A UNITED STATES DEPARTMENT OF COMMERCE PUBLICATION

CLIMATOLOGICAL DATA

U.S. DEPARTMENT OF COMMERCE
MAURICE H. STANS, Secretary

ENVIRONMENTAL SCIENCE SERVICES ADMINISTRATION
ENVIRONMENTAL DATA SERVICE

TENNESSEE

AUGUST 1969

Volume 74 No. 8

CLIMATOLOGICAL DATA

Station	Temperature: Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	No. of Days: Max. 90° or Above	Max. 32° or Below	Min. 32° or Below	Min. 0° or Below	Precipitation: Total	Departure From Normal	Greatest Day	Date	Snow, Sleet: Total	Max. Depth on Ground	Date	No. of Days: .10 or More	.50 or More	1.00 or More
* * *																							
EASTERN 01																							
ATHENS	85.8	62.1	74.0		92	10+	55	24	0	4	0	0	0	6.68		1.94	22	.0	0		9	5	3
BRISTOL WB AIRPORT R	84.9	61.1	73.0	- 1.8	92	18	50	23	0	2	0	0	0	2.11	- 1.69	1.01	19	.0	0		6	1	1
CHATTANOOGA WB AP R	85.7	62.8	74.3	- 5.5	93	9	55	23	0	3	0	0	0	6.20	2.44	3.01	4	.0	0		7	3	3
CLEVELAND 6 NNE	86.4	62.2	74.3		93	8+	55	11	0	3	0	0	0	5.50		1.42	15	.0	0		9	5	2
COPPERHILL	86.5	60.8	73.7	- 1.4	92	31+	51	24	3	6	0	0	0	6.59	1.66	2.99	22	.0	0		10	3	1
DAYTON	87.6	62.0	74.8		94	9	55	25+	0	6	0	0	0	3.16		1.54	22	.0	0		3	3	1
GATLINBURG 2 SW	83.7	57.1	70.4		90	31+	49	25+	0	2	0	0	0	4.21		1.12	23	.0	0		9	3	1
GREENEVILLE EXP STA	86.3	61.6	74.0		91	30+	50	23	0	3	0	0	0	2.06		.60	22	.0	0		6	1	0
JEFFERSON CITY EVAP	85.7	62.8	74.3		91	31	55	24+	0	4	0	0	0	2.54		.82	22	.0	0		7	1	0
KINGSPORT	86.3	61.8	74.1		91	30+	50	23	0	4	0	0	0	1.79	- 2.20	.91	20	.0	0		5	1	0
KNOXVILLE WB AP R	84.0	65.0	74.5	- 2.9	90	30	58	24+	0	1	0	0	0	6.72	3.26	3.02	22	.0	0		9	2	2
KNOXVILLE U OF TENN	86.4	66.2	76.3		90	10	60	24+	0	1	0	0	0	5.77		2.96	22	.0	0		7	3	2
LENOIR CITY	86.5	63.3	74.9	- 2.9	92	10	57	24	0	4	0	0	0	4.30	.62	1.06	17	.0	0		8	4	1
MOUNTAIN CITY NO 2	82.4	55.6	69.0		87	18+	44	23	2	0	0	0	0	3.13		1.36	20	.0	0		5	2	1
NEWPORT 1 NW	86.7	60.7	73.7	- 3.2	92	19+	51	24+	0	5	0	0	0	2.51	- 1.51	.79	22	.0	0		6	2	0
NORRIS	87.5	59.8	73.7		93	15	52	24	0	6	0	0	0	2.69		.73	22	.0	0		6	2	0
OAK RIDGE WB	85.9	63.7	74.8	- 1.3	93	9	56	24	0	4	0	0	0	4.17	- .45	.81	15	.0	0		7	6	0
ROCKWOOD 2																							
ROGERSVILLE 1 NE	86.4	60.2	73.3	- 2.7	90	18+	51	23	0	4	0	0	0	2.40	- 1.09	.52	22	.0	0		8	1	0
SEVIERVILLE 1 SE	86.5M	59.6M	73.1M		90	15+	50	24	0	4	0	0	0	4.14		1.49	22	.0	0		4	4	2
TAZEWELL																							
UNICOI 3 ESE	83.4	56.5	70.0		89	10	42	23	3	0	0	0	0	5.69		1.97	17	.0	0		9	4	2
WATAUGA DAM	84.2	62.1	73.2		89	19+	55	26+	0	0	0	0	0	2.69		1.12	20	.0	0		6	2	1
DIVISION			73.5	- 2.6										4.05	- .04			.0					
* * *																							
CUMBERLAND PLATEAU 02																							
ALLARDT	84.2	61.0	72.6		91	9	54	24	0	1	0	0	0	3.32		1.48	22	.0	0		6	2	1
COOKEVILLE	85.5	61.5	73.5		93	9	55	25+	0	4	0	0	0	2.96		.71	3	.0	0		7	3	0
CROSSVILLE FAA AP	82.6	60.0	71.3		91	9	54	24	0	1	0	0	0	2.29		1.17	19	.0	0		6	2	1
CROSSVILLE EXP STA	82.9	58.6	70.8	- 2.2	89	10	52	24	0	0	0	0	0	2.60	- 1.80	1.03	20	.0	0		6	2	1
LIVINGSTON RADIO WLIV																							
MC MINNVILLE	86.6	62.8	74.7	- 2.6	93	9	55	25+	0	7	0	0	0	2.19	- 1.93	.98	21	.0	0		4	2	0
MONTEAGLE	84.5	62.8	73.7		89	10+	54	23	0	0	0	0	0	4.41		1.78	19	.0	0		6	4	1
ONEIDA	84.8	59.1	72.0		93	10	51	24	0	1	0	0	0	3.61		1.97	22	.0	0		4	2	2
PIKEVILLE	86.3	61.5	73.9		91	9	53	11	0	5	0	0	0	3.56		1.44	19	.0	0		5	2	2
SPARTA 2 NW	87.5	57.7	72.6		95	9	50	25+	0	7	0	0	0	2.14		1.18	22	.0	0		3	2	1
TULLAHOMA	87.2	63.8	75.5	- 1.3	95	9	56	11	0	9	0	0	0	4.84	1.39	1.62	19	.0	0		5	4	3
DIVISION			73.1	- 2.0										3.19	- .88			.0					
* * *																							
MIDDLE 03																							
ASHWOOD	88.3	62.3	75.3	- 2.0	97	9	55	11	0	10	0	0	0	4.66	1.09	2.85	19	.0	0		3	3	2
CARTHAGE	86.8	62.4	74.6		96	10	52	12	0	4	0	0	0	3.56		1.15	22	.0	0		7	3	1
CENTER HILL DAM	88.2	61.8	75.0		96	10	53	12	0	8	0	0	0	2.95		1.50	22	.0	0		4	3	1
CENTERVILLE WATER PL																							
CLARKSVILLE SEW PLT	90.2	60.8	75.5	- 3.6	99	10	52	10	0	18	0	0	0	4.69	1.45	2.21	18	.0	0		6	3	2
COLDWATER	89.4	61.7	75.6	- 2.9	97	9	51	12	0	16	0	0	0	2.46	- 1.22	2.01	19	.0	0		1	1	1
COLUMBIA 2 N	89.5	63.2	76.4		97	9	56	12+	0	14	0	0	0	5.24		4.12	19	.0	0		4	2	1
DALE HOLLOW DAM	88.6	61.5	75.1		95	10	52	12	0	14	0	0	0	4.20		2.40	22	.0	0		5	2	1
DICKSON	89.9	63.8	76.9	- 1.3	98	20+	58	11	0	15	0	0	0	4.47	1.05	2.46	19	.0	0		4	2	2
DOVER 1 W	89.1	61.7	75.4	- 2.2	99	10	54	4	0	13	0	0	0	4.60	1.16	3.46	19	.0	0		3	2	1
FAYETTEVILLE 1 NE	90.2	59.5	74.9		97	10+	50	12+	0	19	0	0	0	2.81	- .89	1.12	19	.0	0		6	2	1
FRANKLIN SEWAGE PLANT	90.3	61.9	76.1	- 1.7	100	9	54	12	0	18	0	0	0	3.97	.25	2.67	19	.0	0		4	2	1
KINGSTON SPRINGS 2 NNE	90.3	60.5	75.4		100	10	53	12	0	18	0	0	0	5.02		1.93	16	.0	0		5	3	2
LAFAYETTE	89.1	59.5	74.3		96	9	51	12	0	17	0	0	0	4.56		1.95	20	.0	0		4	4	2
LAWRENCEBURG FILT PL	88.2	59.6	73.9		96	9	50	12	0	13	0	0	0	3.77		3.32	19	.0	0		3	1	1
LEBANON	91.2	61.7	76.5		101	9	52	12	0	23	0	0	0	3.03		1.36	19	.0	0		5	3	1
LEWISBURG EXP STA	88.2	61.2	74.7	- 3.3	95	10	53	13+	0	13	0	0	0	2.51	- .54	2.03	19	.0	0		2	1	1
LINDEN 2	89.7	62.0	75.9		99	11	52	11	0	17	0	0	0	4.49		3.12	19	.0	0		5	1	1
LYNNVILLE 4 SSW	89.2	61.2	75.2	- 2.2	98	8	52	12	0	16	0	0	0	2.97	- .85	1.96	19	.0	0		4	1	1
MONSANTO	88.5	65.0	76.8		97	9	56	12	0	13	0	0	0	3.80		1.20	19+	.0	0		4	3	3
MOUNT PLEASANT 2 SW																							
MURFREESBORO 5 N	90.0	63.2	76.6	- 2.1	99	10	53	13+	0	18	0	0	0	2.25	- 1.41	.97	19	.0	0		6	1	0
NASHVILLE WB AP R	89.5	66.7	78.1	- 1.1	98	9	61	25+	0	13	0	0	0	2.27	- .59	1.30	19	.0	0		5	1	1
NEPTUNE 3 S	89.3	57.2	73.3		98	10	50	12	0	15	0	0	0	5.76		1.72	19	.0	0		7	6	2
PALMETTO	91.4	63.5	77.5	- .5	97	17+	53	12	0	24	0	0	0	2.44	- .86	1.54	19	.0	0		5	1	1
PORTLAND 6 NE	87.3	61.5	74.4		96	9	53	12	0	5	0	0	0	5.40		2.30	19	.0	0		6	3	2
PULASKI WATER PLANT	90.9	62.4	76.7		96	10+	55	25+	0	22	0	0	0	2.63		2.55	19	.0	0		1	1	1
SAVANNAH	91.7	63.6	77.7	- 2.2	100	9	57	4	0	23	0	0	0	5.63	1.98	2.13	19	.0	0		7	4	1
SHELBYVILLE 3	89.5	62.2	75.9		96	9+	52	12	0	17	0	0	0	3.16		1.06	19	.0	0		5	3	2
SPRINGFIELD EXP STA	86.7	62.6	74.7		97	10	56	13+	0	5	0	0	0	5.22		1.83	19	.0	0		7	4	2
WAVERLY 4 W	90.0	60.1	75.1		98	11	50	4	0	15	0	0	0	3.40		3.05	19	.0	0		9	2	1
WAYNESBORO	87.9	59.7	73.8	- 2.9	96	10	50	4	0	10	0	0	0	3.25	- .48	2.40	19	.0	0		4	1	1
WOODBURY 1 WNW	89.7	60.5	75.1		97	9	51	11	0	19	0	0	0	1.35		.60	22	.0	0		4	1	0
DIVISION			75.6	- 2.5										3.82	.38			.0					

See Reference Notes Following Station Index

SPECIAL WEATHER SUMMARY ON PAGE 91

CLIMATOLOGICAL DATA

Continued

TENNESSEE
AUGUST 1969

Station	Temperature													Precipitation									
										No. of Days								Snow, Sleet			No. of Days		
										Max.		Min.											
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	90° or Above	32° or Below	32° or Below	0° or Below	Total	Departure From Normal	Greatest Day	Date	Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
* * * WESTERN 04																							
BOLIVAR WTR WKS																							
BROWNSVILLE	89.2	65.5	77.4	- 2.4	98	9	59	4+	0	13	0	0	0	8.80	5.92	2.41	2	.0	0		7	5	5
COVINGTON 1 W	88.4	64.1	76.3	- 3.6	97	10+	59	4+	0	14	0	0	0	5.02	2.06	2.33	19	.0	0		7	4	1
DRESDEN	89.2	61.9	75.6		98	10	57	4	0	12	0	0	0	11.00	8.16	5.34	10	.0	0		4	3	3
DYERSBURG FAA AP	89.1	65.2	77.2		97	9	59	16+	0	12	0	0	0	7.47		1.83	10	.0	0		8	5	3
HUNTINGDON SEWAGE PL	88.3	60.9	74.6		99	10	53	4	0	9	0	0	0	4.74		2.20	19	.0	0		5	3	1
JACKSON FAA AP	89.1	65.3	77.2		99	9	59	4+	0	15	0	0	0	5.82		2.43	18	.0	0		6	4	2
JACKSON EXP STA	88.5	64.3	76.4	- 2.4	98	10	57	4	0	11	0	0	0	5.19	1.83	3.10	19	.0	0		4	2	2
LEXINGTON	87.9	64.1	76.0		97	10	59	4	0	10	0	0	0	3.70		2.38	19	.0	0		7	1	1
MARTIN U OF T BRANCH	90.1M	64.3M	77.2M		98	9	58	4	0	17	0	0	0	7.92		2.52	19	.0	0		5	4	3
MEMPHIS WB AIRPORT R	90.0	68.6	79.3	- 1.2	99	9	63	13+	0	17	0	0	0	6.62	3.65	2.82	18	.0	0		6	4	4
MILAN	88.5	60.7	74.6	- 4.6	98	10	53	4	0	9	0	0	0	4.99	1.48	2.90	19	.0	0		5	3	1
MOSCOW	88.1	62.7	75.4	- 4.0	98	9	56	2	0	13	0	0	0	5.80	2.36	1.90	18	.0	0		6	4	3
NEWBERN	90.1	63.6	76.9	- 2.8	97	10	50	3	0	20	0	0	0	8.32	5.37	2.90	17	.0	0		6	4	4
PARIS 5 E	89.7	61.7	75.7		101	10	55	14	0	12	0	0	0	5.11		3.00	19	.0	0		8	2	1
RIPLEY	87.8	65.5	76.7		97	10	60	13	0	8	0	0	0	6.49		2.05	19	.0	0		6	5	4
SAMBURG WILDLIFE REF	89.3	64.3	76.8	- 2.8	99	10	57	12+	0	14	0	0	0	3.88	1.16	1.74	19	.0	0		5	2	2
SELMER	88.6	59.2	73.9		98	10	52	4	0	13	0	0	0	4.84	1.62	2.57	19	.0	0		8	2	1
UNION CITY	86.9	63.4	75.2	- 3.7	96	10	58	12+	0	6	0	0	0	7.04	4.18	2.51	17	.0	0		4	3	3
DIVISION			76.2	- 3.3										6.26	3.21			.0					

EXTREMES

HIGHEST TEMPERATURE 2 STATIONS	101	DATE	10+
LOWEST TEMPERATURE UNICOI 3 ESE	42	DATE	23
GREATEST TOTAL PRECIPITATION DRESDEN	11.00		
LEAST TOTAL PRECIPITATION WOODBURY 1 WNW	1.35		
GREATEST 1 DAY PRECIPITATION DRESDEN	5.34	DATE	10

See Reference Notes Following Station Index

TENNESSEE - AUGUST 1969

SPECIAL WEATHER SUMMARY

HURRICANE CAMILLE: The weakening storm "Camile", moved northward across West Tennessee during the 18th and early on the 19th. Heavy rain fell for several hours with accumulations generally between 2 and 3 inches. Rainfall storm totals decreased eastward to about 1 inch in the east state area. No flooding was reported, but some minor flooding of streets and roads occurred in the Memphis area, when storm sewers and drainage ditches were unable to handle the runoff. Highest wind observed at Memphis International Airport was 25 m.p.h. with gusts to 32 m.p.h. Fastest mile recorded on the autographic equipment was 27 m.p.h. Damage was minor, but there was a case or two of a falling tree damaging power lines.

Agricultural damage in the immediate area of "Camille", including the State of Tennessee as a whole was negligible. More important was the fact that the rains brought needed relief to drought-stricken areas in West Tennessee. Even so, sources contacted stated that the needed rains occurred about 2 to 3 weeks too late to prevent serious loss of crops in some areas; some grains have already been damaged up to 80%, and most farmers have been feeding cattle their winter supply of hay.

No tornadoes or weather related injuries occurred with this storm in Tennessee.

John V. Vaiksnoras
ESSA- Weather Bureau State Climatologist
Berry Field
Nashville, Tennessee 37217

DAILY PRECIPITATION

TENNESSEE
AUGUST 1969

Station	Total	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
* * *																																
EASTERN 01																																
ATHENS	6.68		.80	1.26												.04	1.02	.10	.36	.49	.53		1.94	.14								
BRISTOL WB AIRPORT R	2.11	T	T	.10	T				.40		.20						.21	T	T	1.01	.04	.01	.14									
CHATTANOOGA WB AP R	6.20			.10	3.01								.03		.12	1.15	T	.01	.03	.03		1.10	.13									.49
CLEVELAND 6 NNE	5.50		1.41	.22	T								.11		.13	1.42	.67		.04	.67	T	.18	.63									.02
CONASAUGA 1 NNW	4.41			.66											.08	.20	.56	.28		.31	.48		1.50	.34								
COPPERHILL	6.59		.01	.15	.04	.20						.06			.21	.16	.98	.30	.03	.26	.89	T	2.99	.29								.02
DAYTON	3.16			.06	.07										.03	.01	.54	T	.09	.72	.06	.03	1.54	T								.01
GATLINBURG 2 SW	4.21		.30	.67	.07						.14			.07			.47	.10		.22	.58		.47	1.12								
GREENEVILLE EXP STA	2.06			.25										.30			.41		.25	.04	.21		.60									
JEFFERSON CITY EVAP	2.54			.43	.12						.06						.28	.13		.06	.24		.82	.40								
KINGSPORT	1.79		.04	.06	.12					.23	.15					T	.17	.02	T	T	.91		.08	.01								
KINGSTON	3.12			.32							.03					T	.66	.79		.06	.25		1.01									
KNOXVILLE EXP. STA.	6.98	.02		2.46	.02	.09										.02	1.11	.15	.01	.08	.21		2.65	.16								
KNOXVILLE WB AP R	6.72	.41	.38	.45	T					T	.01		.19	T	.37	1.54	.20	T	.10	.05	T	T	3.02									T
KNOXVILLE U OF TENN	5.77	T		1.01	.38	.26						.10					.80			.08	.18		2.96									
LENOIR CITY	4.30			.36										T		T	.80	1.06	.16	.31	.52		.82	.27								
MOUNTAIN CITY NO 2	3.13		T	.09					.03		.80						.42	.09	.12		1.36		.22									
NEWCOMB	2.12		T														.42	.09			.93		.68									
NEWPORT 1 NW	2.51			.65	.05						T						.42	.03		.10	.16		.79	.31								
NORRIS	2.69		.29	.29		T							T	T		T	.70	.13		.49	.06		.73	T								
OAK RIDGE WB	4.17	T	.55	.02							.01		.11			.81	.62	.66	.09	.52		.01	.77									
ROCKWOOD 2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ROGERSVILLE 1 NE	2.40		.49	.35	.12												.21		.27	.25	.19		.52									T
SEVIERVILLE 1 SE	4.14		.52	.66													1.33	.06	.06	.02		T	1.49									
TAZEWELL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
UNICOI 3 ESE	5.69		.53	.09	.04					.03	.30			.32			.12	1.97	.14	.23	1.40		.52									
WATAUGA DAM	2.69			.06	.06					.50	.09					.06	.04	.19	.15	.01	1.12	.05	.22	.14								
* * *																																
CUMBERLAND PLATEAU 02																																
ALLARDT	3.32			.10									T	.37	T	T	.34	.26		.60	.09	.08	1.48									
COOKEVILLE	2.96			.71							.30					.13	T	.50		.27	.43		.62									
CROSSVILLE FAA AP	2.29		.16	.02						.11			T		T	.18			.01	1.17	T	.54	.10									
CROSSVILLE EXP STA	2.60			.16							.17			.05			.23		.04	.10	1.03		.82	T								
JAMESTOWN	4.24			.04										.27		.03	.17	.50	.57	.05	.80		1.81									
LIVINGSTON	2.00			.03												.29				.13	.71		.84									
LIVINGSTON RADIO WLIV	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MC MINNVILLE	2.19			.26							T		.06		T	.13	.01		T	.74		.98	.01									T
MONTEAGLE	4.41			.43										T	.02	.72	.20			1.78	.08	.58	.57									.03
MONTEREY	4.57			.06							.07			.09			.15	.12	.47	.05	1.33		2.23									
ONEIDA	3.61																.16		1.02		.46		1.97									
PIKEVILLE	3.56			.20				.09									.19		T	1.44		.45	1.19									
SPARTA 2 NW	2.14										.12										.84		1.18									
TULLAHOMA	4.84			.50									.03	.01	.15	1.08				1.62		1.40	.05									
* * *																																
MIDDLE 03																																
ASHWOOD	4.66		T													1.01				2.85		.75	.05									
BETHPAGE	4.10															.12		T	.77	1.45	1.25		.51									
CARTHAGE	3.56			T							.25					T	.44	.20	.10	.75	.67		1.15									
CENTER HILL DAM	2.95			.01							.64								.03	.51	.26		1.50									
CENTERVILLE WATER PL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CLARKSVILLE SEW PLT	4.69		.10								.08					.03	.16	.11	2.21	.82		1.18										
COLDWATER	2.46														.07	.09				2.01	.08	.08	.08									.05
COLUMBIA 2 N	5.24			.63												.18				4.12	.26		.05									
CUMBERLAND CITY	5.46		.02	T							.13						.37	1.14	.05	2.77	.40		.58									
DALE HOLLOW DAM	4.20										.10					.28				.45	.97		2.40					T				
DICKSON	4.47		T							T					T	T	.05	.10	T	2.46		1.60	.26									
DOVER 1 W	4.60			.08							.04						.04	.74	.05	3.46	.13	.06										
FAYETTEVILLE 1 NE	2.81														.14	.51			.02	1.12	.18		.47	.37								
FRANKLIN SEWAGE PLANT	3.97															.57	.06			2.67	.43		.24									
GAINESBORO	2.11																.07		.39	.45	.91		.29									
KINGSTON SPRINGS 2 NNE	5.02			T												.03	1.93		.36	1.90	.20		.60									
LAFAYETTE	4.56																.07		.64	1.25	1.95		.65									
LASCASSAS 3 SW	2.93			T							T					.39			.37	1.30	.20	.16	.51	T	T							
LAWRENCEBURG FILT PL	3.77			.06											.03	.21				3.32		.11									.04	
LEBANON	3.03										.18							.08	.10	1.36	.76		.55									
LEBANON 7 N	2.95										.55							.01	.02	1.31	.79		.27									
LEWISBURG EXP STA	2.51			.09												.26				2.03	.07		.06	T								
LINDEN 2	4.49			.05							.12					.06	.45	.02	.40	3.12	.27											
LYNNVILLE 4 SSW	2.97			.31							.01				.01	.40			.06	1.96	.20									.02		
MONSANTO	3.80		1.20	.05															1.00	1.20												.35
MOUNT PLEASANT 2 SW	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MURFREESBORO 5 N	2.25			.02												.34	.13		.16	.97	.24		.39									
NASHVILLE WB AP R	2.27		T							.02					.04	.15		.11	.46	1.30		.11	.08									T
NEPTUNE 3 S	5.76			.74							.35						.62		.67	1.72	1.12		.54									
NORTH SPRINGS	3.27																		.16	1.00	1.52		.59									
OLD HICKORY DAM	2.60			T							.58							T	T	.98	1.02		.02									
ORLINDA	3.62				T						.04						1.22		.16	1.12	.74		.34									
PALMETTO	2.44		.11	.20											.30	.04				1.54			.25									
PARSONS WATER PLANT	4.80		T							.32					.51	.36	.11	.08	.03	2.04	.53	.28	.47							T		.07
PORTLAND 6 NE	5.40			T							.05				.12	T	.26	.64		2.30		1.74	.29									
PULASKI WATER PLANT	2.63			.03											T	.05				2.55												T
SAVANNAH	5.63		.78								.94			.40	T		.05		.21	2.13		.91	.21									
SHELBYVILLE 3	3.16		.77												.10	.05			.07	1.06		1.01	.10									
SPRINGFIELD EXP STA	5.22			T							1.03						.60		.45	1.83	.92	.12	.27									
STATESVILLE	3.12															.05			1.00	1.05	.35		.67									
WAVERLY 4 W	5.40		.10	.05												.35	.15	.20	.25	3.05	.25		.90									.10
WAYNESBORO	3.25														T	.11	.06		.31	2.40	.32	T	.05									
WOODBURY 1 WNW	1.35			.02												.13	.02			.33	.25		.60									
* * *																																
WESTERN 04																																
BOLIVAR WTR WKS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BOLTON	6.27			.06							.06						.05	1.51	.53	2.03		2.03										
BROWNSVILLE	8.80		2.41								1.72						.12	1.02	1.16	2.10		.27										
COVINGTON 1 W	5.02			.60							.35						.11	.80	.22	2.33	.04	T	.57									
DRESDEN	11.00			.09							5.34						.29	2.30	.03	2.86	.09											
DYERSBURG FAA AP	7.47		.22								1.83						.97	1.41	.93	1.67	.20	.09	.15									
HUNTINGDON SEWAGE PL	4.74		.18	.09							.95							.96	.09	2.20	.17	.05	.05									
JACKSON FAA AP	5.82		1.06							.98						T	.31	.28	2.43	.76		T	T									
JACKSON EXP STA	5.19		.01	.44							1.30							.32		3.10			.02									
LEXINGTON	3.70			.15							.14					T	.39	.15	T	2.38	.20	.28	.01									
MARTIN U OF T BRANCH	7.92										2.10						.68	2.42		2.52			.20									
MEMPHIS WB AIRPORT R	6.62									.01					T	T	1.01	1.26	2.82	.17	.04	1.16	T									.15
MILAN	4.99		.06	.23							.72					T		.92	.06	2.90		T	.10									
MOSCOW	5.80										1.00						.40		1.90	1.80	.10	.60										
NEWBERN	8.32		.33	.05							1.24						1.10	2.90		2.60		.10										
PARIS 5 E	5.11		.15	.07							.10							.77	.30	3.00	.17	.45	.10									
RIPLEY	6.49			1.11							1.16						.06	1.02	.04	2.05		.35	.70									
SAMBURG WILDLIFE REF	3.88		.19	.10							.48						.02	1.34		1.74		.01	T									
SELMER	4.84			.36							.78				T		.24	.24		2.57	.18	.11	.36									
UNION CITY	7.04		.02	.06							2.31							2.51	.39	1.70	.01		.04									

See Reference Notes Following Station Index

DAILY TEMPERATURES

TENNESSEE
AUGUST 1969

Station		Day of Month 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
* * *																																	
EASTERN 01																																	
ATHENS	MAX	88	90	90	84	84	83	86	89	92	92	84	85	86	86	84	87	87	85	88	84	88	81	75	81	84	85	88	88	85	84	88	85.8
	MIN	64	66	65	62	60	57	58	61	67	71	57	58	60	63	64	65	66	68	69	69	65	65	57	55	56	57	60	60	60	59	60	62.1
BRISTOL WB AIRPORT	MAX	86	86	77	77	80	83	86	88	89	80	82	84	85	89	88	86	88	92	87	85	83	79	84	85	86	85	85	85	87	90	86	84.9
	MIN	66	68	66	62	60	58	57	61	66	62	58	58	59	61	64	69	68	69	71	65	61	58	50	54	56	61	59	58	55	57	58	61.1
CHATTANOOGA WB AP	MAX	87	92	86	87	86	86	89	91	93	86	82	85	85	85	84	86	87	82	85	89	89	73	82	84	85	87	87	84	84	88	82	85.7
	MIN	64	67	65	63	62	61	62	65	66	65	58	58	59	65	67	68	68	71	72	70	63	62	55	57	57	59	58	61	59	57	64	62.8
CLEVELAND 6 NNE	MAX	89	93	83	85	85	87	88	93	92	86	85	87	88	84	86	85	88	83	84	88	89	75	83	85	86	88	89	87	85	88	84	86.4
	MIN	64	65	64	62	61	59	58	64	67	66	55	58	59	64	64	67	67	67	69	68	66	65	58	56	56	59	59	59	59	60	62	62.2
COPPERHILL	MAX	90	86	89	81	83	85	88	89	91	92	84	86	85	87	85	85	85	87	86	83	88	90	72	85	87	88	91	88	86	86	92	86.5
	MIN	57	67	67	65	60	56	56	57	63	68	59	59	59	61	64	66	68	70	70	71	63	63	52	51	52	57	57	57	56	56	59	60.8
DAYTON	MAX	89	90	87	85	85	88	89	92	94	92	86	88	89	86	88	87	88	86	82	90	90	78	84	86	88	89	89	87	87	89	87	87.6
	MIN	62	65	63	60	60	58	58	63	65	71	57	58	59	63	63	67	68	68	70	70	64	66	58	55	55	59	60	61	58	58	61	62.0
GATLINBURG 2 SW	MAX	86	82	85	79	79	81	82	85	87	90	80	80	81	82	81	86	84	85	88	85	83	88	80	81	84	84	85	84	82	85	90	83.7
	MIN	54	63	62	61	55	52	53	55	61	63	55	55	55	55	58	61	60	64	65	68	58	59	54	49	49	55	54	55	55	54	54	57.1
GREENEVILLE EXP STA	MAX	89	89	80	79	82	85	87	88	91	89	84	84	83	86	87	84	88	90	87	86	87	82	84	87	87	87	88	88	88	91	89	86.3
	MIN	68	66	64	67	60	57	58	61	64	72	57	61	58	60	64	67	68	70	72	72	61	65	50	52	52	58	58	59	55	56	58	61.6
JEFFERSON CITY EVAP	MAX	88	87	89	80	80	81	84	88	89	90	81	83	84	87	85	90	85	89	90	85	86	87	80	82	84	87	88	87	84	86	91	85.7
	MIN	63	68	67	64	63	62	61	61	65	71	60	61	61	61	64	61	68	69	68	69	64	64	55	55	56	60	61	62	60	60	62	62.8
KINGSPORT	MAX	88	88	78	77	81	85	87	89	90	90	83	85	84	88	87	87	89	91	88	86	85	81	85	87	87	88	87	87	88	91	89	86.3
	MIN	65	66	66	65	59	57	58	61	65	72	57	58	59	61	64	68	67	69	71	72	61	65	50	54	58	59	59	58	56	58	58	61.8
KNOXVILLE WB AP	MAX	85	89	81	80	81	84	86	89	89	82	82	85	87	86	86	82	82	86	82	83	84	76	79	81	84	84	86	83	85	90	85	84.0
	MIN	69	68	67	66	64	61	63	69	72	69	63	60	60	66	67	68	70	71	68	71	66	65	58	58	59	64	63	65	62	63	61	65.0
KNOXVILLE U OF TENN	MAX	88	89	89	82	82	85	86	87	89	90	84	84	87	88	87	89	84	88	89	88	87	88	80	83	85	86	88	87	85	86	89	86.4
	MIN	69	67	68	66	64	63	64	69	64	72	64	65	66	68	68	70	72	72	69	73	62	65	60	60	63	65	65	65	64	63	66	66.2
LENOIR CITY	MAX	89	88	89	82	83	83	85	89	90	92	84	85	88	87	86	89	85	86	89	83	89	90	82	82	82	86	87	88	86	85	91	86.5
	MIN	62	65	66	64	61	59	59	61	65	71	58	59	62	64	65	68	68	69	69	70	69	65	59	57	59	61	61	62	62	60	61	63.3
MOUNTAIN CITY NO 2	MAX	87	86	78	73	79	83	85	85	87	83	82	80	76	84	78	84	84	87	84	80	79	75	81	83	85	86	84	84	86	85	81	82.4
	MIN	58	58	62	58	51	52	48	51	61	65	50	52	55	59	61	65	61	63	66	68	54	58	44	48	52	55	53	52	46	50	49	55.6
NEWPORT 1 NW	MAX	89	88	90	80	81	82	85	88	89	92	82	85	85	86	88	89	86	90	92	88	86	88	79	84	86	88	88	89	87	89	90	86.7
	MIN	62	66	63	65	60	57	58	61	63	68	57	59	60	60	60	63	69	68	69	70	62	64	51	51	55	58	57	59	57	54	57	60.7
NORRIS	MAX	89	86	85	83	86	86	88	89	91	88	85	89	90	86	93	83	86	87	84	89	89	83	86	83	89	89	90	87	89	92	91	87.5
	MIN	60	61	61	59	58	58	58	61	67	66	55	55	56	61	61	65	64	65	61	68	61	63	53	52	55	57	58	60	61	58	56	59.8
OAK RIDGE WB	MAX	89	87	83	83	82	84	88	91	93	84	82	87	87	86	90	84	85	88	80	87	88	82	81	83	87	87	87	85	87	90	86	85.9
	MIN	67	67	65	65	61	60	60	66	70	64	59	60	60	64	65	68	67	71	70	72	64	65	59	56	59	61	62	61	63	63	61	63.7
ROCKWOOD 2	MAX																																
	MIN																																
ROGERSVILLE 1 NE	MAX	90	88	79	83	83	85	88	87	90	88	84	86	86	86	90	88	89	90	85	86	84	80	84	84	88	88	88	87	88	89	87	86.4
	MIN	63	65	64	62	58	58	57	60	64	64	54	57	59	57	62	67	65	67	67	70	60	64	51	53	57	59	58	58	55	57	55	60.2
SEVIERVILLE 1 SE	MAX	87	88	82	81	85	87	90	90	90	85	83	87	86	87	90	84	85	89	87	87	87	82	85	86	86	88	88	86	87	89		86.5
	MIN	67	62	64	62	59	59	55	59	64	61	56	55	55	58	60	67	66	66	66	65	59	62	55	50	56	56	56	58	56	53		59.6
TAZEWELL	MAX																																
	MIN																																
UNICOI 3 ESE	MAX	86	85	84	74	79	83	84	85	88	89	81	81	81	85	83	85	85	81	86	83	83	78	82	83	85	84	84	83	85	86	85	83.4
	MIN	60	60	61	60	53	51	54	54	56	67	52	55	53	55	59	65	63	64	66	68	56	63	42	47	51	53	53	54	48	54	53	56.5
WATAUGA DAM	MAX	87	86	87	77	75	81	85	86	88	89	79	83	83	82	84	83	86	83	89	88	84	82	77	83	85	86	85	85	86	87	88	84.2
	MIN	63	66	65	64	65	60	61	61	63	63	60	60	62	66	64	66	66	68	68	69	62	62	55	55	57	55	62	61	59	57	61	62.1
* * *																																	
CUMBERLAND PLATEAU 02																																	
ALLARDT	MAX	87	85	82	81	83	85	89	89	91	84	81	85	85	83	86	83	84	86	78	84	84	79	82	83	84	85	84	85	83	85	84	84.2
	MIN	58	60	62	59	55	59	58	66	67	64	56	58	58	62	62	65	67	68	70	66	61	64	58	54	56	59	60	60	60	60	59	61.0
COOKEVILLE	MAX	85	85	84	82	82	83	85	88	93	90	81	81	85	88	84	86	85	92	86	76	87	89	82	83	85	86	86	87	87	86	90	85.5
	MIN	60	62	60	59	58	59	60	65	68	65	56	56	59	61	65	66	68	70	70	67	63	63	60	55	55	57	59	60	62	59	60	61.5
CROSSVILLE FAA AP	MAX	86	86	79	79	80	83	89	87	91	79	78	81	84	83	82	82	87	82	75	84	83	75	79	82	83	84	84	83	83	87	82	82.6
	MIN	59	63	59	56	55	55	57	63	67	57	55	55	56	61	65	68	69	70	70	66	61	60	57	54	55	57	57	60	59	57	57	60.0
CROSSVILLE EXP STA	MAX	84	84	83	80	80	81	81	87	86	89	79	79	82	85	83	84	84	87	83	77	84	83	76	81	83	83	84	85	82	82	86	82.9
	MIN	58	60	59	55	54	55	56	58	62	62	55	56	55	58	61	65	67	67	68	65	59	60	53	52	53	55	58	59	58	60	55	58.6
LIVINGSTON RADIO WLIV	MAX																																
	MIN																																
MC MINNVILLE	MAX	89	89	82	84	86	88	91	92	93	90	82	87	88	86	85	87	92	86	80	88	90	77	84	84	85	85	87	87	85	90	86	86.6
	MIN	58	63	63	59	58	59	61	66	69	68	55	55	60	67	67	66	68	74	74	68	66	70	60	57	55	59	59	62	60	58	63	62.8
MONTEAGLE	MAX	85	87	85	83	85	85	84	89	89	89	80	85	85	85	85	84	87	83	78	86	86	74	81	83	84	85	86	85	84	86	85	84.5
	MIN	64	64	59	59	60	61	62	69	70	66	57	57	61	66	62	64	67	69	70	69	66	68	54	56	57	63	62	63	59	59	64	62.8
ONEIDA	MAX	89	86	85	82	80	84	85	88	87	93	81	81	86	88	86	80	85	85	87	80	85	85	81	82	84	84	85	85	86	86	87	84.8
	MIN	59	60	63	57	54	58	57	60	72	65	52	52	57	59	59	63	66	63	68	68	60	63	54	51	53	54	54	58	59	57	55	59.1
PIKEVILLE	MAX	86	89	84	84	85	86	88	90	91	87	84	86	86	85	85	87	90	86	80	90	90	76	83	85	87	88	88	86	87	89	86	86.3
	MIN	62	63	63	60	59	57	58	61	64	65	53	54	57	63	62	67	68	70	72	69	65	67	60	55	54	57	58	61	60	59	62	61.5
SPARTA 2 NW	MAX	88	87	89	89	85	83	88	93	95	94	88	82	86	89	85	88	91	94	86	87	89	92	80	83	86	80	86	88	90	86	87	87.5
	MIN	54	54	53	55	55	55	57	59	61	58	50	51	65	60	60	64	64	64	63	64	62	66	59	53	50	53	54	58	56	57	56	57.7
TULLAHOMA	MAX	89	89	83	85	87	90	91	94	95	91	84	87	89	88	79	86	91	85	81	90	90	80	85	85	86	87	88	88	86	90	85	87.2
	MIN	63	67	62	59	60	61	64	66	70	67	56	58	60	68	64	66	69	72	71	70	68	70	59	59	57	61	60	64	64	60	63	63.8

See Reference Notes Following Station Index

DAILY TEMPERATURES

Station		Day of Month 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
* * *																																	
MIDDLE 03																																	
ASHWOOD	MAX	91	88	85	83	88	90	94	95	97	90	84	90	92	88	87	88	92	86	91	84	86	82	84	86	85	88	89	89	88	89	88	88.3
	MIN	59	63	59	56	59	60	64	70	72	66	55	56	59	64	61	66	70	71	68	65	67	64	61	59	57	60	58	60	62	59	62	62.3
CARTHAGE	MAX	87	88	88	84	82	86	88	92	94	96	85	84	86	88	87	87	87	89	87	76	88	85	83	84	85	86	87	87	88	88	90	86.8
	MIN	62	62	61	59	60	60	61	64	64	67	57	52	61	62	64	67	66	69	70	68	67	67	64	57	58	58	60	61	62	62	63	62.4
CENTER HILL DAM	MAX	87	90	87	83	85	88	90	93	95	96	84	83	87	89	87	88	89	94	88	80	90	88	83	86	88	88	88	89	89	88	93	88.2
	MIN	61	63	61	57	59	58	60	60	63	64	54	53	59	62	64	67	66	68	74	67	67	69	62	57	59	59	60	61	62	60	61	61.8
CENTERVILLE WATER PL	MAX																																
	MIN																																
CLARKSVILLE SEW PLT	MAX	90	91	93	87	88	91	94	95	96	99	86	85	88	92	89	91	93	87	89	92	92	86	84	86	88	90	92	89	90	91	92	90.2
	MIN	61	59	61	54	58	59	60	63	61	52	56	54	59	62	63	64	68	61	73	67	69	64	60	53	58	59	59	64	63	61	61	60.8
COLDWATER	MAX	90	92	88	88	88	90	93	96	97	90	88	90	90	90	85	86	93	87	88	94	92	83	85	87	90	89	90	89	87	91	85	89.4
	MIN	59	62	60	55	58	58	61	63	67	69	52	51	57	65	66	66	67	67	72	68	70	71	58	59	56	57	58	59	60	58	63	61.7
COLUMBIA 2 N	MAX	85	93	90	86	88	89	91	94	97	96	88	86	91	92	88	89	89	93	87	81	92	90	86	88	88	89	87	91	91	89	91	89.5
	MIN	61	65	61	57	60	59	62	62	70	66	56	56	59	64	66	67	68	70	71	69	70	68	63	61	58	61	59	62	64	60	64	63.2
DALE HOLLOW DAM	MAX	90	90	89	87	87	90	91	94	93	95	85	84	90	92	86	88	89	90	90	78	90	88	83	86	88	88	89	89	90	89	90	88.6
	MIN	60	62	62	58	59	59	59	61	65	67	53	52	55	59	64	66	65	67	67	61	61	66	66	57	59	61	63	64	63	64	63	61.5
DICKSON	MAX	92	90	86	89	90	94	96	97	98	92	88	90	93	89	92	86	93	85	81	98	89	82	86	88	89	87	89	92	88	90	87	89.9
	MIN	62	68	60	60	61	60	65	64	70	62	58	59	60	63	63	67	68	66	72	70	69	65	64	61	60	62	62	63	68	62	64	63.8
DOVER 1 W	MAX	87	92	85	86	87	89	92	95	95	99	86	93	88	93	90	90	85	88	90	86	93	85	83	87	88	88	87	86	90	89	90	89.1
	MIN	60	65	56	54	59	59	59	63	69	61	55	62	58	62	62	64	66	67	71	67	68	62	59	58	59	60	60	59	64	64	62	61.7
FAYETTEVILLE 1 NE	MAX	93	92	94	88	89	90	92	93	97	97	90	89	91	92	90	85	90	94	88	85	92	93	83	85	87	89	90	91	88	88	90	90.2
	MIN	50	60	61	54	56	57	59	59	63	61	51	50	57	64	65	64	67	68	71	65	66	71	57	57	55	56	55	58	56	55	57	59.5
FRANKLIN SEWAGE PLANT	MAX	90	90	84	88	89	90	91	98	100	98	86	89	93	92	89	89	95	95	84	92	91	89	85	86	88	87	90	91	90	90	90	90.3
	MIN	60	66	60	57	59	58	55	61	65	65	56	54	59	60	66	66	67	69	71	67	70	67	62	59	57	59	59	61	64	58	63	61.9
KINGSTON SPRINGS 2 NNE	MAX	92	93	93	88	80	92	94	95	98	100	90	89	91	93	96	90	86	90	85	81	93	89	85	88	88	90	89	89	91	89	91	90.3
	MIN	58	61	60	54	55	57	58	60	60	64	54	53	54	59	61	63	66	67	67	67	68	67	64	59	57	58	61	61	62	61	61	60.5
LAFAYETTE	MAX	89	89	85	88	90	91	92	92	96	94	85	89	93	90	93	87	90	86	79	89	87	82	87	88	90	90	90	90	90	91	90	89.1
	MIN	58	63	59	57	57	57	62	63	67	60	54	51	57	62	60	65	65	63	63	64	64	60	52	53	55	56	58	60	60	58	60	59.5
LAWRENCEBURG FILT PL	MAX	91	90	84	87	90	92	93	95	96	94	85	89	90	85	86	83	93	84	85	92	88	78	83	86	87	86	90	90	86	89	86	88.2
	MIN	57	61	60	52	56	56	59	57	62	66	53	50	56	61	62	66	67	68	65	65	66	65	58	56	54	56	56	59	59	56	63	59.6
LEBANON	MAX	95	91	87	90	90	93	97	98	101	97	86	92	94	90	92	92	91	90	84	93	91	84	87	89	90	89	90	92	90	92	89	91.2
	MIN	58	64	59	58	58	57	61	64	69	63	56	52	59	64	63	64	67	68	71	67	67	67	62	58	57	59	56	60	63	60	62	61.7
LEWISBURG EXP STA	MAX	90	90	88	85	87	89	91	92	94	95	87	85	88	90	86	85	87	94	85	80	92	90	78	84	86	89	88	90	89	90	90	88.2
	MIN	59	60	59	55	56	58	59	66	66	68	54	53	53	60	60	69	68	72	72	68	68	68	59	58	56	57	57	57	63	60	58	61.2
LINDEN 2	MAX	90	92	91	86	88	88	90	94	94	93	99	86	89	92	96	91	85	91	83	94	93	89	80	85	87	90	88	90	90	89	89	89.7
	MIN	59	63	60	61	64	66	69	59	63	56	52	54	57	60	61	65	68	67	72	67	68	68	63	59	58	60	59	60	64	60	60	62.0
LYNNVILLE 4 SSW	MAX	92	90	86	88	90	91	93	98	97	91	88	91	92	85	82	87	93	90	82	93	91	80	85	87	89	89	91	89	88	90	86	89.2
	MIN	58	61	59	55	58	58	60	68	62	69	53	52	57	62	62	65	67	69	73	66	68	70	58	58	54	57	56	59	61	58	63	61.2
MONSANTO	MAX	91	88	84	88	90	93	93	95	97	86	85	88	92	83	90	90	95	88	81	92	90	78	85	87	85	86	89	88	86	92	88	88.5
	MIN	63	66	61	58	62	60	65	63	70	68	58	56	64	65	68	72	71	72	73	70	72	68	66	61	60	63	61	63	66	63	66	65.0
MOUNT PLEASANT 2 SW	MAX																																
	MIN																																
MURFREESBORO 5 N	MAX	91	93	91	86	90	88	93	95	97	99	88	87	91	92	88	87	90	95	87	79	93	90	83	86	88	89	89	91	91	90	92	90.0
	MIN	60	65	62	60	58	59	61	64	69	69	55	53	53	65	67	67	70	71	73	68	69	69	63	60	59	59	60	63	64	61	63	63.2
NASHVILLE WB AP	MAX	90	89	86	87	88	91	94	95	98	88	86	89	92	88	89	91	93	88	82	92	88	85	88	88	89	89	89	90	90	92	90	89.5
	MIN	65	70	65	63	62	62	68	67	72	69	61	61	63	67	68	68	73	72	75	72	72	70	67	63	61	64	64	65	68	65	67	66.7
NEPTUNE 3 S	MAX	90	92	97	86	87	91	92	94	95	98	86	85	89	93	86	90	84	87	86	82	93	82	84	86	89	91	89	89	92	91	91	89.3
	MIN	55	55	55	52	52	54	55	59	60	59	53	50	51	56	60	62	62	63	65	63	62	62	58	55	54	52	56	55	60	59	59	57.2
PALMETTO	MAX	97	89	88	90	90	93	96	97	96	90	89	92	95	90	89	90	97	87	88	93	92	88	90	90	91	90	91	90	91	94	90	91.4
	MIN	61	66	60	56	59	59	66	66	71	67	54	53	60	68	67	66	70	71	71	68	68	67	60	61	57	58	58	63	63	69	64	63.5
PORTLAND 6 NE	MAX	89	86	83	85	86	87	94	92	96	92	84	87	92	87	88	87	86	89	81	89	84	80	84	86	87	85	87	89	89	87	87	87.3
	MIN	59	65	59	56	57	57	65	65	70	65	55	53	60	64	65	64	65	70	68	64	65	57	60	57	58	59	60	60	60	62	64	61.5
PULASKI WATER PLANT	MAX	92	92	88	90	90	90	94	96	96	96	89	91	89	91	86	88	95	92	84	94	93	84	87	89	91	91	92	92	90	93	92	90.9
	MIN	59	62	62	55	59	58	59	60	70	70	58	55	58	64	65	67	68	74	72	67	70	70	60	57	55	60	58	59	61	59	64	62.4
SAVANNAH	MAX	97	90	88	90	92	95	96	99	100	96	89	92	94	91	87	86	95	90	89	96	93	81	87	88	90	91	93	93	94	90	92	91.7
	MIN	62	65	58	57	60	61	61	63	70	67	58	59	61	63	62	69	70	70	72	68	69	69	61	60	60	63	62	63	63	66	60	63.6
SHELBYVILLE 3	MAX	94	92	85	86	88	91	95	96	96	91	88	90	93	90	83	90	95	87	81	93	90	80	85	87	88	89	91	91	88	93	88	89.5
	MIN	60	65	59	58	59	59	62	63	66	67	53	52	69	64	65	64	68	70	71	67	68	68	59	58	57	57	57	61	60	59	62	62.2
SPRINGFIELD EXP STA	MAX	87	89	85	84	86	87	91	94	95	97	83	82	85	88	86	89	85	83	88	79	90	83	81	84	86	87	85	86	87	88	87	86.7
	MIN	60	62	60	56	56	60	61	67	70	65	58	56	56	64	67	67	67	69	70	68	68	64	62	61	60	60	61	61	62	62	62	62.6
WAVERLY 4 W	MAX	89	95	85	90	89	90	94	95	95	88	98	90	90	95	88	88	88	90	86	86	93	86	84	89	88	89	89	89	92	90	91	90.0
	MIN	56	62	56	50	55	56	56	59	61	60	53	52	57	59	62	67	65	66	70	66	67	65	63	60	56	58	58	58	63	62	65	60.1
WAYNESBORO	MAX	89	90	84	84	86	88	90	94	94	96	87	86	89	91	86	86	87	94	83	85	93	88	78	83	85	87	87	90	90	87	88	87.9
	MIN	57	60	54	50	54	56	58	59	63	66	52	52	59	60	60	64	65	69	72	65	68	68	58	55	54	57	56	59	63	55	63	59.7
WOODBURY 1 WNW	MAX	90	90	85	86	88	90	93	96	97	95	85	89	91	89	85	90	95	89	83	91	90	81	86	88	90	90	92	92	90	95	91	89.7
	MIN	60	62	59	57	56	56	60	60	63	66	51	52	58	63	64	65	67	70	72	67	65	69	59	55	54	55	56	59	59	58	59	60.5
* * *																																	
WESTERN 04																																	
BOLIVAR WTR WKS	MAX																																
	MIN																																
BROWNSVILLE	MAX	94	85	85	88	90	91	94	95	98	89	88	87	92	92	88	88	89	84	90	94	80	83	85	88	89	89	89	93	90	91	88	89.2
	MIN	65	67	59	59	61	62	64	67	71	63	60	60	61	66	65	71	67	71	73	72	70	69	65	64	63	65	65	64	69	65	68	65.5

See Reference Notes Following Station Index

DAILY TEMPERATURES

Station		Day of Month 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
COVINGTON 1 W	MAX	90	93	85	83	85	88	90	94	97	97	85	86	86	93	90	90	86	90	81	90	93	80	82	84	87	89	88	88	92	89	90	88.4
	MIN	65	67	59	59	60	62	62	64	66	64	60	60	60	61	65	65	66	68	71	72	69	67	64	63	64	64	63	63	64	64	65	64.1
DRESDEN	MAX	86	92	85	87	88	89	93	93	95	98	86	87	89	92	92	88	84	87	87	88	92	85	84	88	87	90	87	89	92	91	93	89.2
	MIN	60	64	58	57	60	58	59	62	68	61	58	59	60	63	62	63	63	65	70	68	66	62	59	60	60	62	62	61	63	62	63	61.9
DYERSBURG FAA AP	MAX	92	91	86	87	88	93	94	95	97	94	87	86	91	89	88	85	87	84	89	93	81	85	86	89	88	88	90	92	88	90	89	89.1
	MIN	67	67	60	59	64	61	64	68	76	66	62	63	61	65	67	59	65	71	71	71	69	65	63	65	62	66	64	65	66	64	65	65.2
HUNTINGDON SEWAGE PL	MAX	87	91	86	85	87	89	92	93	95	99	85	85	88	91	88	89	83	88	84	88	93	85	83	84	86	88	86	89	91	89	90	88.3
	MIN	59	62	55	53	56	57	58	62	67	61	55	54	57	61	61	62	66	67	70	68	67	67	63	60	58	60	59	60	61	60	63	60.9
JACKSON FAA AP	MAX	93	80	87	88	90	91	93	95	99	87	88	87	92	89	88	84	91	86	90	94	80	84	87	85	91	89	91	93	91	92	87	89.1
	MIN	63	61	59	59	62	62	65	67	71	66	60	61	62	65	63	68	67	72	73	71	69	69	66	64	62	66	64	64	68	65	70	65.3
JACKSON EXP STA	MAX	89	94	81	86	88	88	91	93	95	98	86	87	88	91	91	88	85	91	85	88	93	79	83	84	86	88	88	89	92	89	90	88.5
	MIN	61	67	59	57	59	60	62	64	71	64	59	61	61	65	66	68	67	68	73	70	70	69	67	62	60	64	63	62	66	63	65	64.3
LEXINGTON	MAX	86	91	83	84	86	90	90	92	95	97	86	87	88	91	88	89	84	91	84	87	91	81	82	85	85	88	88	89	90	88	89	87.9
	MIN	62	63	60	59	61	62	62	63	65	65	61	61	61	65	65	65	67	67	72	70	69	69	65	63	62	62	65	64	64	65	64	64.1
MARTIN U OF T BRANCH	MAX	92	91	86	87	89	93	93	95	98	94	87	88	92	92	89	85	88	88	90	94	90	85	87	89	90	88	90	92	92	90		90.1
	MIN	63	65	60	58	63	61	62	62	71	62	59	60	65	66	63	69	66	70	68	71	69	63	62	63	63	66	65	62	66	67		64.3
MEMPHIS WB AIRPORT	MAX	94	93	87	88	91	93	95	98	99	90	90	91	94	93	93	88	93	79	92	95	81	81	84	87	88	89	89	91	88	89	87	90.0
	MIN	70	65	63	64	64	65	66	73	76	70	64	66	63	69	67	70	70	74	75	75	73	69	67	67	68	71	68	67	70	67	71	68.6
MILAN	MAX	88	93	86	85	87	88	92	93	96	98	85	86	87	93	89	91	84	86	84	88	94	82	84	85	86	89	86	88	92	89	89	88.5
	MIN	58	61	54	53	56	56	57	60	66	60	54	55	56	57	60	62	63	70	69	68	69	67	62	61	60	61	61	61	61	61	63	60.7
MOSCOW	MAX	92	90	90	90	89	89	93	95	98	84	84	85	90	90	90	88	88	80	92	92	80	81	82	84	85	87	90	89	88	89	88	88.1
	MIN	70	56	60	60	58	58	59	62	64	68	65	60	58	60	63	60	58	58	67	68	70	68	65	64	65	64	65	64	64	62	61	62.7
NEWBERN	MAX	93	89	86	88	90	91	93	95	95	97	86	86	92	90	91	90	90	85	90	93	90	92	87	87	89	89	88	90	90	90	92	90.1
	MIN	63	65	50	55	60	57	59	65	70	64	57	59	61	65	62	67	68	67	70	68	67	64	60	60	58	60	60	58	62	62	62	63.6
PARIS 5 E	MAX	88	94	87	86	88	89	93	95	97	101	87	88	90	95	89	95	84	88	86	87	92	86	84	86	88	88	87	89	91	91	91	89.7
	MIN	60	60	59	57	58	59	59	61	67	61	56	56	57	55	64	64	67	68	69	70	69	65	61	61	60	61	61	61	62	62	63	61.7
RIPLEY	MAX	89	92	82	84	85	87	89	92	95	97	85	86	85	90	90	88	86	88	83	89	92	82	83	85	86	89	88	87	91	89	89	87.8
	MIN	67	69	62	61	62	63	63	65	68	65	62	62	60	64	66	68	67	68	72	69	70	68	65	65	65	66	66	65	65	67	67	65.5
SAMBURG WILDLIFE REF	MAX	89	93	82	85	86	89	91	93	96	99	85	87	86	92	90	91	85	87	89	92	94	84	84	88	88	89	88	90	93	90	92	89.3
	MIN	64	66	59	57	60	58	60	70	74	63	59	57	65	66	64	68	66	71	68	70	70	65	61	63	62	65	64	64	64	65	65	64.3
SELMER	MAX	89	92	89	86	87	90	91	94	96	98	86	87	87	90	90	89	88	90	82	89	92	81	80	85	86	88	88	90	90	88	90	88.6
	MIN	57	61	54	52	53	55	56	58	62	65	54	54	54	57	59	62	65	70	70	65	65	65	60	57	56	57	58	58	58	57	61	59.2
UNION CITY	MAX	86	89	82	83	84	86	89	90	92	96	82	83	84	88	88	88	83	85	88	87	92	83	82	86	86	88	87	88	90	89	90	86.9
	MIN	64	66	62	58	58	59	59	60	70	64	64	58	59	63	65	67	67	68	69	73	70	65	62	60	61	61	61	61	62	64	64	63.4

EVAPORATION AND WIND

Station		Day Of Month 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total or Avg.
* * * EASTERN 01																																	
JEFFERSON CITY EVAP	EVAP	.22	.19	.16	.15	.19	.07	.19	.21	.23	.30	.19	.21	.14	.20	.13	.25	.11	.13	.15	.10	.18	.19	.25	.20	.21	.20	.20	.18	.15	.29	.24	5.81
	WIND	15	20	24	10	6	11	11	15	61	97	25	17	11	18	11	19	10	11	13	68	18	18	17	15	12	11	11	12	10	12	14	623
	MAX	99	97	95	90	99	94	95	97	98	96	90	95	90	95	90	98	92	96	97	85	95	98	94	95	98	99	100	97	93	98	98	95.3
	MIN	68	69	70	68	67	65	62	66	66	66	65	65	65	65	64	65	66	70	70	71	68	68	61	60	60	64	65	67	65	66	64	65.8
KNOXVILLE EXP. STA.	EVAP	.23	.24	.76	.18	.19	.11	.30	.19	.26	.39	.26	.23	.20	.18	.16	.28	.12	.10	.17	.08	.23	.20	.21	.20	.21	.19	.21	.20	.16	.19	.30	6.93
	WIND	18	15	32	16	11	9	8	4	32	4	15	24	18	16	12	16	9	7	8	83	14	28	25	15	10	11	15	4	7	14	19	519
	MAX	96	96	95	89	91	90	95	96	92	92	90	90	94	92	87	93	90	90	92	80	94	96	87	92	93	93	94	95	91	92	93	91.9
	MIN	66	69	67	68	67	66	66	65	70	72	64	64	64	64	68	69	70	73	73	71	69	67	62	61	64	64	66	66	67	65	64	66.8
* * * MIDDLE 03																																	
CENTER HILL DAM	EVAP	.19	.24	.23	.24	.22	.20	.22	.20	.20	.40	.29	.21	.20	.19	.14	.15	.20	.24	.20	.26	.22	-	.04	.33	.23	.22	.21	.18	.11	.25	.14	6.568
	WIND	13	15	35	30	24	15	14	18	20	47	41	28	19	17	18	37	29	35	79	54	23	36	25	21	15	19	21	14	14	19	23	818
	MAX	92	95	93	92	91	92	96	93	99	100	89	86	92	92	89	88	91	95	85	74	94	86	85	92	94	94	92	94	93	92	92	91.4
	MIN	65	63	66	62	63	63	63	65	63	66	59	60	60	65	67	69	68	68	71	68	69	69	67	63	62	65	64	65	64	67	66	65.0
NEPTUNE 3 S	EVAP	.15	.15	.14	.20	.25	.20	.20	.26	.22	.35	.28	.17	.30	.25	.07	.24	.11	.10	.10	.07	.32	.08	.21	.22	.22	.21	.21	.16	.14	.18	.20	5.96
	WIND	4	4	15	12	6	5	3	12	16	42	20	10	8	15	10	19	17	5	45	29	2	9	15	5	6	5	6	4	2	5	3	359
	MAX	92	99	98	92	91	98	99	98	94	97	98	92	96	98	99	93	86	92	85	80	101	90	91	95	98	98	96	97	99	98	98	94.8
	MIN	63	68	65	62	61	63	64	64	64	66	62	61	60	64	65	67	68	70	71	72	71	71	70	68	67	65	68	68	70	61	69	66.1
* * * WESTERN 04																																	
JACKSON EXP STA	EVAP	.23	.32	.11	.25	.33	.18	.27	.33	.38	.60	.32	.28	.28	.23	.25	.37	.12	.17	-	.11	.24	.11	.18	.22	.24	.20	.26	.18	.21	.17	.37	7.768
	WIND	26	32	29	42	30	23	25	40	61	111	39	34	34	33	24	78	57	45	72	60	25	47	72	43	17	18	33	21	21	23	35	1250
	MAX	89	94	79	88	90	88	91	92	93	92	92	90	90	94	94	92	83	91	80	90	100	81	85	89	90	94	90	91	95	93	93	90.1
	MIN	66	68	61	62	63	65	66	67	70	67	65	64	64	64	66	70	68	66	70	71	71	70	64	64	65	66	66	67	68	68	68	66.5
SELMER	EVAP	.20	.18	.15	.22	.17	.20	.24	.20	.24	.39	.18	.22	.21	.20	.29	.09	.04	.16	-	.13	.21	.11	.10	.13	.22	.15	.20	.10	.20	.15	.15	5.618
	WIND	6	6	8	9	7	4	7	13	15	30	10	7	4	11	11	17	23	20	54	17	6	7	5	11	5	8	6	5	5	8	5	350
	MAX	91	92	92	90	95	94	95	95	95	97	95	95	96	96	88	89	92	97	95	95	95	90	85	95	95	95	96	95	95	95	97	93.8
	MIN	68	68	65	64	65	65	64	62	70	73	69	68	63	68	65	66	68	72	73	73	74	72	69	68	67	68	69	68	67	66	67	67.9

JEFFERSON CITY EVAP : OBSERVATION TIME: APRIL 1 TO OCTOBER 31, 7 A. M.;
NOVEMBER 1 TO MARCH 31, 4 P. M.

See Reference Notes Following Station Index

DAILY SOIL TEMPERATURES

TENNESSEE
AUGUST 1969

Station	Depth (IN)	Time	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
			Day of month																															
JACKSON EXP STA																																		
(BARE GROUND)	1	MAX	98	107	85	87	99	98	101	105	106	103	91	94	102	104	103	104	85	94	77	88	98	84	84	89	92	95	89	92	100	100	102	95.4
		MIN	74	69	62	59	60	65	66	70	71	67	61	62	65	65	69	68	67	66	69	69	70	68	63	63	62	65	63	63	65	65	65	65.7
	4	MAX	91	95	81	81	98	88	91	94	95	93	85	81	91	93	92	90	80	85	76	81	89	78	79	82	81	85	82	81	90	89	90	86.7
		MIN	75	74	69	67	68	71	71	74	76	74	69	70	75	71	74	74	72	72	73	73	74	73	69	69	69	69	70	69	69	71	70	71.4
(SOD)	1	MAX	78	82	77	76	76	76	75	77	78	79	75	77	77	78	76	76	75	78	77	76	80	78	78	77	79	83	77	76	77	84	78	77.6
		MIN	74	74	74	72	73	73	73	74	74	75	74	73	73	73	75	75	75	75	76	74	76	78	77	76	75	75	76	76	76	76	75	74.7
	4	MAX	77	77	76	75	75	74	77	77	76	76	76	76	75	77	77	76	76	78	77	77	79	79	79	79	78	80	77	77	78	77	77	76.9
		MIN	76	76	75	75	74	74	74	76	76	76	76	75	75	75	76	76	76	76	77	77	77	79	78	77	76	77	77	77	77	77	77	76.1
KNOXVILLE EXP. STA.																																		
(BARE GROUND)	1	MAX	104	103	104	93	89	88	98	98	96	98	98	97	100	98	91	100	93	90	90	79	93	97	83	87	95	94	95	94	90	92	93	94.2
		MIN	72	75	72	70	67	66	67	67	74	75	69	69	69	70	72	72	73	73	72	72	68	69	63	62	67	68	68	69	70	70	68	69.6
	4	MAX	92	91	91	84	82	82	87	88	87	88	88	87	88	87	84	87	85	83	84	74	85	86	77	80	83	83	84	85	83	83	84	84.9
		MIN	72	76	72	71	70	69	69	69	72	75	71	70	71	70	72	73	73	73	72	72	70	69	65	64	65	67	69	70	71	70	70	70.4
	8	MAX	90	89	88	85	83	83	85	85	85	85	86	84	84	85	84	85	84	83	84	80	84	85	80	82	82	84	85	86	85	86	86	84.6
		MIN	81	83	81	80	79	78	78	78	80	81	81	80	79	80	80	80	80	80	80	79	79	77	76	75	74	76	78	78	79	80	79	79.0
	20	MAX	81	83	83	83	83	83	83	83	83	81	81	81	81	81	81	82	81	81	81	81	81	80	80	80	80	79	79	79	79	79	79	81.0
		MIN	81	81	83	83	83	83	83	83	81	81	81	81	81	81	81	81	81	81	81	81	80	80	80	80	79	79	79	79	79	79	79	80.8
(SOD)	1	MAX	86	86	86	84	83	83	85	86	84	83	82	82	83	83	81	84	83	83	83	78	85	86	78	81	82	82	80	83	83	82	80	82.9
		MIN	76	76	75	76	75	74	75	75	76	77	74	73	73	75	74	75	76	77	77	76	75	71	71	72	73	73	73	74	74	73	73	74.4
	4	MAX	87	86	87	84	83	84	85	84	83	83	83	82	83	83	81	83	83	83	83	77	83	83	77	78	79	80	81	80	80	81	79	82.2
		MIN	78	77	76	77	76	76	75	75	76	78	76	75	74	74	75	75	76	77	77	76	76	72	71	72	73	74	74	74	75	73	74	75.1
	20	MAX	84	84	83	83	83	83	83	83	83	83	83	83	83	83	83	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82.5
		MIN	84	83	83	83	83	83	83	83	83	83	83	83	83	83	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82.5
SELMER																																		
	2	MAX	95	100	100	95	98	95	100	102	102	105	95	95	98	98	95	96	85	98	85	91	97	85	85	94	90	92	95	92	95	95	95	94.9
		MIN	71	75	70	68	70	64	70	70	69	74	70	69	70	70	69	70	69	69	75	75	75	75	76	70	71	70	71	73	70	70	70	70.9

JACKSON EXP STATION : SLOPE OF GROUND: LEVEL. SOIL TYPE: LINTONIA, BARE AND BERMUDA GRASS COVERED. INSTRUMENTATION: PALMER DIAL-TYPE (318) THERMOMETERS. MAX AND MIN FOR 24 HOURS ENDING AT 8 A. M.

KNOXVILLE EXP STATION : SLOPE OF GROUND: 6 PERCENT TO EAST. SOIL TYPE: CUMBERLAND SILTY CLAY LOAM, BARE AND BERMUDA GRASS COVERED. PALMER DIAL-TYPE SOIL THERMOMETERS. MAX AND MIN FOR 24 HOURS ENDING AT 8 A. M.

SELMER : SLOPE OF GROUND: 2 PERCENT TO SSE. SOIL TYPE: DEXTER SANDY CLAY. GROUND COVER: BARE. INSTRUMENTATION: PALMER DIAL-TYPE SOIL THERMOMETERS. MAX AND MIN FOR 24 HOURS ENDING AT 7 A. M.

SUPPLEMENTAL DATA

	Wind (Speed — m.p.h.)						Relative humidity averages-percent				Number of days with precipitation								
							Standard of Time EASTERN												
	Resultant Direction	Resultant Speed	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	01	07	13	19	Trace	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 and over	Total	Percent of Possible sunshine	Average sky cover sunrise to sunset
BRISTOL WB AIRPORT	3	1.0	4.4	25++	30	02	87	93	52	64	5	2	5	0	1	0	13	-	5.2
CHATTANOOGA WB AIRPORT	10	0.6	5.4	31	SW	15	91	96	61	64	1	4	4	0	2	1	12	61	5.2
KNOXVILLE WB AIRPORT	5	0.3	5.9	31	SW	19	86	90	60	63	7	2	7	0	1	1	18	79	5.3
MEMPHIS WB AIRPORT	7	2.4	7.1	40	NW	02	77	84	50	54	3	2	2	0	3	1	11	70	4.4
NASHVILLE WB AIRPORT	11	0.9	6.9	32	SW	19	83	90	53	57	2	3	4	0	1	0	10	77	4.2
OAK RIDGE WB	-	-	-	36 %	-	15	-	-	-	-	1	4	1	6	0	0	12	-	5.5

% PEAK GUST

STATION INDEX

STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE ‡	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES: TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	OBSERVER
ALLARDT	0081	02	FENTRESS	3	36 23	84 53	1672	6P	6P		H	OSCAR G. GERNT
ASHWOOD	0271	03	MAURY	4	35 35	87 08	725	5P	5P			THOMAS FLEMING
ATHENS	0284	01	MC MINN	7	35 26	84 35	940	8A	8A			*ATHENS UTILITY BOARD*
BEAUTY SPOT	0497	01	UNICOI	5	36 07	82 20	4210			C		TVA-224
BELVIDERE	0603	02	FRANKLIN	12	35 08	86 11	985			C		TVA-60
BETHPAGE	0669	03	SUMNER	3	36 29	86 19	565		7A			RAYMOND B. HINTON
BIG SYCAMORE	0724	01	HANCOCK	2	36 31	83 22	2300			C		TVA-336
BOLIVAR WTR WKS	0876	04	HARDEMAN	10	35 16	88 59	455	MID	MID	C		CITY WATER PLANT
BOLTON	0884	04	SHELBY	10	35 19	89 46	310		8A			BRYAN C. CANNON
BRISTOL WB AIRPORT	1094	01	SULLIVAN	8	36 29	82 24	1507	MID	MID	C	HJ	U.S. WEATHER BUREAU
BROWNSVILLE	1145	04	HAYWOOD	10	35 36	89 16	360	6P	6P			JOE T. NAYLOR
BROWNSVILLE SEWAGE PLT	1150	04	HAYWOOD	10	35 35	89 16	355			C		BROWNSVILLE SEWAGE PLT
BUTLER	1295	01	JOHNSON	8	36 22	82 02	2100			C		TVA-491
CAGLE	1323	02	SEQUATCHIE	12	35 28	85 27	2120			C		TVA-438
CARTHAGE	1480	03	SMITH	3	36 16	85 57	540	7A	7A	C		BENTON M. LOWE
CENTER HILL DAM	1569	03	DE KALB	1	36 06	85 49	581	8A	8A	8A		CORPS OF ENGINEERS
CENTERVILLE WATER PL	1587	03	HICKMAN	4	35 45	87 27	660	5P	5P			CENTERVILLE WATER PLANT
CHATTANOOGA WB AP	1656	01	HAMILTON	12	35 02	85 12	685	MID	MID	C	HJ	U.S. WEATHER BUREAU
CLARKSVILLE SEW PLT	1790	03	MONTGOMERY	3	36 33	87 22	382	8A	8A		H	CITY OF CLARKSVILLE
CLEVELAND 6 NNE	1808	01	BRADLEY	7	35 14	84 50	820	MID	MID			CITY OF CLEVELAND
COLDWATER	*1916*	*03*	*LINCOLN*	*12*	*35 05*	*86 44*	*626*	*5P*	*5P*		*H*	*H. R. MARSHALL*
COLUMBIA 2 N	1957	03	MAURY	4	35 38	87 02	690	4P	4P			CITY OF COLUMBIA
COMASAUGA 1 NNW	1978	01	POLK	11	35 01	84 44	775		8A	C		T. F. BROWDER
COOKEVILLE	2009	02	PUTNAM	1	36 09	85 31	1120	7A	7A			CHARLES K. FLATT
COPPERHILL	2024	01	POLK	7	35 00	84 23	1535	8A	8A		H	TENNESSEE COPPER CO.
COVINGTON 1 W	2108	04	TIPTON	10	35 34	89 40	310	7A	7A		H	LARRY S. FORTNER
CROSSVILLE FAA AP	2197	02	CUMBERLAND	2	35 57	85 05	1862	MID	MID		H	FED. AVIATION AGENCY
CROSSVILLE EXP STA	2202	02	CUMBERLAND	1	36 01	85 08	1810	7A	7A			PLATEAU EXP. STATION
CUMBERLAND CITY	2239	03	STEWART	3	36 23	87 38	430		6A			MRS. HAZEL A. VAUGHN
DALE HOLLOW DAM	2305	03	CLAY	3	36 32	85 27	560	8A	8A	C		CORPS OF ENGINEERS
DAYTON	2360	01	RHEA	12	35 29	85 02	830	6P	6P		H	BRYAN UNIVERSITY
DICKSON	2489	03	DICKSON	3	36 04	87 24	814	5P	5P	C	H	MRS. LEAH K. BRAKE
DOVER 1 W	2589	03	STEWART	3	36 29	87 51	475	8A	8A		H	NATIONAL MILITARY PARK
DRESDEN	2600	04	WEAKLEY	10	36 17	88 43	450	8A	8A			EARL C MC ALISTER
DRUMMONDS	2608	04	TIPTON	10	35 27	89 55	450			C		W. E. WILSON
DYERSBURG	2680	04	DYER	10	36 02	89 23	385			C		JOHNIE R. BARRETT
DYERSBURG FAA AP	2685	04	DYER	10	36 01	89 24	334	6P	6P		H	FED. AVIATION AGENCY
FAYETTEVILLE 1 NE	3074	03	LINCOLN	12	35 09	86 34	670	8A	8A			MRS. ELIZABETH TERRY
FRANKLIN SEWAGE PLANT	3280	03	WILLIAMSON	3	35 56	86 52	670	5P	7A			JOHN L. SMITH
GAINESBORO	*3366*	*03*	*JACKSON*	*3*	*36 21*	*85 40*	*500*		*7A*			*MRS. VINA R. PRUETT*
GATLINBURG 2 SW	3420	01	SEVIER	5	35 41	83 32	1454	8A	8A			NATIONAL PARK SERVICE
GREENEVILLE EXP STA	3679	01	GREENE	5	36 06	82 51	1320	6P	6P			BUR. OF PLANT IND.
GREENFIELD 1 W	3697	04	WEAKLEY	10	36 09	88 50	410			C		LESTER B. VOORHIES
HUMBOLDT	4392	04	GIBSON	10	35 50	88 55	430			C		S. A. BARRIX
HUNTINGDON SEWAGE PL	4417	04	CARROLL	10	36 00	88 26	405	8A	8A			CITY OF HUNTINGDON
JACKSON FAA AP	4556	04	MADISON	10	35 36	88 55	413	MID	MID		H	FED. AVIATION AGENCY
JACKSON EXP STA	4561	04	MADISON	10	35 37	88 51	400	8A	8A	8A	G	AGRICULTURAL EXP. STA.
JAMESTOWN	4590	02	FENTRESS	3	36 26	84 56	1750		7A			FRANK A BAESE
JEFFERSON CITY EVAP	4609	01	JEFFERSON	8	36 07	83 30	1200	4P	4P	4P	H	TVA-579
JEFFERSON CITY 3 ENE	4613	01	JEFFERSON	8	36 09	83 27	1170			C		HUGH J. MOSER, JR.
JOHNSONVILLE STEAM PL	4678	03	HUMPHREYS	12	36 02	87 59	385			C		TVA-17-A
KINGSPORT	4858	01	SULLIVAN	8	36 31	82 30	1284	6P	7A		H	ROBERT L. COLLINS
KINGSTON	4871	01	ROANE	2	35 52	84 32	755		7A			MISS M. ELIZ. LITTLETON
KINGSTON SPRINGS 2 NNE	4874	03	CHEATHAM	3	36 07	87 06	480	7A	7A			MRS. THELMA DILLINGHAM
KNOXVILLE EXP. STA.	4946	01	KNOX	12	35 53	83 57	830		8A	8A	G	AGRICULTURAL EXP STA
KNOXVILLE WB AP	4950	01	BLOUNT	12	35 49	83 59	980	MID	MID	C	HJ	U.S. WEATHER BUREAU
KNOXVILLE U OF TENN	4955	01	KNOX	12	35 57	83 55	895	10A	10A			UNIVERSITY OF TENNESSEE
LAFAYETTE	4987	03	MACON	3	36 32	86 02	984	5P	7A			MR. MARION D. DEERING
LASCASSAS 3 SW	5061	03	RUTHERFORD	3	35 55	86 20	560		6A			MISS CATHY A. MATTHEWS
LAWRENCEBURG FILT PL	5089	03	LAWRENCE	12	35 15	87 21	870	4P	4P			CITY OF LAWRENCEBURG
LEBANON	5108	03	WILSON	3	36 13	86 19	520	6P	7A	C		ACE L HILL
LEBANON 7 N	5118	03	WILSON	3	36 18	86 16	510		7A			JOHN J. MARTIN, JR.
LENOIR CITY	5158	01	LOUDON	12	35 48	84 15	785	7A	7A		H	LENOIR CITY UTILITIES
LEWISBURG EXP STA	5187	03	MARSHALL	4	35 27	86 48	787	8A	8A	C	H	U.S. DAIRY EXP. STA.
LEXINGTON	*5210*	*04*	*HENDERSON*	*12*	*35 41*	*88 23*	*529*	*7A*	*7A*			*WILLIAM P VETETO*
LINDEN 2	5278	03	PERRY	12	35 37	87 50	498	8A	8A			CITY OF LINDEN
LIVINGSTON	5327	02	OVERTON	3	36 23	85 19	1040		7A	C		MRS. DELIA E. PHILLIPS
LIVINGSTON RADIO WLIV	5332	02	OVERTON	3	36 23	85 19	1090	4P	4P			RADIO STATION WLIV
LYNNVILLE 4 SSW	5535	03	GILES	12	35 20	87 03	730	7P	7A			MRS EDITH E. LEE
MARTIN U OF T BRANCH	5681	04	WEAKLEY	10	36 19	88 51	367	6P	6P			MARTIN BRANCH UT
MASON	5720	04	TIPTON	10	35 24	89 32	319			C		WILLIAM J MARTIN
MC MINNVILLE	5882	02	WARREN	1	35 41	85 48	940	6P	6P		H	CITY OF MC MINNVILLE
MEMPHIS	*5946*	*04*	*SHELBY*	*10*	*35 09*	*90 03*	*205*			*C*		*MEMPHIS LIGHT-GAS-WATER*
MEMPHIS WB AIRPORT	5954	04	SHELBY	10	35 03	89 59	263	MID	MID	C	HJ	U.S. WEATHER BUREAU
MILAN	6012	04	GIBSON	10	35 56	88 46	430	7A	7A		H	RAYMOND H. FUCHS
MONSANTO	6154	03	MAURY	4	35 40	87 07	625	MID	MID			MONSANTO CHEM. CO.
MONTEAGLE	6162	02	GRUNDY	12	35 15	85 51	1930	4P	4P		H	MRS PEGGY A. PARTIN
MONTEREY	6170	02	PUTNAM	3	36 08	85 15	1950		7A	C		JESSE E. DUNCAN
MOSCOW	6274	04	FAYETTE	10	35 04	89 24	352	6P	6P		H	S. A. BROWNING
MOUNTAIN CITY NO 2	6292	01	JOHNSON	8	36 29	81 48	2437	6P	6P		H	MRS. IRENE E. LOVILL
MOUNT PLEASANT 2 SW	6340	03	MAURY	12	35 31	87 14	720	8A	8A		H	STAUFFER CHEMICAL CO.
MURFREESBORO 5 N	6371	03	RUTHERFORD	3	35 55	86 22	550	7A	7A	C		HENRY L. ROBINSON
NASHVILLE WB AP	6402	03	DAVIDSON	3	36 07	86 41	590	MID	MID	C	HJ	U.S. WEATHER BUREAU
NEPTUNE 3 S	6454	03	CHEATHAM	3	36 19	87 13	392	6A	6A	6A	C	CORPS OF ENGINEERS
NEWBERN	6471	04	DYER	10	36 07	89 16	370	5P	5P			CITY OF NEWBERN
NEWCOMB	6493	01	CAMPBELL	3	36 33	84 11	1070		7A			CARL R. DOUGLAS
NEWPORT 1 NW	6534	01	COCKE	5	35 59	83 12	1035	9A	9A		H	NEWPORT UTILITIES BOARD
NORRIS	6619	01	ANDERSON	2	36 11	84 04	1066	5P	5P			NORRIS FIRE DEPT
NORTH SPRINGS	6666	03	JACKSON	3	36 28	85 46	595		7A			MRS DIXIE CASSETTY
OAK GROVE	6709	04	HENDERSON	12	35 40	88 21	510			C		TVA-519
OAK RIDGE WB	*6750*	*01*	*ANDERSON*	*2*	*36 01*	*84 14*	*905*	*MID*	*MID*	*C*	*HJ*	*U.S. WEATHER BUREAU*
OLD HICKORY DAM	6803	03	DAVIDSON	3	36 18	86 39	460		6A			CORPS OF ENGINEERS
ONEIDA	6829	02	SCOTT	3	36 30	84 31	1450	7A	7A			MRS EULUS W SMITH
ORLINDA	6861	03	ROBERTSON	3	36 36	86 44	600		6A			ELMORE CLARK
PALMETTO	6950	03	BEDFORD	4	35 29	86 35	770	5P	5P		H	MRS GERTRUDE M WOODS
PARIS 5 E	6977	04	HENRY	12	36 19	88 18	450	7A	7A	C		MRS. LORA C. ROBBINS
PARSONS WATER PLANT	7015	03	DECATUR	12	35 37	88 07	400		4P			CITY OF PARSONS
PIKEVILLE	7184	02	BLEDSOE	12	35 36	85 11	864	4P	4P			C. LELAND FERGUSON
PORTLAND 6 NE	7359	03	SUMNER	6	36 39	86 27	790	5P	5P	C		HENRY F. SLICER, JR.
PULASKI WATER PLANT	7459	03	GILES	12	35 12	87 02	654	7A	7A			CITY OF PULASKI
RIPLEY	7710	04	LAUDERDALE	10	35 45	89 32	330	7A	7A			JAMES D. BROWN
ROCK ISLAND 2 NW	7811	02	WARREN	1	35 48	85 38	870			C		GREAT FALLS DAM TVA-870
ROCKWOOD 2	7834	01	ROANE	12	35 52	84 41	930	8A	8A			ROCKWOOD WATER DEPT.
RODDY	7850	01	RHEA	12	35 46	84 47	790			C		TVA-157
ROGERSVILLE 1 NE	7884	01	HAWKINS	8	36 24	82 59	1375	5P	5P		H	RADIO STATION WRGS
SAMBURG WILDLIFE REF	8065	04	OBION	10	36 23	89 21	290	8A	8A	C		U.S.FISH + WILDLIFE SVC
SAVANNAH	8108	03	HARDIN	12	35 14	88 15	440	6P	6P		H	MRS. A. AGNES LEDBETTER
SAVANNAH TVA	8113	03	HARDIN	12	35 13	88 14	450			C		TVA-34-A
SELMER	8160	04	MC NAIRY	10	35 10	88 35	480	7A	7A	8A	G	LOYD L. CARROLL
SEVIERVILLE 1 SE	*8179*	*01*	*SEVIER*	*5*	*35 52*	*83 33*	*930*	*MID*	*MID*			*RADIO STATION WSEV*
SHADY GROVE	8203	03	HICKMAN	4	35 43	87 17	580			C		TVA-380
SHELBYVILLE 3	8246	03	BEDFORD	4	35 29	86 27	785	6P	6P			FRANKLIN YATES
SPARTA 2 NW	8522	02	WHITE	1	35 57	85 30	890	8A	8A			RADIO STATION WSMT
SPRINGFIELD EXP STA	8562	03	ROBERTSON	3	36 28	86 50	745	6A	6A	C	H	LAWSON M. SAFLEY
STANLEY KNOBS	8598	01	HAWKINS	8	36 31	82 54	1250			C		TVA-516
STATESVILLE	8609	03	WILSON	3	36 01	86 08	723		7A			MRS MARTHA J. INGRAM
SUGAR HILL	8704	03	PERRY	4	35 33	87 49	580			C		TVA-505
SUMMITVILLE	8758	02	COFFEE	1	35 33	85 59	1120			C		TVA-443
SUNBRIGHT 2 SW	8766	02	MORGAN	3	36 14	84 41	1485			C		MRS RUBY P GALLAWAY
TAZEWELL	8868	01	CLAIBORNE	2	36 28	83 33	1360	9A	9A			ROY D. LOVE
TULLAHOMA	9155	02	COFFEE	4	35 22	86 12	1072	6P	6P			TULLAHOMA WATER PLANT
UNICOI 3 ESE	9209	01	UNICOI	12	36 10	82 18	2140	5P	5P			CITY OF JOHNSON CITY
UNION CITY	9219	04	OBION	10	36 25	89 04	340	6A	6A	C	H	MRS. EVY D. TAYLOR
VICTORY	9339	03	WAYNE	12	35 06	87 51	830			C		TVA-40
WATAUGA DAM	9455	01	CARTER	8	36 20	82 07	1760	5A	5A			TVA-596
WAVERLY 4 W	9492	03	HUMPHREYS	12	36 05	87 52	442	8A	8A			CITY OF WAVERLY
WAYNESBORO	9502	03	WAYNE	4	35 18	87 46	750	8A	8A		H	E. CHRIS JAMES
WHITE HOLLOW	9701	01	CAMPBELL	2	36 22	83 54	1500			C		TVA-327
WOODBURY 1 WNW	9866	03	CANNON	3	35 50	86 05	750	6P	7A			WILLIAM B. MOORE

‡ DRAINAGE CODE: 1-CANEY FORK 2-CLINCH 3-CUMBERLAND 4-DUCK 5-FRENCH BROAD 6-GREEN 7-HIWASSEE 8-HOLSTON 9-LITTLE TENNESSEE 10-MISSISSIPPI 11-OOSTANAULA 12-TENNESSEE

REFERENCE NOTES

Additional information regarding the climate of Tennessee may be obtained by writing to the Environmental Science Services Administration State Climatologist, Weather Bureau Airport Station, Berry Field, Nashville, Tennessee 37217, or to any Weather Bureau Office near you. Additional precipitation data are contained in "HOURLY PRECIPITATION DATA TENNESSEE".

DIMENSIONAL UNITS: Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F. In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

OBSERVATION TIME: The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time. Snow on ground in the "Snowfall and Snow on Ground" table is at observation time for all except Weather Bureau and FAA stations. For these stations snow on ground values are at 6:00 a.m., C.S.T. Data in the "Extremes" table, "Daily Precipitation" table, "Daily Temperature" table, "Evaporation and Wind" table, and snowfall in the "Snowfall and Snow on Ground" table, when published, are for the 24 hours ending at time of observation.

EVAPORATION is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following the Evaporation and Wind table. Max and Min values in the Evaporation and Wind table are extremes of temperature of water in pan as recorded during 24 hours ending at time of observation. Wind is the total wind movement in miles over the evaporation pan as determined by a continuous anemometer recorder located 6-8 inches above the pan.

WATER EQUIVALENT values published in the "Snowfall and Snow on Ground" table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record.

SNOWFALL: Entires of snowfall in the "Climatological Data" table, the "Snowfall and Snow on Ground" table, and in the "Seasonal Snowfall" table, include snow and sleet. Entries of snow on ground include snow, sleet, and ice.

NORMALS for all stations are climatological standard normals based on the period 1931-1960.

DIVISIONS, as used in this publication, became effective with data for September 1956.

STATION NAMES: Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

SEASONAL TABLES: Monthly and seasonal snowfall and heating degree days for the 12 months ending with the preceding June data will be carried in the July issue of this bulletin.

DELAYED DATA AND CORRECTIONS will be carried only in the June and December issues of this bulletin.

INTERPOLATED VALUES for monthly precipitation totals may be found in the annual issue of this publication.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

- \- No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, "Snowfall and Snow on Ground" table, "Daily Soil Temperature" table, and the "Station Index."

  No record in the "Climatological Data" table and the "Daily Temperature" table is indicated by no entry.
- \+ And also on an earlier date or dates.
- ++ Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data.
- * Amount included in following measurement, time distribution unknown.
- // Gage is equipped with a windshield.
- B Adjusted to a full month.
- D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
- M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
- R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amount to be published later in Hourly Precipitation Data.)
- T Trace, an amount too small to measure.
- V Includes total for previous month.

IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

- AR This entry in time of observation column in Station Index means after rain.
- C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Climatological Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.
- G "Soil Temperature" table.
- H "Snowfall and Snow on Ground" table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
- J "Supplemental Data" table.
- SS This entry in time of observation column in Station Index means observation made near sunset.
- VAR This entry in time of observation column in Station Index means variable.
- \# Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, CLIMATOLOGICAL DATA NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this State, price 40 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issue of Local Climatological Data, price 15 cents. These publications may be obtained from the Superintendent of Documents at the address shown above.

Subscription Price: 20 cents per copy, monthly and annual; $2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

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