

Monthly Station Normals of Temperature, Precipitation, and Heating and Cooling Degree Days 1971 - 2000

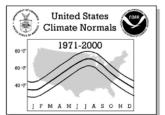




40 TENNESSEE



NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL ENVIRONMENTAL SATELLITE, DATA, AND INFORMATION SERVICE
NATIONAL CLIMATIC DATA CENTER
ASHEVILLE, NC



Monthly Normals of Temperature, Precipitation, and Heating and Cooling Degree Days 1971-2000

TENNESSEE Page 2

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United States Climate Normals 1971-2000 J F M A M J J A S O N D

CLIMATOGRAPHY OF THE UNITED STATES NO. 81

Monthly Normals of Temperature, Precipitation, and Heating and Cooling Degree Days 1971-2000

TENNESSEE Page 3

NOTES

Product Description:

This Climatography includes 1971-2000 normals of monthly and annual maximum, minimum, and mean temperature (degrees F), monthly and annual total precipitation (inches), and heating and cooling degree days (base 65 degrees F). Normals stations include both National Weather Service Cooperative Network and Principal Observation (First-Order) locations in the 50 states, Puerto Rico, the Virgin Islands, and Pacific Islands.

Abbreviations:

No. = Station Number in State Map

WBAN ID = Weather Bureau Army Navy ID, if assigned

Elements = Input Elements (X=Maximum Temperature,

N=Minimum Temperature, P=Precipitation)

Call = 3-Letter Station Call Sign, if assigned

MAX = Normal Maximum Temperature (degrees Fahrenheit)

MEAN = Average of MAX and MIN (degrees Fahrenheit)

MIN = Normal Minimum Temperature (degrees Fahrenheit)

HDD = Total Heating Degree Days (base 65 degrees Fahrenheit)

CDD = Total Cooling Degree Days (base 65 degrees Fahrenheit)

Latitude = Latitude in degrees, minutes, and hemisphere (N=North, S=South) COOP ID = Cooperative Network ID (1:2=State ID, 3:6=Station Index) Longitude = Longitude in degrees, minutes, and hemisphere (W=West, E=East)

Elev = Elevation in feet above mean sea level

Flag 1 = * if a published Local Climatological Data station

Flag 2 = + if WMO Fully Qualified (see *Note* below)

HIGHEST MEAN/YEAR = Maximum Mean Monthly Value/Year, 1971-2000 MEDIAN = Median Mean Monthly Value/Year, 1971-2000

LOWEST MEAN/YEAR = Minimum Mean Monthly Value/Year, 1971-2000

MAX OBS TIME ADJUSTMENT = Add to MAX to Get Midnight Obs. Schedule MIN OBS TIME ADJUSTMENT = Add to MIN to Get Midnight Obs. Schedule

Note: In 1989, the World Meteorological Organization (WMO) prescribed standards of data completeness for the 1961-1990 WMO Standard Normals. For full qualification, no more than three consecutive year-month values can be missing for a given month or no more than five overall values can be missing for a given month (out of 30 values). Stations meeting these standards are indicated with a '+' sign in Flag 2. Otherwise, stations are included in the normals if they have at least 10 year-month values for each month and have been active since January 1999 or were a previous normals station.

Map Legend: Numbers correspond to 'No.' in Station Inventory; Shaded Circles indicate Temperature and Precipitation Stations, Triangles (Point Up) indicate Precipitation-Only Stations, Triangles (Point Down) indicate Temperature-Only Stations, and Hexagons indicate stations with Flag 1 = *.

Computational Procedures:

A climate normal is defined, by convention, as the arithmetic mean of a climatological element computed over three consecutive decades (WMO,1989). Ideally, the data record for such a 30-year period should be free of any inconsistencies in observational practices (e.g., changes in station location, instrumentation, time of observation, etc.) and be serially complete (i.e., no missing values). When present, inconsistencies can lead to a nonclimatic bias in one period of a station's record relative to another, yielding an "inhomogeneous" data record. Adjustments and estimations can make a climate record "homogeneous" and serially complete, and allow a climate normal to be calculated simply as the average of the 30 monthly values.

The methodology employed to generate the 1971-2000 normals is not the same as in previous normals, as it addresses inhomogeneity and missing data value problems using several steps. The technique developed by Karl et al. (1986) is used to adjust monthly maximum and minimum temperature observations of conterminous U.S. stations to a consistent midnight-to-midnight schedule. All monthly temperature averages and precipitation totals are cross-checked against archived daily observations to ensure internal consistency. Each monthly observation is evaluated using a modified quality control procedure (Peterson et al., 1998), where station observation departures are computed, compared with neighboring stations, and then flagged and estimated where large differences with neighboring values exist. Missing or discarded temperature and precipitation observations are replaced using a weighting function derived from the observed relationship between a candidate's monthly observations and those of up to 20 neighboring stations whose observations are most strongly correlated with the candidate site. For temperature estimates, neighboring stations were selected from the U.S. Historical Climatology Network (USHCN; Karl et al. 1990). For precipitation estimates, all available stations were potential neighbors, maximizing station density for estimating the more spatially variable precipitation values.

Peterson and Easterling (1994) and Easterling and Peterson (1995) outline the method for adjusting temperature inhomogeneities. This technique involves comparing the record of the candidate station with a reference series generated from neighboring data. The reference series is reconstructed using a weighted average of first difference observations (the difference from one year to the next) for neighboring stations with the highest correlation with the candidate. The underlying assumption behind this methodology is that temperatures over a region have similar tendencies in variation. If this assumption is violated, the potential discontinuity is evaluated for statistical significance. Where significant discontinuities are detected, the difference in average annual temperatures before and after the inhomogeneity is applied to adjust the mean of the earlier block with the mean of the latter block of data. Such an evaluation requires a minimum of five years between discontinuities. Consequently, if multiple changes occur within five years or if a change occurs very near the end of the normals period (e.g., after 1995), the discontinuity may not be detectable using this methodology.

The monthly normals for maximum and minimum temperature and precipitation are computed simply by averaging the appropriate 30 values from the 1971-2000 record. The monthly average temperature normals are computed by averaging the corresponding monthly maximum and minimum normals. The annual temperature normals are calculated by taking the average of the 12 monthly normals. The annual precipitation and degree day normals are the sum of the 12 monthly normals. Trace precipitation totals are shown as zero. Precipitation totals include rain and the liquid equivalent of frozen and freezing precipitation (e.g., snow, sleet, freezing rain, and hail). For many NWS locations, indicated with an '*' next to 'HDD' and 'CDD' in the degree day table, degree day normals are computed directly from daily values for the 1971-2000 period. For all other stations, estimated degree day totals are based on a modification of the rational conversion formula developed by Thom (1966), using daily spline-fit means and standard deviations of average temperature as inputs.

Easterling, D.R, and T.C. Peterson, 1995: A new method for detecting and adjusting for undocumented discontinuities in climatological time series. Intl. J. Clim., 15, 369-377. Karl, T.R., C.N. Williams, Jr., P.J. Young, and W.M. Wendland, 1986: A model to estimate the time of observation bias associated with monthly mean maximum, minimum, and mean temperatures for the United States, J. Clim. Appl. Met., 25, 145-160.

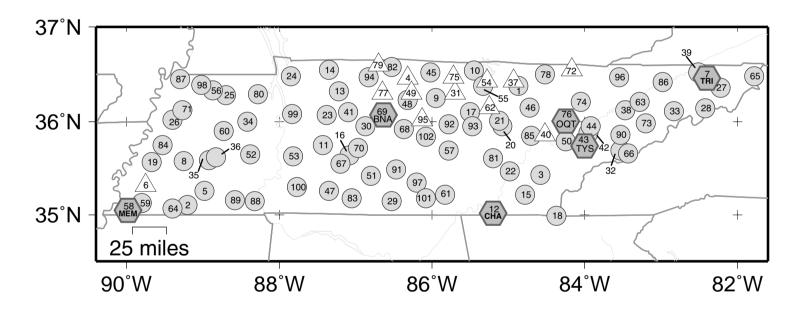
Peterson, T.C., and D.R. Easterling, 1994: Creation of homogeneous composite climatological reference series. Intl. J. Clim., 14, 671-679.

Peterson, T.C., R. Vose, R. Schmoyer, and V. Razuvaev, 1998: Global Historical Climatology Network (GHCN) quality control of monthly temperature data. Intl. J. Clim., 18, 1169-1179. Thom, H.C.S., 1966: Normal degree days above any base by the universal truncation coefficient, Month. Wea. Rev., 94, 461-465.

World Meteorological Organization, 1989: Calculation of Monthly and Annual 30-Year Standard Normals, WCDP-No. 10, WMO-TD/No. 341, Geneva: World Meteorological Organization.

Release Date: Revised 02/2002* National Climatic Data Center/NESDIS/NOAA, Asheville, North Carolina

40 - TENNESSEE

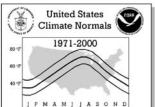


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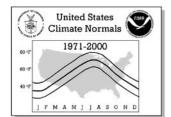
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1971-2000

No.	COOP ID	WRANID	Flements	STATION INVEN		Latitude	Longitude	Fley	Flag 1	Flag 2
1	400081	WBANID	XNP	ALLARDT	Call	36 23 N		1675	i lag i	+ +
2	400081		XNP	AMES PLANTATION		35 23 N	89 13 W	460		Ŧ
3	400284		XNP	ATHENS		35 26 N	84 35 W	940		+
4 5	400669 400876		P XNP	BETHPAGE 1 S		36 28 N 35 16 N	86 20 W 88 59 W	560 455		+
6	400876		P	BOLIVAR WATERWORKS BOLTON		35 10 N	89 45 W	300		т
7	401094	13877	XNP	BRISTOL TRI CITY AP	TRI	36 28 N	82 24 W	1500	*	+
8	401145		XNP	BROWNSVILLE		35 35 N	89 15 W 85 57 W	330		+
9 10	401480 401561		XNP XNP	CARTHAGE CELINA		36 15 N 36 32 N	85 57 W	515 540		
11	401587		XNP	CENTERVILLE WATER PL CHATTANOOGA AP		35 45 N	87 26 W	660		+
12 13	401656	13882	XNP XNP		CHA	35 02 N 36 19 N	85 12 W 87 13 W	671 392	*	+
14	401663 401790		XNP	CHEATHAM LOCK AND DAM CLARKSVILLE SEWAGE PLT		36 33 N	87 21 W	382		+
15	401808		XNP	CLEVELAND FILTER PLANT		35 13 N	84 48 W	800		+
16	401957		XNP	COLUMBIA 3 WNW COOKEVILLE COPPERHILL COVINGTON 1 W CROSSVILLE AP		35 39 N	87 05 W	650		+
17 18	402009 402024		XNP XNP	COOKEVILLE COPPERHILL		36 06 N	85 30 W 84 23 W	1090 1450		+
19	402108		XNP	COVINGTON 1 W		35 34 N	89 40 W	310		+
20	402197	03847	XNP	CROSSVILLE AP	CSV	35 57 N	85 05 W	1867		+
21 22	402202 402360		XNP XNP	CROSSVILLE EXP STN DAYTON 2 SE		36 01 N 35 28 N	85 08 W 85 00 W	1810 865		+
23	402489		XNP	DICKSON		36 04 N	87 23 W	780		+
24	402589		XNP	DOVER 1 W		36 29 N	87 52 W	475		+
25 26	402600 402685	03809	XNP XNP	DRESDEN DYERSBURG AP	DVR		88 42 W 89 24 W	450 337		+
27	402806	03003	XNP	ELIZABETHTON	DIII	36 22 N	82 14 W	1755		
28	402934		XNP	ERWIN 1 W		36 09 N	82 26 W	1720		
29 30	403074 403280		XNP XNP	FAYETTEVILLE WATER PLANT FRANKLIN SEWAGE PLANT		35 09 N 35 57 N	86 32 W 86 52 W	725 655		+
31	403370		P	GAINESBORO		36 18 N	85 42 W	487		+
32	403420		XNP	GATLINBURG 2 SW		35 41 N	83 32 W	1454		+
33 34	403679 404417		XNP XNP	GREENEVILLE EXP STN HUNTINGDON WATER PLANT		36 06 N 36 00 N	82 51 W 88 25 W	1320 440		+
35	404417	03811	XNP	JACKSON MCKELLAR-SPES AP	MKL		88 55 W	433		+
36	404561		XNP	JACKSON EXP STA		35 37 N	88 50 W	400		+
37 38	404590 404613		P XNP	JAMESTOWN JEFFERSON CITY		36 26 N 36 07 N	84 56 W 83 28 W	1690 1108		+
39	404813		XNP	KINGSPORT		36 07 N	82 32 W	1284		+
40	404871		P	KINGSTON		35 51 N	84 32 W	730		+
41 42	404876 404946		XNP XNP	KINGSTON SPRINGS KNOXVILLE EXP STN		36 06 N 35 53 N	87 07 W 83 57 W	517 830		+
43	404946	13891			TYS	35 33 N 35 49 N	83 59 W	962	*	+
44	404955		XNP	KNOXVILLE AP KNOXVILLE UNIV OF TENN LAFAYETTE		35 57 N	83 55 W	895		
45	404987		XNP				86 02 W	975		+
46 47	405040 405089		XNP XNP	LANCING 6 NW LAWRENCEBURG FILTER PLT		36 09 N 35 16 N	84 44 W 87 21 W	1520 870		+
48	405108		XNP	LEBANON			86 19 W	525		+
49	405118		P	LEBANON 7 N			86 16 W	510		+
50 51	405158 405187		XNP XNP	LENOIR CITY LEWISBURG EXP STN			84 16 W 86 48 W	785 787		+
52	405210		XNP	LEXINGTON		35 39 N	88 24 W	540		
53 E4	405278		XNP	LINDEN 2			87 50 W	498		
54 55	405327 405332		P XNP	LIVINGSTON 5 NE LIVINGSTON RADIO WLIV			85 17 W 85 20 W	960 975		+
56	405681		XNP	MARTIN UNIV OF TENN BRA		36 20 N	88 52 W	340		+
57	405882	12000	XNP	MC MINNVILLE			85 48 W	940	a.	+
58 59	405954 405956	13893 53828	XNP XNP	MEMPHIS INTL AP MEMPHIS WSFO	MEM	35 04 N 35 08 N	89 59 W 89 48 W	265 310	*	+
60	406012	55020	XNP	MILAN EXP STN			88 44 W	426		+
61	406162	93876	XNP	MONTEAGLE	MGL		85 51 W			+
62 63	406170 406271		P XNP	MONTEREY MORRISTOWN RADIO WCRK			85 16 W 83 17 W	1860 1360		
64	406271		XNP	MOSCOW RADIO WCRK			89 25 W	335		+
65	406292		XNP	MOUNTAIN CITY 2		36 29 N	81 48 W	2510		
66 67	406328 406340		XNP XNP	MT LECONTE MOINT DIFASANT 1 N			83 26 W 87 12 W	6493 778		
68	406340		XNP	MOUNT PLEASANT 1 N MURFREESBORO 5 N			87 12 W 86 23 W	778 550		+
69	406402	13897	XNP	NASHVILLE INTL AP	BNA	36 07 N	86 41 W	580	*	+
70	406435		XNP	NEAPOLIS EXP STN		35 43 N	86 59 W	700		



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1971-2000

		Д		07471011 11177	ITODY					
No.	COOP ID WBA	AN ID E	lements	Station Name		Latitude	Longitude	Elev	Flag 1	Flag 2
71	406471		XNP	NEWBERN		36 07 N	89 16 W	371		
72	406493		P	NEWCOMB			84 10 W	985		+
73	406534		XNP	NEWPORT 1 NW			83 12 W	1036		+
74	406619		XNP	NORRIS			84 04 W	1110		+
75	406666	0.41	P	NORTH SPRINGS 4NW			85 43 W	570		
76		841	XNP	OAK RIDGE ATDD	OQT	36 01 N		905	*	+
77 78	406803 406829		P XNP	OLD HICKORY DAM		36 18 N 36 30 N	86 39 W 84 32 W	460 1440		+
79	406861		P	ONEIDA ORLINDA		36 36 N		700		+
80	406977		XNP	PARIS 2 SE		36 17 N	88 18 W	443		+
81	407184		XNP	PIKEVILLE			85 12 W	878		+
82	407359		XNP	PORTLAND SEWAGE PLANT		36 35 N	86 32 W	794		+
83	407459		XNP	PULASKI WATER PLANT			87 03 W	634		+
84	407710		XNP	RIPLEY			89 32 W	335		+
85	407834		XNP	ROCKWOOD 2			84 42 W	860		+
86	407884		XNP	ROGERSVILLE 1 NE			82 59 W	1355		+
87	408065		XNP	SAMBURG WILDLIFE REF		36 27 N	89 18 W	310		
88	408108		XNP	SAVANNAH 6 SW		35 09 N	88 19 W	420		+
89 90	408160 408179		XNP	SELMER		35 10 N 35 52 N	88 36 W 83 33 W	470 930		+
90 91	408179		XNP XNP	SEVIERVILLE 1 SE SHELBYVILLE WATER DEPT		35 52 N 35 30 N	83 33 W 86 29 W	760		+
91 92	408405		XNP	SMITHVILLE 2 SE		35 50 N	85 48 W	890		+
93	408522		XNP	SPARTA		35 57 N	85 29 W	1020		+
94	408562		XNP	SPRINGFIELD EXP STN		36 28 N	86 51 W	745		+
95	408609		P	STATESVILLE			86 08 W	723		+
96	408868		XNP	TAZEWELL		36 28 N	83 34 W	1365		+
97	409155		XNP	TULLAHOMA		35 21 N	86 13 W	1022		+
98	409219		XNP	UNION CITY		36 24 N	89 02 W	350		+
99	409492		XNP	WAVERLY		36 05 N	87 50 W	540		
00	409502		XNP	WAYNESBORO		35 18 N	87 46 W	750		+
01	409800		XNP	WINCHESTER 1 E		35 11 N	86 06 W	940		
02	409866		XNP	WOODBURY 1 WNW		35 51 N	86 05 W	750		+



Monthly Normals of Temperature, Precipitation, and Heating and Cooling Degree Days
1971-2000

No.	Station Name	Element	JAN	FEB	MAR	APR	TEMF May	PERATU JUN	RE NOF	RMALS AUG	Degree SEP	s Fahrer OCT	nheit) NOV	DEC	ANNUAL
001	ALLARDT	MAX	43.6	48.6	57.5	66.8	73.9	80.6	83.8	82.9	77.1	67.4	56.5	47.2	65.5
		MEAN MIN	34.5 25.4	38.5	46.5 35.5	54.8 42.8	62.5 51.0	69.8 58.9	73.5	72.2 61.4	66.3 55.4	55.8 44.2	46.4 36.3	38.1	54.9 44.3
002	AMES PLANTATION	MAX	47.3	52.8	61.9	71.1	78.9	86.8	90.5	89.7	83.9	73.9	61.3	51.3	70.8
		MEAN	37.3	41.6	50.5	59.3	67.7	75.6	79.5	78.0	71.8	60.7	50.1	41.1	59.4
003	ATHENS	MIN MAX	27.3 46.7	30.4	39.1	47.4 69.9	56.5 77.3	64.4 84.5	68.5	66.3 87.1	59.6 81.5	47.4	38.8	30.9	48.1 69.1
003	AIRENS	MEAN	36.5	40.2	48.4	56.6	64.9	72.9	76.9	75.9	69.9	58.0	48.2	39.7	57.3
		MIN	26.2	28.6	36.0	43.2	52.4	61.2	65.8	64.7	58.2	44.7	36.2	29.1	45.5
005	BOLIVAR WATERWORKS	MAX	47.3	52.8	61.9	71.2	78.7	86.3	89.9	89.1	83.2	73.3	61.3	51.0	70.5
		MEAN MIN	37.3 27.3	41.7 30.6	50.5 39.1	59.5 47.7	67.7 56.6	75.7 65.1	79.6 69.2	78.0 66.9	71.4 59.6	60.1 46.9	49.8 38.3	41.0	59.4 48.2
007	BRISTOL TRI CITY AP	MAX	44.1	48.9	58.4	67.1	74.9	81.8	84.8	83.9	78.5	68.2	57.4	47.8	66.3
		MEAN	34.2	38.0	46.5	54.6	63.0	70.7	74.2	72.8	66.6	55.0	45.5	37.3	54.9
008	BROWNSVILLE	MIN MAX	24.3	27.0 52.0	34.6	42.0	51.0 79.0	59.5 86.8	63.5	61.7 89.3	54.7	41.8 73.3	33.6	26.8	43.4 70.2
		MEAN	37.2	42.1	51.1	60.2	68.9	77.0	80.6	78.9	72.3	61.0	50.4	41.1	60.1
000	G3 DEVI3 GE	MIN	28.3	32.1	40.9	49.3	58.8	67.1	70.8	68.5	61.2	48.7	40.2	31.9	49.8
009	CARTHAGE	MAX MEAN	45.5 35.4	50.5 39.1	60.0 47.8	69.1	76.7 64.8	84.4 73.2	88.3	87.4 76.5	82.0	72.0 58.4	60.2 48.2	49.9	68.8 57.3
		MIN	25.2	27.6	35.6	43.6	52.9	62.0	66.7	65.6	58.6	44.8	36.2	28.8	45.6
010	CELINA	MAX	45.7	51.3	60.9	70.0	77.9	85.6	89.2	88.4	82.4	73.0	60.9	50.3	69.6
		MEAN MIN	35.1 24.4	39.1 26.9	47.4 33.9	55.5 40.9	64.3 50.6	72.9 60.1	76.7 64.2	75.4 62.4	68.9 55.3	57.9 42.7	47.8 34.7	39.0 27.7	56.7 43.7
011	CENTERVILLE WATER PL	MAX	48.4	54.8	64.8	74.5	80.3	86.3	89.4	88.7	82.9	73.4	61.4	51.6	71.4
		MEAN	37.4	41.8	50.8	59.2	67.0	74.2	77.8	76.6	70.3	59.3	49.2	40.7	58.7
012	CHATTANOOGA AP	MIN MAX	26.4	28.8 54.1	36.7 62.8	43.9	53.6 79.1	62.0 86.2	66.2 89.8	64.5 88.7	57.6 82.5	45.1 72.3	36.9	29.7	46.0 70.8
012	CHATTANOOGA AF	MEAN	39.4	43.4	51.4	59.6	67.7	75.4	79.6	78.5	72.1	60.4	50.3	42.4	60.0
		MIN	29.9	32.6	40.0	47.0	56.2	64.6	69.4	68.3	61.7	48.5	39.5	32.7	49.2
013	CHEATHAM LOCK AND DAM	MAX	45.8 34.2	51.4 38.0	61.7 47.2	70.0	77.9 63.8	85.8 72.4	90.2	89.3 76.0	82.8	71.8	60.1 46.8	50.5	69.8 56.3
		MEAN MIN	22.5	24.5	32.6	39.9	49.7	59.0	64.3	62.6	55.2	42.7	33.4	26.3	42.7
014	CLARKSVILLE SEWAGE PLT	MAX	45.4	51.1	61.2	71.0	78.7	86.4	90.4	89.1	82.9	72.2	60.1	49.4	69.8
		MEAN MIN	35.2 25.0	39.9 28.6	48.8 36.4	57.7	66.3 53.8	74.7 62.9	79.0	77.3 65.4	70.6 58.2	58.7 45.2	48.2 36.2	39.2	58.0 46.0
015	CLEVELAND FILTER PLANT	MAX	48.2	53.6	62.1	71.0	78.0	85.1	67.5 88.5	87.6	81.5	71.6	60.6	51.4	69.9
		MEAN	38.0	42.0	49.8	57.6	65.6	73.5	77.5	76.4	70.1	58.6	48.6	41.0	58.2
016	GOLLIMDIA 2 LINEA	MIN	27.7	30.4	37.4	44.2	53.2	61.9	66.4	65.2	58.6	45.5	36.6	30.5	46.5
016	COLUMBIA 3 WNW	MAX MEAN	46.1 35.6	51.4 39.7	60.3 47.5	69.4 56.0	77.1 64.5	84.8 72.8	88.5 77.2	88.1 76.1	81.8	71.5 57.7	60.1 47.6	50.1 39.4	69.1 57.0
		MIN	25.0	27.9	34.6	42.6	51.9	60.7	65.8	64.1	56.8	43.8	35.1	28.6	44.7
017	COOKEVILLE	MAX	45.7	50.3	59.6	68.7	76.6	84.1	87.7	87.0	81.3	71.1	59.7	49.7	68.5
		MEAN MIN	35.5 25.3	38.8 27.3	47.4 35.2	55.7 42.7	64.3 51.9	72.5 60.8	76.5	75.2 63.3	68.8 56.3	57.5 43.8	47.8 35.9	39.2	56.6 44.7
018	COPPERHILL	MAX	49.0	53.6	61.5	70.6	77.7	84.0	87.5	86.6	81.1	72.0	61.8	52.7	69.8
		MEAN	37.7	41.0	48.1	55.8	63.9	71.2	75.6	74.6	68.5	57.4	48.7	40.8	56.9
019	COVINGTON 1 W	MIN MAX	26.4 45.9	28.3 51.5	34.7 61.0	41.0 71.0	50.0 79.8	58.4 88.0	63.6	62.5	55.8 83.6	42.8 73.6	35.6 60.5	28.9	44.0 70.5
-		MEAN	36.9		50.6	59.8	68.8	77.1	80.6	78.6	71.9	61.1	50.2	40.9	59.8
000	CD C COLLEGE DE LA DE	MIN	27.9		40.1	48.6	57.7	66.1	69.8	67.3	60.1	48.5	39.9	31.5	49.1
020	CROSSVILLE AP	MAX MEAN	43.9 35.1	48.7 39.1	57.4 47.1	66.4 55.2	73.8 63.0	80.7 70.4	84.0 74.4	83.2 73.2	77.3 67.1	67.5 56.2	56.6 46.9	47.6 38.8	65.6 55.5
		MIN	26.3	29.4	36.7	44.0	52.2	60.1	64.7	63.2	56.8	44.8	37.1	30.0	45.4
021	CROSSVILLE EXP STN	MAX	42.6	47.3	56.1	65.2	73.3	80.4	84.1	83.2	77.4	67.5	56.3	46.6	65.0
		MEAN MIN	32.6 22.6	36.5 25.7	45.1 34.1	53.6	61.9 50.5	69.3 58.1	73.2	71.8 60.4	65.8 54.1	54.9	45.6 34.8	36.6 26.5	53.9 42.8
022	DAYTON 2 SE	MAX	45.9	51.6	60.8	70.3	77.3	84.7	87.7	86.9	81.0	70.4	58.8	49.0	68.7
		MEAN	36.2	40.5	48.8	57.4	65.4	73.3	76.9	76.0	70.1	58.3	48.1	39.3	57.5
023	DICKSON	MIN MAX	26.5 45.1	29.3	36.7 60.7	70.3	53.5 77.0	61.8	66.1 87.4	65.0 86.8	59.1	46.1	37.3 59.2	29.6 49.4	46.3 68.5
323		MEAN	35.7	40.3	49.1	57.7	65.7	73.3	77.2	76.1	69.8	58.7	48.4	39.6	57.6
		MIN	26.3	29.6	37.4	45.1	54.3	62.6	66.9	65.3	58.8	46.5	37.6	29.8	46.7
024	DOVER 1 W	MAX MEAN	43.9 34.2	49.7 38.7	60.0 48.4	69.8 57.6	77.2 65.7	84.6 73.8	88.5 77.8	87.6 76.3	81.5 69.5	70.9 57.8	58.8 48.0	48.3	68.4 57.2
		MIN	24.4	27.6	36.8	45.3	54.1	62.9	67.0	64.9	57.4	44.7	37.1	28.3	45.9
025	DRESDEN	MAX	43.8	49.8	59.7	69.7	77.9	85.9	89.3	88.4	82.5	71.9	59.2	48.3	68.9
		MEAN MIN	34.4 25.0	39.3 28.7	48.8	58.1 46.4	66.8 55.7	75.1 64.2	78.7	77.1	70.7 58.9	59.2 46.5	48.6 37.9	38.7	58.0 47.0
		1.1 T.1A	23.0	20.7	37.0	10.4	55.1	UT.4	00.0	03.0	50.5	10.5	31.3	29.0	17.0

United States Climate Normals 1971-2000 60 7 19 M A M J J A S O N D

CLIMATOGRAPHY OF THE UNITED STATES NO. 81

Monthly Normals of Temperature, Precipitation, and Heating and Cooling Degree Days
1971-2000

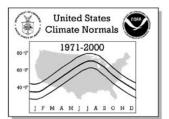
						TEME	EDATU	DE NO	OMALC A	Dograd	o Fobror	hoit\		
No. Station Name	Elemen	t JAN	FEB	MAR	APR	MAY	JUN	JUL	RMALS (AUG	SEP	oCT	NOV	DEC	ANNUAL
026 DYERSBURG AP	MAX	45.9	52.3	61.9	71.4	79.9	87.7	90.6	89.3	83.1	73.1	60.0	49.5	70.4
	MEAN	38.4	43.6	52.6	61.4	70.2	78.0	81.2	79.5	72.7	62.3	51.4	42.0	61.1
007 51 172 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	MIN	30.8	34.9	43.3	51.4	60.4	68.2	71.7	69.6	62.3	51.5	42.7	34.4	51.8
027 ELIZABETHTON	MAX MEAN	44.2 34.5	48.4 37.7	57.2 45.6	66.3 53.7	74.4 62.7	81.4 70.5	84.8	83.8 73.0	78.6 67.3	68.3 55.9	57.9 46.4	47.9 37.7	66.1 54.9
	MIN	24.7	27.0	33.9	41.1	51.0	59.5	63.7	62.1	56.0	43.5	34.8	27.5	43.7
028 ERWIN 1 W	MAX	46.1	51.1	59.6	68.0	75.5	82.8	85.8	85.0	79.7	69.6	59.6	50.2	67.8
	MEAN	35.5	39.2	47.1	54.7	62.7	70.6	74.2	73.3	67.6	56.3	47.2	39.1	55.6
	MIN	24.9	27.3	34.5	41.3	49.8	58.4	62.6	61.6	55.4	42.9	34.7	27.9	43.4
029 FAYETTEVILLE WATER PLAN		48.5	54.2	62.9	72.0	79.4	86.5	89.6	89.3	83.2	73.1	62.0	52.1	71.1
	MEAN MIN	38.5	42.9 31.6	50.6 38.3	58.2 44.4	66.6 53.7	74.1 61.6	77.7	76.7 64.1	70.4 57.6	59.1 45.1	49.6 37.1	41.6 31.1	58.8 46.6
030 FRANKLIN SEWAGE PLANT	MAX	45.0	50.6	60.1	69.3	77.1	84.8	88.9	87.8	81.7	71.3	59.1	49.2	68.7
	MEAN	35.1	39.2	47.9	56.3	65.0	73.2	77.4	75.9	69.3	57.8	47.5	39.0	57.0
	MIN	25.2	27.7	35.7	43.3	52.8	61.5	65.9	64.0	56.9	44.2	35.9	28.8	45.2
032 GATLINBURG 2 SW	MAX	47.6	52.0	60.9	69.4	76.0	82.1	84.8	83.7	78.6	69.7	60.3	51.0	68.0
	MEAN	36.3	39.2	47.0	54.4	62.3	69.6	73.3	72.0	66.4	55.7	46.8	39.3	55.2
022 CDEENEVILLE EVD CON	MIN	24.9	26.3	33.0 59.9	39.4	48.6 76.7	57.0 83.6	61.7 87.1	60.2 86.2	54.2	41.6	33.2	27.5	42.3 68.5
033 GREENEVILLE EXP STN	MAX MEAN	33.4	36.8	44.5	52.1	61.1	69.3	73.5	72.0	65.7	53.7	44.4	36.4	53.6
	MIN	20.4	22.5	29.0	35.6	45.4	54.9	59.9	57.8	50.3	36.7	28.6	22.3	38.6
034 HUNTINGDON WATER PLANT	MAX	42.6	48.5	58.0	67.9	76.1	84.0	87.6	86.7	80.5	69.6	56.9	46.6	67.1
	MEAN	33.2	37.6	46.6	55.8	64.5	72.9	76.7	75.0	68.1	56.2	45.8	36.8	55.8
	MIN	23.7	26.6	35.2	43.6	52.9	61.7	65.8	63.3	55.6	42.7	34.6	26.9	44.4
035 JACKSON MCKELLAR-SPES A		46.9	52.7	62.0	71.6	79.5	87.3	90.8	90.0	83.6	73.4	60.7	50.8	70.8
	MEAN MIN	37.8	42.6 32.5	51.3 40.6	60.1 48.6	68.6 57.7	76.7 66.0	80.3	78.8 67.5	72.1	61.1 48.7	50.3 39.9	41.5	60.1 49.4
036 JACKSON EXP STA	MAX	46.0	51.5	61.0	70.5	78.0	85.8	89.4	88.7	82.9	72.8	60.5	50.3	69.8
030 GACKBON EAT BIA	MEAN	37.1	41.6	50.8	59.4	67.8	75.7	79.6	78.3	71.8	60.5	50.0	40.9	59.5
	MIN	28.2	31.7	40.5	48.2	57.6	65.6	69.8	67.8	60.7	48.1	39.5	31.4	49.1
038 JEFFERSON CITY	MAX	44.8	50.4	59.3	67.6	76.0	82.7	86.4	85.1	80.2	69.5	58.8	48.8	67.5
	MEAN	34.7	39.1	47.1	55.5	64.9	72.3	76.2	74.5	68.4	56.3	47.0	38.3	56.2
020 KINGGDODE	MIN	24.6	27.7	34.8	43.3	53.8	61.8	65.9	63.9	56.6	43.0	35.2	27.8	44.9
039 KINGSPORT	MAX MEAN	44.9 35.6	50.2 39.1	59.7 47.4	69.1 56.0	77.0 65.0	83.6 72.4	86.9 76.2	85.7 74.7	80.3 68.9	70.0	58.9 47.5	48.7 39.0	67.9 56.6
	MIN	26.2	28.0	35.1	42.9	53.0	61.2	65.5	63.7	57.5	44.6	36.0	29.2	45.2
041 KINGSTON SPRINGS	MAX	45.5	51.2	60.8	70.3	77.6	85.0	88.7	88.2	82.2	72.1	60.3	49.9	69.3
	MEAN	34.6	38.7	47.8	56.2	64.7	73.0	77.1	75.9	69.0	57.3	47.4	38.6	56.7
	MIN	23.7	26.1	34.7	42.1	51.8	61.0	65.4	63.5	55.8	42.5	34.5	27.3	44.0
042 KNOXVILLE EXP STN	MAX	46.1	51.3	60.6	69.3	77.0	84.1	87.7	87.0	81.7	70.9	59.8	49.9	68.8
	MEAN	36.2	39.9	48.4	56.4	65.1	73.2	77.3	76.2	70.2	58.0	48.1	39.6	57.4
043 KNOXVILLE AP	MIN MAX	26.2 46.3	28.4	36.2	43.4 69.0	53.2 76.3	62.2 83.6	66.9 86.9	65.3 86.4	58.6	45.0 69.9	36.4 59.0	29.3	45.9 68.3
045 KNOXVILLE AF	MEAN	37.6	41.8	49.7	57.8	66.0	73.8	77.7	76.9	70.8	58.8	49.0	40.9	58.4
	MIN	28.9	31.8	39.1	46.6	55.6	63.9	68.5	67.3	60.8	47.7	38.9	31.9	48.4
044 KNOXVILLE UNIV OF TENN	MAX	46.6	51.6	61.1	70.5	77.8	84.7	88.2	87.0	81.2	70.9	60.1	50.3	69.2
	MEAN	38.5	42.1	50.6	59.3	67.3	74.7	78.7	77.7	71.7	60.2	50.7	42.0	59.5
0.45	MIN	30.3	32.6	40.1	48.0	56.8	64.6	69.1	68.3	62.1	49.5	41.3	33.6	49.7
045 LAFAYETTE	MAX	46.6	52.4	62.2 51.0	71.6	78.7 67.1	85.6 74.6	89.1	88.2 76.9	82.2	72.3	60.6	50.5 41.1	70.0 59.1
	MEAN MIN	37.5	42.3	39.8	59.4 47.2	55.4	63.5	78.3	65.6	70.7 59.2	60.1 47.8	50.1 39.6	31.6	48.2
046 LANCING 6 NW	MAX	43.4	48.3	57.4	67.1	74.7	81.6	84.8	83.9	78.1	68.8	56.9	47.7	66.1
	MEAN	33.7	37.3	45.3	53.9	61.9	69.9	73.7	72.4	66.1	55.4	45.7	37.4	54.4
	MIN	24.0	26.2	33.1	40.6	49.0	58.2	62.6	60.9	54.1	42.0	34.5	27.1	42.7
047 LAWRENCEBURG FILTER PLT		46.7	51.7	61.0	69.8	76.5	83.7	87.3	86.6	80.8	70.8	59.7	50.0	68.7
	MEAN	36.8	40.6	49.5	57.7	65.3	72.8	76.7	75.6	69.3	58.2	48.6	40.3	57.6
040 I EDANON	MIN	26.9	29.4	37.9	45.6	54.1	61.9	66.0	64.5	57.7	45.5	37.5	30.5	46.5
048 LEBANON	MAX MEAN	46.2 35.2	51.4 39.2	60.6 48.1	70.1 56.8	78.4 65.7	86.4 74.3	90.2 78.3	89.3 76.7	83.0 69.8	72.4 58.0	60.5 48.1	50.4 39.1	69.9 57.4
	MIN	24.2	26.9	35.6	43.5	52.9	62.1	66.4	64.1	56.6	43.5	35.7	27.8	44.9
050 LENOIR CITY	MAX	47.2	52.2	61.4	70.6	78.3	85.6	89.0	88.2	82.5	71.9	60.7	51.0	69.9
	MEAN	37.3	40.9	49.4	57.8	66.4	74.7	78.7	77.6	71.4	59.3	49.3	40.7	58.6
	MIN	27.4	29.5	37.4	44.9	54.5	63.7	68.3	67.0	60.3	46.7	37.9	30.4	47.3
051 LEWISBURG EXP STN	MAX	46.1	51.1	60.6	70.0	78.4	86.3	90.0	89.5	83.0	72.3	60.2	49.9	69.8
	MEAN MIN	35.4 24.6	39.0 26.8	47.8 34.9	56.0 41.9	64.9 51.4	73.3	77.4	76.0 62.4	69.2 55.4	57.7 43.0	47.6 35.0	38.7 27.4	56.9 44.0
052 LEXINGTON	MAX	46.8	52.6	61.9	71.8	79.5	87.4	90.7	89.5	83.7	73.0	60.8	50.3	70.7
	MEAN	36.9	41.6	50.2	58.9	67.6	76.2	79.7	78.5	72.2	60.2	49.8	40.5	59.4
	MIN	27.0	30.5	38.4	45.9	55.7	64.9	68.7		60.6	47.3		30.7	48.0
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United States Climate Normals 1971-2000 60 T 1971-3000

CLIMATOGRAPHY OF THE UNITED STATES NO. 81

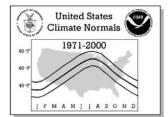
Monthly Normals of Temperature, Precipitation, and Heating and Cooling Degree Days
1971-2000

No. Simple Property Months Property Months Property Months							TEMP	PERATU	RE NOF	RMALS	Degree	s Fahrer	nheit)		
MIZAN 16.0 41.0	No. Station Name	Element	JAN	FEB	MAR	APR							,	DEC	ANNUAL
MIN MAX 44, 4 74, 4 44, 5 74, 5	053 LINDEN 2								1						
Des Livingston Radio Milm Max Mean Mean									1						
Martin	055 LIVINGSTON RADIO WLIV														
056 MARTIN UNIV OF TERN BWA MAX						1			1						
MILIN 24.0 28.6 48.2 57.5 66.6 75.3 29.3 77.5 70.4 59.0 48.1 38.2 57.5 46.4 67.5 57.7 48.5 57.7 48.5 46.4 67.5 67.5 57.7 48.5 48.2 46.4 67.5 67.5 57.7 48.5 48.2 48.2 48.4 48.2 57.5 57.5 48.5 48.2	OF MADEEN INITY OF TENNI DOA														
MIN 24.3 28.0 37.0 45.7 55.2 64.0 68.1 65.5 57.7 65.6 66.0 69.0 6	056 MARIIN UNIV OF IENN BRA														
MIT 19.2 1		MIN													
NEM MEMPHISINTLAP MAX 81, 61, 62, 63, 72, 82, 72, 82, 82, 82, 82, 82, 82, 82, 82, 82, 8	057 MC MINNVILLE											1			
084 MEMPHIS INTG AP MEAN MEA						ı			1			1			I I
MIN 13, 3 35, 5 43, 7 51, 9 60, 8 61, 8 72, 9 71, 2 64, 3 52, 5 62, 6 74, 5 52, 5	058 MEMPHIS INTL AP	MAX				1			1						
1.0 1.0						1			1						
MIN 24, 3 51, 2 50, 8 68, 8 77.3 81.1 70, 5 72, 9 61,5 50,8 81,6 60,4 MIN 24, 2 31,5 40,1 47,9 56,0 66,8 73.7 73, 73, 75,5 75,0 75,7 75,7 75,7 75,7 75,8 75,7	059 MEMPHIS WSFO														
B						1			1						
MIN 33.9 38.3 47.5 56.9 65.7 73.7 77.3 75.5 68.7 57.4 74.1 37.8 58.7 58.7 MIN 42.2 48.2 58.9 66.0 73.2 80.2 81.4 83.0 77.5 68.7 67.6 66.6 67.2 68.8 MEAN 34.7 34.7 34.7 38.6 58.0 61.1 61.7 61.7 61.7 61.7 61.7 MEAN 34.7 34.7 37.3 66.0 61.7 70.9 74.6 73.8 67.6 74.7 78.6 65.0 MEAN 34.7 37.2 59.5 61.7 70.7 74.6 73.8 67.6 74.7 78.6 65.0 MEAN 35.5 39.2 47.5 55.7 64.4 72.4 76.6 75.4 69.2 57.6 64.6 67.7 67.7 MIN 26.2 38.2 47.5 55.7 64.4 72.4 76.6 75.4 69.2 57.6 64.6 67.7 MEAN 35.5 39.2 47.5 55.7 64.4 72.4 76.6 75.4 69.2 57.6 64.6 67.5 MEAN 35.5 38.2 47.5 55.7 64.4 72.4 76.6 75.4 69.2 57.6 64.6 67.5 MEAN 35.5 38.2 47.5 55.7 64.4 72.4 76.6 75.4 69.2 57.6 67.4 67.5 MEAN 35.5 38.2 47.5 55.7 64.7 72.4 76.6 67.5 69.2 57.6 67.4 67.5 MEAN 37.5 48.5 57.5 64.6 67.5 66.4 67.5 67.5 67.5 67.5 MEAN 37.5 48.5 57.5 64.6 67.5 67.5 69.2 57.6 67.5 MEAN 37.5 48.5 57.5 64.6 67.5 67.5 69.2 57.6 67.5 MEAN 37.5 47.5 47.5 47.5 47.5 47.5 47.5 MEAN 37.5 48.5 47.5 48.5 47.5 48.5 47.5 MEAN 37.5 47.5 47.5 47.5 47.5 47.5 47.5 MIN 27.5 27.5 27.5 47.5 47.5 47.5 MEAN 37.5 47.5 47.5 47.5 47.5 47.5 47.5 MEAN 37.5 47.5 47.5 47.5 47.5 47.5 47.5 47.5 MEAN 37.5 47.5 47.5 47.5 47.5 47.5 MEAN 37.5 47.5 47.5 47.5 47.5 47.5 47.5 47.5 MEAN 37.5 47.5 47.5 47.5 47.5 47.5 47.5 47.5 MEAN 37.5 47.5 47.5 47.5 47.5 47.5 47.5 MEAN 37.5 47.5 47.5 47.5 47.5 47.5 47.5 47.5 MEAN 37.5 47.5 47.5 47.5 47.5 47.5 47.5 MEAN 37.5 47.5 47.5 47.5 47.5 47.5 47.5 MEAN 37.5	0.50														
DES MONTEAGLE MAX 42.2 48.2 59.9 43.7 43.5 53.0 61.1 65.0 62.0 54.3 42.1 34.4 26.3 43.8 65.0 65.1 MONTEAGLE MAX 43.7 39.2 47.3 56.0 63.7 70.9 74.6 73.8 63.3 57.6 67.5 76.6 76.6 76.6 76.0 76.0 76.0 76.0 76.0	060 MILAN EXP STN					1			l						
MEAN 19.1 24.7 39.2 47.3 56.0 63.7 70.9 74.6 73.8 68.3 57.6 47.7 38.6 56.0 63.0 MORRISTOWN RADIO NORK MAX 44.6 60.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 46.8 60.0									1						
MINN 26.2 20.1 37.6 45.9 54.2 61.5 56.8 64.6 57.0 47.6 38.7 29.9 48.8 36.7 57.0 48.0 57.0 48.0 57.0 48.0 57.0 48.0 57.0 48.0 57.0 48.0 57.0 48.0 57.0 48.0 57.0 48.0 57.0 48.0 57.0 58.0 48.0 57.0 58.0 48.0 57.0 58.0 48.0 57.0 58.0 48.0 57.0 58.0 48.0 57.0 58.0 48.0 57.0 58.0 48.0 57.0 58.0 48.0 57.0 58.0	061 MONTEAGLE					1			1						
064 MORRISTOWN RADIO WCRK MAX						ı			1						
MIN	063 MORRISTOWN RADIO WCRK														
064 MOSCOW MAX 91.4 55.5 64.6 73.4 79.8 86.8 90.2 89.4 83.9 74.1 63.2 52.9 71.9 MIN 29.5 44.5 53.0 61.0 68.8 51.8 76.1 79.8 74.2 71.8 60.8 51.8 42.9 67.9 MIN 29.6 33.4 41.3 48.5 57.8 67.1 76.6 6.9 59.7 47.4 40.3 32.9 49.4 67.0 66.5 MOUNTAIN CITY 2 MAX 43.3 44.5 53.0 48.5 57.8 67.8 67.8 67.8 67.8 67.1 66.7 56.6 47.0 64.4 MAX 13.3 41.6 42.7 50.4 59.0 66.6 57.8 67.8 67.8 67.1 66.7 56.6 47.0 64.4 MAX 13.3 41.6 42.7 50.4 59.0 66.5 57.8 67.3 62.5 50.0 44.6 47.0 64.4 MAX 13.3 41.6 42.7 50.4 59.0 67.5 50.5 64.4 70.2 36.5 29.3 22.4 38.3 50.6 MIN 27.0 18.0 23.8 31.2 51.4 58.7 55.8 57.8 58.8 57.4 54.2 51.7 MAX 17.0 18.0 23.8 31.0 50.5 51.4 54.7 55.3 58.8 57.4 54.2 51.7 MAX 17.0 18.0 23.8 31.0 50.5 51.4 54.7 54.8 51.7 MAX 17.0 18.0 23.8 31.0 50.5 51.4 54.7 54.8 51.7 51.8 57.8 51.8 57.4 54.1 35.7 28.4 42.4 51.0 51.7 MAX 17.0 18.0 23.8 31.0 50.5 51.4 54.7 54.8 51.7 MAX 17.0 18.0 23.8 31.0 50.5 51.4 54.7 54.8 51.7 MAX 17.0 51.0 51.4 50.5 51.0 54.4 54.8 51.7 MAX 17.0 51.0 51.0 51.0 51.0 51.0 51.0 51.0 51									l						
MEAN 19.5 44.5 53.0 61.0 68.8 76.1 79.6 78.2 71.8 60.8 51.8 42.9 60.7	064 MOSGOW														
MIN 29.6 33.4 41.3 48.5 57.8 57.8 67.4 69.0 66.9 59.7 47.4 40.3 32.9 49.4	064 MOSCOW					1			1						
MEAN 13.3 34.6 42.7 50.4 50.0 66.4 70.2 68.8 63.2 51.6 43.0 34.7 51.3						ı									
MIN 19.2 22.1 29.6 36.1 45.6 53.6 53.6 58.0 56.4 50.2 36.5 29.3 22.4 38.3	065 MOUNTAIN CITY 2														
MIN	066 MT LECONTE														
067 MOUNT PLEASANT 1 N MAX						ı									
MEAN 36.8 40.9 50.0 58.9 67.0 75.1 78.9 77.4 70.7 59.1 49.0 40.0 58.7	067 MOINT DIFASANT 1 N														
068 MURFREESBORO 5 N MAX MEAN 35.4 39.2 48.3 56.9 65.7 74.4 85.3 89.1 88.6 82.5 72.0 60.1 49.6 69.2 MEAN 35.4 39.2 48.3 56.9 65.7 74.0 78.1 76.1 70.0 58.1 48.3 39.2 57.5 74.0 69.8 MEAN 35.4 45.6 51.4 60.7 69.8 77.5 85.1 88.7 88.1 57.1 36.4 28.7 44.7 45.7 74.0 74.0 74.0 74.0 74.0 74.0 74.0 74	OUT MOUNT TEENDANT TIN					1			l						
MEAN 35.4 39.2 48.3 56.9 65.7 74.0 78.1 76.7 70.0 58.1 48.3 39.2 57.5 48.5 48.5 58.5 48.5 58.5 48.5 59.5 59.5															
MIN 25.3 27.8 36.5 44.2 54.0 62.6 67.1 64.8 57.4 44.1 36.4 28.7 45.7	068 MURFREESBORO 5 N					ı			1						
MEAN 36.8 41.3 50.1 58.5 67.1 75.1 79.1 77.9 71.3 59.9 49.3 40.5 58.9						1			1						
MIN 27.9 31.2 39.4 47.1 56.7 65.0 69.5 68.0 61.0 48.6 39.5 31.5 48.8	069 NASHVILLE INTL AP								l						
070 NEAPOLIS EXP STN MAX									l						
MIN 26.4 29.2 37.5 44.8 53.9 62.6 66.8 64.8 57.7 44.7 37.2 29.7 46.3 O71 NEWBERN MAX 43.6 49.5 59.3 69.7 78.3 86.3 89.9 88.5 82.4 72.3 59.1 48.3 68.9 MEAN 34.8 39.6 48.8 58.7 67.6 75.8 77.5 70.6 59.4 48.6 39.1 58.3 MIN 25.9 29.6 38.3 47.6 56.8 65.2 69.0 66.5 58.8 46.4 38.1 29.8 47.7 O73 NEWPORT 1 NW MAX 46.8 52.3 61.3 70.3 77.2 84.0 87.0 85.8 80.4 70.1 59.7 50.2 68.8 MEAN 36.9 40.4 48.7 56.8 65.0 72.8 76.4 75.1 68.8 57.0 47.5 39.5 57.1 MIN 26.9 28.5 36.0 43.3 52.7 61.5 65.8 64.3 57.1 43.8 35.2 28.7 45.3 MEAN 33.8 37.6 46.2 54.5 62.8 70.5 74.4 73.3 67.5 55.9 45.9 37.2 55.0 MIN 23.5 25.3 32.4 39.4 49.0 58.3 62.6 61.7 55.1 42.0 33.4 26.4 42.4 67.4 67.5 67.4 67.5 MIN 27.2 29.5 36.6 43.8 57.2 65.6 73.3 77.3 76.2 70.0 58.4 47.7 39.4 57.6 MIN 27.2 29.5 36.6 43.8 57.2 65.6 73.3 77.3 76.2 70.0 58.4 47.7 39.4 57.6 MIN 27.2 29.5 36.6 43.8 57.2 65.6 73.3 77.3 76.2 70.0 58.4 47.7 39.4 57.6 MIN 27.2 29.5 36.6 43.8 57.2 65.6 73.3 77.3 76.2 70.0 58.4 47.7 39.4 57.6 MIN 27.2 29.5 36.6 43.8 57.2 65.6 73.3 77.3 76.2 70.0 58.4 47.7 39.4 57.6 MIN 27.2 29.5 36.6 43.8 57.2 65.6 73.3 77.3 76.2 70.0 58.4 47.7 39.4 57.6 MIN 27.2 29.5 36.6 43.8 57.2 65.6 73.3 77.3 76.2 70.0 58.4 47.7 39.4 57.6 MIN 27.2 29.5 36.6 43.8 57.2 65.6 73.3 77.3 76.2 70.0 58.4 47.7 39.4 57.6 66.0 MIN 27.2 29.5 36.6 43.8 57.2 65.6 73.3 77.3 76.2 70.0 58.4 47.7 39.4 57.6 66.0 MEAN 33.8 38.4 47.9 59.2 69.1 76.8 84.4 88.0 87.2 80.7 66.4 65.2 58.8 45.7 36.4 29.8 46.2 66.0 MEAN 33.8 38.4 47.9 59.2 69.1 76.8 84.4 88.0 87.2 80.7 66.9 54.2 MIN 23.5 27.7 36.5 57.0 47.0 66.0 MIN 24.5 27.7 36.5 57.1 65.0 73.8 77.7 76.6 69.9 54.4 41.3 33.6 26.7 42.4 40.4 40.4 40.4 40.4 40.4 40.4 40.4	070 NEAPOLIS EXP STN														
071 NEWBERN MAX						1			1						
MEAN MIN 25.9 29.6 38.3 47.6 56.8 65.2 69.0 66.5 58.8 46.4 38.1 29.8 47.7 7.7 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	071 NEWDEDN														
073 NEWPORT 1 NW MAX	O'T NEWBERN					1			1						
MEAN MIN 26.9 28.5 36.0 43.3 52.7 61.5 65.8 64.3 57.1 43.8 35.2 28.7 45.3 074 NORRIS MAX 44.1 49.8 59.9 69.5 76.5 82.7 86.1 84.9 79.9 69.7 58.3 47.9 67.4 MEAN 33.8 37.6 46.2 54.5 62.8 70.5 74.4 73.3 67.5 55.9 45.9 37.2 55.0 MIN 23.5 25.3 32.4 39.4 49.0 58.3 62.6 61.7 55.1 42.0 33.4 26.4 42.4 076 OAK RIDGE ATDD MAX 45.9 51.6 61.0 70.5 77.8 84.9 88.1 87.2 81.1 71.1 59.0 49.0 68.9 MEAN 36.6 40.6 48.8 57.2 65.6 73.3 77.3 76.2 70.0 58.4 47.7 39.4 57.6 MIN 27.2 29.5 36.6 43.8 53.4 61.7 66.4 65.2 58.8 45.7 36.4 29.8 46.2 078 ONEIDA MAX 43.2 48.0 57.6 67.3 74.5 81.6 85.1 84.2 78.3 68.2 57.5 47.0 66.0 MEAN 33.5 37.0 45.1 53.4 61.7 69.9 74.0 72.6 66.4 54.8 45.6 36.9 54.2 MIN 23.7 26.0 32.5 39.5 48.8 58.1 62.9 60.9 54.4 41.3 33.6 26.7 42.4 080 PARIS 2 SE MAX 43.1 49.0 59.2 69.1 76.8 84.4 88.0 87.7 76.4 69.6 58.0 47.7 38.2 57.0 MIN 24.5 27.7 36.5 45.0 54.3 63.1 67.4 65.5 58.4 46.1 37.3 28.7 70.3 MEAN 33.8 38.4 47.9 57.1 65.6 73.8 77.7 76.4 69.6 58.0 47.7 38.2 57.0 MIN 24.5 27.7 36.5 45.0 54.3 63.1 67.4 65.5 58.4 46.1 37.3 28.7 70.3 MEAN 37.8 41.7 50.0 57.8 65.4 72.7 76.6 75.4 69.7 58.6 48.6 40.6 57.9 081 PIKEVILLE MAX 48.3 53.7 62.8 71.9 78.5 85.1 88.4 87.6 82.3 72.6 60.9 51.6 70.3 MEAN 37.8 41.7 50.0 57.8 65.4 72.7 76.6 75.4 69.7 58.6 48.6 40.6 57.9 072 80.8 1 PIKEVILLE															
MIN 26.9 28.5 36.0 43.3 52.7 61.5 65.8 64.3 57.1 43.8 35.2 28.7 45.3 074 NORRIS MAX 44.1 49.8 59.9 69.5 76.5 82.7 86.1 84.9 79.9 69.7 58.3 47.9 67.4 MEAN 33.8 37.6 46.2 54.5 62.8 70.5 74.4 73.3 67.5 55.9 45.9 37.2 55.0 MIN 23.5 25.3 32.4 39.4 49.0 58.3 62.6 61.7 55.1 42.0 33.4 26.4 42.4 07.6 OAK RIDGE ATDD MAX 45.9 51.6 61.0 70.5 77.8 84.9 88.1 87.2 81.1 71.1 59.0 49.0 68.9 MEAN 36.6 40.6 48.8 57.2 65.6 73.3 77.3 76.2 70.0 58.4 47.7 39.4 57.6 MIN 27.2 29.5 36.6 43.8 53.4 61.7 66.4 65.2 58.8 45.7 36.4 29.8 46.2 07.8 ONEIDA MAX 43.2 48.0 57.6 67.3 74.5 81.6 85.1 84.2 78.3 68.2 57.5 47.0 66.0 MEAN 33.5 37.0 45.1 53.4 61.7 69.9 74.0 72.6 66.4 54.8 45.6 36.9 54.2 MIN 23.7 26.0 32.5 39.5 48.8 58.1 62.9 60.9 54.4 41.3 33.6 26.7 42.4 08.0 PARIS 2 SE MAX 43.1 49.0 59.2 69.1 76.8 84.4 88.0 87.2 80.7 69.9 58.0 47.7 38.2 57.0 MIN 24.5 27.7 36.5 45.0 54.3 63.1 67.4 65.5 58.4 46.1 37.3 28.7 46.2 081 PIKEVILLE MAX 48.3 53.7 62.8 71.9 78.5 85.1 88.4 87.6 82.3 72.6 60.9 51.6 70.3 70.3 MEAN 37.8 41.7 50.0 57.8 65.4 72.7 76.6 75.4 69.7 58.6 48.6 40.6 57.9	073 NEWPORT 1 NW					ı			1			1			
074 NORRIS MAX MEAN M						ı			1						
MIN 23.5 25.3 32.4 39.4 49.0 58.3 62.6 61.7 55.1 42.0 33.4 26.4 42.4 076 OAK RIDGE ATDD MAX 45.9 51.6 61.0 70.5 77.8 84.9 88.1 87.2 81.1 71.1 59.0 49.0 68.9 MEAN 36.6 40.6 48.8 57.2 65.6 73.3 77.3 76.2 70.0 58.4 47.7 39.4 57.6 MIN 27.2 29.5 36.6 43.8 53.4 61.7 66.4 65.2 58.8 45.7 36.4 29.8 46.2 78.3 ONEIDA MAX 43.2 48.0 57.6 67.3 74.5 81.6 85.1 84.2 78.3 68.2 57.5 47.0 66.0 MEAN 33.5 37.0 45.1 53.4 61.7 69.9 74.0 72.6 66.4 54.8 45.6 36.9 54.2 MIN 23.7 26.0 32.5 39.5 48.8 58.1 62.9 60.9 54.4 41.3 33.6 26.7 42.4 08.0 PARIS 2 SE MAX 43.1 49.0 59.2 69.1 76.8 84.4 88.0 87.2 80.7 69.9 58.0 47.7 67.8 67.4 67.8 MEAN 33.8 38.4 47.9 57.1 65.6 73.8 77.7 76.4 69.6 58.0 47.7 38.2 57.0 MIN 24.5 27.7 36.5 45.0 54.3 63.1 67.4 65.5 58.4 46.1 37.3 28.7 46.2 081 PIKEVILLE MAX 48.3 53.7 62.8 71.9 78.5 85.1 88.4 87.6 82.3 72.6 60.9 51.6 70.3 MEAN 37.8 41.7 50.0 57.8 65.4 72.7 76.6 75.4 69.7 58.6 48.6 40.6 57.9	074 NORRIS	MAX	44.1			69.5			86.1	84.9				47.9	67.4
076 OAK RIDGE ATDD MAX						1			1						
MEAN MIN 27.2 29.5 36.6 43.8 57.2 65.6 73.3 76.2 70.0 58.4 47.7 39.4 57.6 MIN 27.2 29.5 36.6 43.8 53.4 61.7 66.4 65.2 58.8 45.7 36.4 29.8 46.2 67.8 ONEIDA MAX 43.2 48.0 57.6 67.3 74.5 81.6 85.1 84.2 78.3 68.2 57.5 47.0 66.0 MEAN 33.5 37.0 45.1 53.4 61.7 69.9 74.0 72.6 66.4 54.8 45.6 36.9 54.2 MIN 23.7 26.0 32.5 39.5 48.8 58.1 62.9 60.9 54.4 41.3 33.6 26.7 42.4 67.8 67.8 67.4 67.4 67.8 67.4 67.8 67.4 67.8 67.4 67.8 67.4 67.8 67.4 67.8 67.4 67.8 67.4 67.8 67.4 67.4 67.8 67.4 67.4 67.8 67.4 67.4 67.8 67.4 67.4 67.4 67.4 67.4 67.4 67.4 67.4	076 OAK RIDGE ATDD														
078 ONEIDA MAX 43.2 48.0 57.6 67.3 74.5 81.6 85.1 84.2 78.3 68.2 57.5 47.0 66.0 MEAN 33.5 37.0 45.1 53.4 61.7 69.9 74.0 72.6 66.4 54.8 45.6 36.9 54.2 78.3 68.2 57.5 47.0 66.0 66.0 MEAN 33.5 37.0 45.1 53.4 61.7 69.9 60.9 54.4 41.3 33.6 26.7 42.4 68.0 PARIS 2 SE MAX 43.1 49.0 59.2 69.1 76.8 84.4 88.0 87.2 80.7 69.9 58.0 47.7 67.8 MEAN 33.8 38.4 47.9 57.1 65.6 73.8 77.7 76.4 69.6 58.0 47.7 38.2 57.0 MIN 24.5 27.7 36.5 45.0 54.3 63.1 67.4 65.5 58.4 46.1 37.3 28.7 46.2 68.1 PIKEVILLE MAX 48.3 53.7 62.8 71.9 78.5 85.1 88.4 87.6 82.3 72.6 60.9 51.6 70.3 MEAN 37.8 41.7 50.0 57.8 65.4 72.7 76.6 75.4 69.7 58.6 48.6 40.6 57.9			36.6			ı	65.6	73.3	1	76.2	70.0	1			
MEAN MIN 23.7 26.0 32.5 39.5 48.8 58.1 62.9 60.9 54.4 41.3 33.6 26.7 42.4 42.4 63.6 67.4 69.9 60.9 60.9 60.9 60.9 60.9 60.9 60.9	0.50 0.555								1						
MIN 23.7 26.0 32.5 39.5 48.8 58.1 62.9 60.9 54.4 41.3 33.6 26.7 42.4 88.0 PARIS 2 SE MAX 43.1 49.0 59.2 69.1 76.8 84.4 88.0 87.2 80.7 69.9 58.0 47.7 67.8 MEAN 33.8 38.4 47.9 57.1 65.6 73.8 77.7 76.4 69.6 58.0 47.7 38.2 57.0 MIN 24.5 27.7 36.5 45.0 54.3 63.1 67.4 65.5 58.4 46.1 37.3 28.7 46.2 81 PIKEVILLE MAX 48.3 53.7 62.8 71.9 78.5 85.1 88.4 87.6 82.3 72.6 60.9 51.6 70.3 MEAN 37.8 41.7 50.0 57.8 65.4 72.7 76.6 75.4 69.7 58.6 48.6 40.6 57.9	U/8 ONEIDA					1			1						
MEAN MIN 24.5 27.7 36.5 45.0 54.3 63.1 67.4 69.6 58.0 47.7 38.2 57.0 MIN 24.5 27.7 36.5 45.0 54.3 63.1 67.4 65.5 58.4 46.1 37.3 28.7 46.2 081 PIKEVILLE MAX 48.3 53.7 62.8 71.9 78.5 85.1 88.4 87.6 82.3 72.6 60.9 51.6 70.3 MEAN 37.8 41.7 50.0 57.8 65.4 72.7 76.6 75.4 69.7 58.6 48.6 40.6 57.9						1			1						
MIN 24.5 27.7 36.5 45.0 54.3 63.1 67.4 65.5 58.4 46.1 37.3 28.7 46.2 081 PIKEVILLE MAX 48.3 53.7 62.8 71.9 78.5 85.1 88.4 87.6 82.3 72.6 60.9 51.6 70.3 MEAN 37.8 41.7 50.0 57.8 65.4 72.7 76.6 75.4 69.7 58.6 48.6 40.6 57.9	080 PARIS 2 SE					ı			1			1			I I
081 PIKEVILLE MAX 48.3 53.7 62.8 71.9 78.5 85.1 88.4 87.6 82.3 72.6 60.9 51.6 70.3 MEAN 37.8 41.7 50.0 57.8 65.4 72.7 76.6 75.4 69.7 58.6 48.6 40.6 57.9						ı			1						I I
MEAN 37.8 41.7 50.0 57.8 65.4 72.7 76.6 75.4 69.7 58.6 48.6 40.6 57.9	081 PIKEVILLE								1						
MIN 27.3 29.7 37.1 43.6 52.3 60.2 64.7 63.1 57.0 44.5 36.3 29.6 45.5		MEAN	37.8	41.7	50.0	57.8	65.4	72.7	76.6	75.4	69.7	58.6	48.6	40.6	57.9
		MIN	27.3	29.7	37.1	43.6	52.3	60.2	64.7	63.1	57.0	44.5	36.3	29.6	45.5



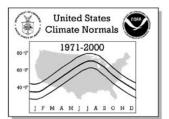
Monthly Normals of Temperature, Precipitation, and Heating and Cooling Degree Days
1971-2000

No.	Station Name	Element	JAN	FEB	MAR	APR	TEMP MAY	PERATU JUN	RE NOF JUL	RMALS AUG	(Degrees SEP	Fahrer OCT	nheit) NOV	DEC	ANNUAL
082	PORTLAND SEWAGE PLANT	MAX MEAN	42.9 34.5	48.3 38.9	58.4 48.3	68.2 57.6	76.2 66.4	84.0 74.6	88.3 78.8	87.3 77.3	81.1 70.7	70.0 59.0	57.8 48.6	47.2 38.6	67.5 57.8
002	PULASKI WATER PLANT	MIN MAX	26.0 47.5	29.5 52.6	38.1 61.9	47.0	56.6 78.0	65.2 85.1	69.2	67.3 88.4	60.2 82.7	48.0	39.3 61.2	30.0 51.4	48.0 70.1
003	POLASKI WATER PLANT	MEAN MIN	36.9 26.3	40.9	49.8 37.7	58.2 45.7	66.3 54.6	74.0 62.9	78.1 67.5	77.1	70.5 58.3	59.3 45.7	49.3	40.7	58.4 46.8
084	RIPLEY	MAX	45.3	51.3	60.7	70.7	79.3	87.1	90.6	89.3	83.2	73.5	60.2	49.5	70.1
		MEAN MIN	36.6 27.9	41.4	50.4	59.6 48.4	68.2 57.1	76.3 65.4	80.1	78.5 67.6	72.0 60.7	61.4 49.3	50.3	40.4	59.6 49.1
085	ROCKWOOD 2	MAX	45.2	50.2	59.5	69.3	76.6	83.7	87.0	85.9	80.5	70.0	58.8	48.8	68.0
		MEAN MIN	35.2 25.1	38.5 26.8	46.8 34.0	55.7 42.0	63.9 51.1	71.9 60.1	75.7 64.4	74.4 62.9	68.5 56.4	56.7 43.3	46.7 34.6	38.3 27.8	56.0 44.0
086	ROGERSVILLE 1 NE	MAX	45.7	51.2	60.9	69.8	76.9	83.5	86.8	85.9	80.3	70.3	58.9	49.3	68.3
		MEAN MIN	36.1 26.4	40.1 29.0	48.6 36.2	56.5 43.1	64.4 51.8	71.6 59.6	75.3	74.2 62.5	68.5 56.6	57.2 44.0	47.6 36.2	39.3 29.3	56.6 44.9
087	SAMBURG WILDLIFE REF	MAX	43.2	49.3	59.1	69.3	77.7	86.0	89.8	88.2	82.0	72.2	59.1	48.2	68.7
		MEAN MIN	33.4	38.4 27.4	48.1 37.1	57.6 45.8	66.7 55.6	75.2 64.4	79.1	76.9 65.6	70.0 57.9	58.8 45.4	48.4 37.6	38.5 28.7	57.6 46.5
088	SAVANNAH 6 SW	MAX	49.1	54.8	64.7	73.6	80.0	87.0	90.5	90.0	84.0	74.7	62.7	52.8	72.0
		MEAN MIN	38.2	42.5	52.2 39.7	60.5	68.2 56.4	75.7 64.4	79.3	78.2 66.4	71.9 59.8	61.3 47.8	51.1 39.5	42.0 31.2	60.1 48.2
089	SELMER	MAX	47.4	53.0	62.5	72.0	79.3	86.7	90.3	89.6	83.6	73.5	61.5	51.3	70.9
		MEAN MIN	37.5 27.5	41.9 30.7	50.8 39.0	59.1 46.2	67.4 55.4	75.1 63.5	78.9 67.4	77.6 65.5	71.3 58.9	60.0 46.4	50.0 38.4	41.2 31.0	59.2 47.5
090	SEVIERVILLE 1 SE	MAX	45.9	51.3	60.7	69.2	77.0	84.1	87.2	86.3	80.9	70.6	59.3	49.9	68.5
		MEAN MIN	35.4 24.9	39.3 27.3	47.5 34.3	56.0 42.7	64.8 52.6	72.6 61.0	76.2	75.0 63.7	69.0 57.1	57.0 43.4	47.0 34.7	38.7 27.5	56.5 44.5
091	SHELBYVILLE WATER DEPT	MAX	47.8	52.7	62.2	71.3	78.4	85.8	89.1	88.7	82.7	72.6	60.9	51.4	70.3
		MEAN MIN	37.5 27.2	41.5 30.3	50.2 38.2	58.1 44.9	66.4 54.3	74.1 62.4	78.0 66.9	77.1 65.5	70.7 58.6	59.4 46.2	49.3 37.6	40.9 30.4	58.6 46.9
092	SMITHVILLE 2 SE	MAX	44.8	49.5	59.2	68.4	76.5	83.9	87.2	86.3	80.4	70.5	59.1	49.1	67.9
		MEAN MIN	34.3	37.7 25.8	46.5 33.7	54.9	63.7 50.9	72.0 60.0	75.8	74.4 62.4	67.9 55.4	56.4 42.2	46.5 33.8	38.1 27.1	55.7 43.4
093	SPARTA	MAX	48.9	53.7	63.3	73.0	79.4	86.3	89.3 77.3	88.5	82.9	73.3	62.0	52.7	71.1
		MEAN MIN	38.7 28.4	42.2 30.6	50.5 37.7	58.5 43.9	66.0 52.5	73.6 60.9	65.2	76.0 63.4	70.0 57.1	59.1 44.8	49.8 37.5	42.0 31.3	58.6 46.1
094	SPRINGFIELD EXP STN	MAX	44.2 34.1	49.4 38.2	59.2 47.4	68.8 56.4	76.9 65.1	84.9 73.4	88.8 77.3	87.9 75.7	81.7 69.2	70.8 57.9	58.8 47.8	48.7	68.3 56.7
		MEAN MIN	24.0	26.9	35.5	43.9	53.2	61.9	65.8	63.5	56.7	45.0	36.7	38.3 27.9	45.1
096	TAZEWELL	MAX MEAN	43.3	48.4 36.5	57.5 44.6	67.1 53.0	75.1 62.2	82.5 70.4	86.0 74.6	85.1 73.4	79.7 67.2	68.9 54.6	57.5 44.8	47.3 36.5	66.5 54.3
		MIN	23.0	24.5	31.6	38.9	49.2	58.2	63.1	61.7	54.6	40.3	32.1	25.7	41.9
097	TULLAHOMA	MAX MEAN	46.2 36.9	50.9	60.0 49.1	69.0 57.2	76.2 65.3	83.9 73.2	87.1 77.0	86.6 76.0	80.8	70.8 58.7	59.3 48.7	49.8 40.4	68.4 57.8
		MIN	27.6	30.7	38.2	45.4	54.4	62.5	66.9	65.4	58.8	46.5	38.1	30.9	47.1
098	UNION CITY	MAX MEAN	42.5	48.4 38.3	58.3 47.7	68.5	77.4 66.5	85.9 75.0	89.4 78.6	88.1 76.5	81.8 69.5	71.3 58.2	58.2 47.5	47.2 38.0	68.1 57.2
		MIN	24.6	28.2	37.0	45.7	55.5	64.0	67.8	64.8	57.2	45.0	36.8	28.7	46.3
099	WAVERLY	MAX MEAN		51.9 39.0	61.5 47.8	71.1	78.9 65.7	85.7 73.7	89.6	89.0 76.3	82.8 69.1	72.3 57.5	60.4 47.1	50.1 38.4	70.0 57.0
		MIN	23.0	26.0	34.0	42.8	52.5	61.6	65.8	63.5	55.4	42.6	33.8	26.7	44.0
100	WAYNESBORO	MAX MEAN	47.2 36.1	52.6 39.9	61.8 48.4	71.3	78.3 65.0	85.6 73.2	89.1 77.2	88.6 75.9	82.9 69.6	72.6 57.9	61.1 48.1	50.7 39.6	70.2 57.3
		MIN	25.0	27.2	35.0	42.2	51.7	60.7	65.2	63.1	56.2	43.2	35.1	28.4	44.4
101	WINCHESTER 1 E	MAX MEAN	48.8	54.2 43.6	62.6 51.6	70.8	77.6 66.7	85.1 74.3	87.6 77.5	87.5 76.8	81.6 70.7	72.0 60.1	61.3 50.9	52.3 42.9	70.1 59.5
100		MIN	30.0	33.0	40.5	47.7	55.8	63.4	67.3	66.0	59.8	48.2	40.4	33.4	48.8
102	WOODBURY 1 WNW	MAX MEAN	46.8 35.8	51.8 39.3	61.0 48.1	70.2 56.4	77.7 64.9	85.7 73.2	89.0 77.0	88.6 75.9		72.5 57.7	60.5 47.7	50.7 39.2	69.8 57.1
		MIN	24.7			42.5	52.0	60.6	65.0	63.2		42.9	34.8	27.7	44.3



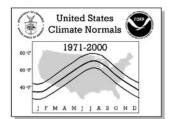
Monthly Normals of Temperature, Precipitation, and Heating and Cooling Degree Days
1971-2000

							<u> </u>		(T ():				
No. Station Name	JAN	FEB	MAR	APR	MAY	JUN	ON NOF	AUG	(Total in SEP	OCT	NOV	DEC	ANNUAL
	1												_
001 ALLARDT	4.91	4.08	5.46	4.12	5.64 5.68	5.18 4.71	5.14	4.66	3.71	3.21	4.66	4.95	55.72
002 AMES PLANTATION 003 ATHENS	4.63	4.32	6.32	5.51 4.80	4.86	4.71	4.38 4.65	2.86	5.04	3.67	5.23	5.36	56.07 58.39
004 BETHPAGE 1 S	4.37	4.13	5.56	4.19	5.64	4.41	4.65	3.80	4.01	3.44	4.78	5.46	54.44
005 BOLIVAR WATERWORKS	4.29	4.30	5.77	5.20	5.65	4.43	4.06	3.04	4.21	3.38	5.25	5.51	55.09
006 BOLTON	3.81	3.94	5.27	5.30	5.34	4.17	4.01	2.96	4.00	3.30	5.26	5.65	53.01
007 BRISTOL TRI CITY AP	3.52	3.40	3.91	3.23	4.32	3.89	4.21	3.00	3.08	2.30	3.08	3.39	41.33
008 BROWNSVILLE 009 CARTHAGE	4.25	4.32	5.38	4.87	5.61 5.38	4.29	4.35 4.96	2.77	3.56 3.68	3.13 3.29	4.95 4.26	5.77 5.47	53.25 53.47
010 CELINA	4.46	4.07	5.33	4.00	5.35	4.40	4.52	3.74	3.83	3.29	4.41	4.94	52.25
011 CENTERVILLE WATER PL	4.30	4.29	5.72	4.74	5.66	4.34	4.68	3.00	3.89	3.30	5.13	5.50	54.55
012 CHATTANOOGA AP	5.40	4.85	6.19	4.23	4.28	3.99	4.73	3.59	4.31	3.26	4.88	4.81	54.52
013 CHEATHAM LOCK AND DAM	3.85	4.33	5.51	4.21	5.43	4.61	4.47	2.84	3.80	3.23	4.49	4.98	51.75
014 CLARKSVILLE SEWAGE PLT	4.10	4.20	5.41	4.26	5.01	4.43	4.28	3.33	3.76	3.25	4.60	5.15	51.78
015 CLEVELAND FILTER PLANT 016 COLUMBIA 3 WNW	5.37	4.60	6.19	4.42	4.94 5.57	4.51	4.29 5.03	3.43	4.46 3.94	3.39	4.85	4.97 5.46	55.42 56.13
016 COLOMBIA 3 WNW	5.33	4.43	5.86	4.52	5.66	4.14	5.03	4.28	4.11	3.47	4.87	5.73	57.82
018 COPPERHILL	5.78	5.47	6.43	4.94	5.00	4.56	5.40	4.78	4.52	3.28	4.99	5.00	60.15
019 COVINGTON 1 W	4.21	4.27	5.41	5.34	5.22	4.20	4.13	2.75	3.62	3.26	5.28	5.61	53.30
020 CROSSVILLE AP	5.15	4.33	6.07	4.60	5.48	4.73	5.13	4.07	3.91	3.24	5.23	5.16	57.10
021 CROSSVILLE EXP STN	5.78	4.79	6.37	4.78	5.87	4.81	5.04	3.81	3.84	3.71	5.29	6.20	60.29
022 DAYTON 2 SE	5.51 4.30	4.77 4.51	6.32 5.72	4.60 4.70	5.35 5.84	4.10 4.58	4.58 4.64	4.10	4.62 4.15	3.47 3.43	5.19 5.25	5.62 5.36	58.23 55.44
023 DICKSON 024 DOVER 1 W	4.28	4.49	5.40	4.70	4.89	4.36	4.40	3.66	3.88	3.43	4.89	5.08	53.44
025 DRESDEN	4.14	4.35	5.17	5.09	5.50	4.94	4.93	3.43	3.82	3.28	4.94	5.21	54.80
026 DYERSBURG AP	3.79	4.19	4.69	4.81	4.74	4.49	4.22	2.95	3.02	3.45	4.87	5.14	50.36
027 ELIZABETHTON	3.60	3.75	3.92	3.29	5.11	4.40	4.75	3.45	2.99	2.07	3.02	3.49	43.84
028 ERWIN 1 W	3.39	3.41	4.07	3.71	5.47	4.81	5.82	3.74	3.39	2.16	2.74	3.13	45.84
029 FAYETTEVILLE WATER PLAN	5.29	4.58	6.41	4.49	4.97	4.70	4.19	3.13	4.12	3.62	5.23	5.63	56.36
030 FRANKLIN SEWAGE PLANT 031 GAINESBORO	4.45	4.18	5.78	4.37	5.68	4.12	4.64	3.57	3.90 4.13	3.27	4.95	5.42	54.33 55.94
032 GATLINBURG 2 SW	4.88	4.13	5.56	4.19	5.58	5.82	6.07	4.59	4.62	2.96	4.02	4.47	57.18
033 GREENEVILLE EXP STN	3.53	3.48	4.31	3.72	4.47	4.22	4.73	3.80	3.25	2.35	3.00	3.42	44.28
034 HUNTINGDON WATER PLANT	4.38	4.37	5.43	4.57	5.16	4.31	4.90	3.37	4.29	3.62	4.95	5.35	54.70
035 JACKSON MCKELLAR-SPES A	4.33	4.25	5.13	5.11	5.64	5.19	4.74	2.88	3.76	3.32	5.07	5.36	54.78
036 JACKSON EXP STA	4.32	4.17	5.39	4.79	5.78	4.99	4.74	2.92	3.91	3.39	5.11	5.35	54.86
037 JAMESTOWN 038 JEFFERSON CITY	5.03 4.05	4.33	5.64 4.60	4.33	5.81 4.76	5.09 3.94	4.80 4.26	4.48	4.09 2.62	3.25 2.15	4.61	5.39	56.85 45.45
039 KINGSPORT	3.87	3.67	4.20	3.35	4.70	4.00	4.64	3.70	3.10	2.13	3.22	3.55	44.44
040 KINGSTON	5.31	4.50	5.70	4.21	5.07	4.21	4.49	3.29	3.28	3.00	4.75	5.42	53.23
041 KINGSTON SPRINGS	4.02	4.37	5.39	4.27	5.37	4.28	4.03	3.27	4.03	3.40	4.78	5.06	52.27
042 KNOXVILLE EXP STN	5.30	4.43	5.66	4.22	4.98	4.49	4.91	3.52	3.25	3.05	4.43	5.09	53.33
043 KNOXVILLE AP	4.57	4.01	5.17	3.99	4.68	4.04	4.71	2.89	3.04	2.65	3.98	4.49	48.22
044 KNOXVILLE UNIV OF TENN 045 LAFAYETTE	4.75	3.91 4.37	5.04 5.71	3.52 4.34	4.33	4.77 4.54	3.97 4.76	3.40	3.03 4.40	3.03	4.10	4.37	48.22 56.38
046 LANCING 6 NW	4.62	3.54	5.01	4.18	4.97	5.22	5.29	3.43	3.76	2.63	4.05	5.18	51.88
047 LAWRENCEBURG FILTER PLT	5.57	4.69	6.59	4.86	5.81	4.21	5.16	3.67	4.63	3.55	5.65	6.08	60.47
048 LEBANON		4.17		4.38	5.24	4.58	4.71	4.02	4.00	3.40	4.62	5.21	54.47
049 LEBANON 7 N		4.22		4.00	5.25	4.51	4.36	4.07	3.92	3.29	4.76	5.30	53.68
050 LENOIR CITY		4.63		4.43	5.03	4.15	4.45	3.59	3.26		4.28	5.12	52.85
051 LEWISBURG EXP STN 052 LEXINGTON	4.97	4.07		4.51 4.53	5.33	4.43	4.58	3.12 2.74	4.50	3.79	5.15 4.45	5.38	56.15
052 LEXINGION 053 LINDEN 2	4.93	3.83 4.48	5.40 5.85	4.53	5.76	3.99 4.80	4.45 4.70	3.25	3.58 4.17	3.44	5.06	5.88	50.92 57.19
054 LIVINGSTON 5 NE	4.95		5.16	4.86	5.33	4.66	5.22	4.14	3.74	3.00	4.28	4.80	54.31
055 LIVINGSTON RADIO WLIV		3.97		4.10	5.25	4.44	4.94	4.16	3.62	2.96	4.38	4.81	52.59
056 MARTIN UNIV OF TENN BRA	3.76	4.31	4.93	5.13	5.23	4.50	4.80	3.11	3.61	3.59	4.98	5.18	53.13
057 MC MINNVILLE		4.16	5.84	4.22	5.08	4.52	4.51		3.94		4.83	5.23	53.65
058 MEMPHIS INTL AP	1	4.31	5.58	5.79	5.15	4.30	4.22	3.00	3.31	3.31	5.76	5.68	54.65
059 MEMPHIS WSFO 060 MILAN EXP STN	3.92	4.39 4.31	5.18 5.16	5.36 4.82	4.97 5.49	4.36 4.51	4.64 4.65	2.52	3.40 4.24	3.31	6.10 4.89	5.48 5.64	53.63 54.38
061 MONTEAGLE	5.98			5.03	5.52	4.78	5.44	4.04	4.24	4.25	5.88	5.93	63.77
062 MONTEREY	5.85		6.27	4.80	5.93	4.87	4.70	4.70	4.22	3.80	5.35	6.12	61.27
063 MORRISTOWN RADIO WCRK	4.19	4.02	4.58	3.53	4.46	4.17	4.74	3.89	2.74	2.15	3.35	4.17	45.99
064 MOSCOW	4.07		5.54	5.21	5.18	4.23	4.15	3.22	3.66	3.27	5.21	5.21	53.13
065 MOUNTAIN CITY 2	3.85		4.68	3.99	5.23	4.22	4.25	3.87	3.57	2.80	3.13	3.84	47.51
066 MT LECONTE 067 MOUNT PLEASANT 1 N	6.83	5.62 4.60	7.20 6.54	6.15 5.08	8.22 5.91	8.37 4.23	8.37 5.10	7.32	6.56 4.28	4.04 3.43	6.53 5.30	6.07 5.51	81.28 58.05
067 MOUNT PLEASANT I N 068 MURFREESBORO 5 N		3.96	5.84	4.22	5.25	4.23	4.91	3.40	4.28	3.43	4.80	5.23	54.98
069 NASHVILLE INTL AP		3.69		3.93		4.08	3.77		3.59	2.87			48.11



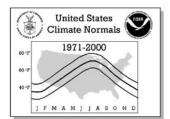
Monthly Normals of Temperature, Precipitation, and Heating and Cooling Degree Days
1971-2000

					DDEC	IDITATI	ON NOT	OMAL C	/Total in	Inches)			
No. Station Name	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
070 NEAPOLIS EXP STN	4.86	4.49	6.39	4.70	5.72	3.87	4.89	3.32	3.97	3.58	5.24	6.00	57.03
071 NEWBERN	4.03	3.97	4.81	5.33	5.11	5.07	3.98	3.18	3.18	3.60	5.12	5.41	52.79
072 NEWCOMB 073 NEWPORT 1 NW	4.34 3.78	4.20	5.02 4.47	4.11 3.70	5.37	4.41 3.96	4.57	4.37	3.45	2.95	4.25	4.43	51.47 45.14
074 NORRIS	4.91	4.18	5.64	4.69	5.19	4.98	4.32	4.09	3.51	2.30	4.70	5.09	54.32
074 NORRIS	4.85	4.12	5.97	4.09	5.11	4.61	4.56	3.89	3.92	3.27	4.48	5.54	54.32
076 OAK RIDGE ATDD	5.13	4.50	5.72	4.32	5.14	4.64	5.16	3.39	3.75	3.02	4.86	5.42	55.05
077 OLD HICKORY DAM	3.86	3.87	4.93	3.71	5.11	4.30	3.65	2.92	3.75	3.09	4.35	5.13	48.67
078 ONEIDA	4.69	4.18	5.51	4.19	5.28	4.84	5.01	4.54	3.65	3.67	4.53	4.78	54.87
079 ORLINDA	3.82	4.24	5.26	4.17	5.26	4.53	3.96	2.92	3.79	3.20	4.32	4.99	50.46
080 PARIS 2 SE	4.23	4.40	5.31	4.73	5.02	4.58	4.51	3.76	3.90	3.35	4.86	5.03	53.68
081 PIKEVILLE	5.16	4.52	5.85	4.34	5.12	4.31	4.24	3.66	4.08	3.27	4.79	5.20	54.54
082 PORTLAND SEWAGE PLANT	4.23	4.14	5.55	4.23	5.51	4.58	4.46	3.58	3.79	3.43	4.73	5.06	53.29
083 PULASKI WATER PLANT	5.21	4.65	6.21	4.39	4.93	4.58	4.40	3.29	4.36	3.53	5.26	5.66	56.47
084 RIPLEY	3.85	3.93	5.39	4.81	5.34	4.41	4.21	2.48	3.70	3.51	5.45	5.40	52.48
085 ROCKWOOD 2 086 ROGERSVILLE 1 NE	5.75 4.04	4.90 3.49	6.12 4.26	4.58 3.69	5.62 4.83	5.15 3.52	5.53 4.06	4.27 3.46	3.93 3.14	3.49 2.66	5.17	5.73 4.37	60.24 45.16
086 ROGERSVILLE I NE 087 SAMBURG WILDLIFE REF	3.51	4.07	4.26	5.01	5.39	3.52 4.39	3.94	3.46	3.14	3.64	4.78	5.10	51.19
088 SAVANNAH 6 SW	5.06	4.54	6.04	5.34	6.54	4.52	4.50	3.23	4.13	3.45	5.76	5.94	58.89
089 SELMER	5.00	4.42	5.88	5.34	6.10	4.30	4.65	2.78	4.13	3.45	5.68	5.79	57.46
090 SEVIERVILLE 1 SE	3.85	3.59	4.32	3.65	4.70	3.99	4.06	3.14	3.19	2.45	3.34	3.75	44.03
091 SHELBYVILLE WATER DEPT	4.99	4.34	6.23	4.27	5.30	4.77	5.05	3.36	4.25	3.88	5.37	5.35	57.16
092 SMITHVILLE 2 SE	4.94	4.35	6.04	4.04	5.32	4.56	4.76	4.14	4.16	3.51	4.78	5.59	56.19
093 SPARTA	5.30	4.22	6.02	4.19	5.68	4.80	4.54	3.94	3.78	3.39	4.95	5.77	56.58
094 SPRINGFIELD EXP STN	4.04	3.96	5.12	4.25	5.53	4.51	4.17	3.19	3.70	3.36	4.43	4.89	51.15
095 STATESVILLE	5.26	4.48	6.04	4.47	5.54	4.16	5.38	4.06	4.28	3.59	4.68	5.80	57.74
096 TAZEWELL	4.97	4.31	5.22	4.46	5.24	4.17	4.57	3.86	3.22	3.04	4.25	4.78	52.09
097 TULLAHOMA	5.51	4.86	6.73	4.94	5.28	4.74	4.80	3.52	4.33	3.89	5.47	5.97	60.04
098 UNION CITY	3.71	4.05	4.94	4.86	5.08	4.80	4.17	3.19	3.25	3.81	4.98	4.97	51.81
099 WAVERLY 100 WAYNESBORO	4.41 5.12	4.68	5.77	4.68 5.14	5.62 6.21	4.74	4.63 5.26	3.79	4.18	3.25	5.01	5.31	56.07 60.33
101 WINCHESTER 1 E	4.94	4.46	6.89	4.26	4.60	4.82	3.88	2.61	4.46	2.96	4.59	5.79	54.26
102 WOODBURY 1 WNW		4.41				4.50	4.79		4.43	3.69	4.64		57.11



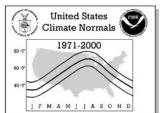
Monthly Normals of Temperature, Precipitation, and Heating and Cooling Degree Days
1971-2000

								DEGF	REE DAY	/S (Tota	D .				
No.	Station Name	Element	JAN	FEB	MAR	APR	MAY	JUN	JUL	AÙG	SEP	OCT	NOV	DEC	ANNUAL
001	ALLARDT	HDD	946	744	574	311	144	17	0	5	62	305	558	834	4500
002	AMES PLANTATION	CDD HDD	0 859	0 654	0 457	6 200	65 65	159 2	261 0	226 0	99 21	20 190	0 453	0 741	836 3642
		CDD	0	0	6	26	148	320	449	403	223	55	6	0	1636
003	ATHENS	HDD CDD	886 0	697 0	517 2	265 12	102 97	5 240	0 367	0 339	26 171	249 31	505 2	784 0	4036 1261
005	BOLIVAR WATERWORKS	HDD	858	652	456	197	67	2 10	0	1	26	203	459	744	3665
007	DDIGMOI MDI GIMV AD	CDD	0 939	0 745	6 561	30 306	148 110	322	450 3	404	219	52 303	4 570	0 43	1635
007	BRISTOL TRI CITY AP	HDD* CDD*	939	745	1	10	61	11 198	304	260	52 116	303 6	570	843	4445 956
008	BROWNSVILLE	HDD	864	644	439	184	47	1	0	0	18	178	444	742	3561
009	CARTHAGE	CDD HDD	0 920	0 727	534	38 270	168 106	359 5	483 0	431	236 26	54 238	5 505	796	1780 4127
		CDD	0	0	1	11	100	251	389	357	184	33	1	0	1327
010	CELINA	HDD CDD	928 0	725 0	546 0	294 7	122 99	6 242	0 363	1 322	37 154	260 37	518 2	806 0	4243 1226
011	CENTERVILLE WATER PL	HDD	856	649	447	188	62	2 2	0	1	29	221	479	755	3689
010	CILL THE AND OCC A. A.D.	CDD	0	0	4	14	122	276	397	360	186	43	3	0	1405
012	CHATTANOOGA AP	HDD* CDD*	797 0	618 0	432 5	195 32	48 124	2 312	0 450	0 418	16 229	180 35	442 2	697 1	3427 1608
013	CHEATHAM LOCK AND DAM	HDD	957	757	552	313	143	10	0	2	49	276	549	825	4433
014	CLARKSVILLE SEWAGE PLT	CDD HDD	0 924	705	0 504	12 242	106 93	231	379 0	341	168 33	35 242	1 507	802	1273 4058
011	OBINIO, IEEE DEMINE IEE	CDD	0	0	1	24	132	295	432	381	199	47	1	0	1512
015	CLEVELAND FILTER PLANT	HDD CDD	840 0	644 0	475 2	236 14	89 109	3 258	0 386	0 354	23 175	232 33	494 2	746 0	3782 1333
016	COLUMBIA 3 WNW	HDD	913	710	545	284	109	456	0	354	42	259	521	795	4183
015	400	CDD	0	0	1	13	93	238	376	345	171	30	0	0	1267
017	COOKEVILLE	HDD CDD	914 0	733 0	547 0	289 11	117 93	7 231	0 356	2 316	37 151	264 31	518 1	801	4229 1190
018	COPPERHILL	HDD	847	673	525	285	113	9	0	1	35	260	491	750	3989
019	COVINGTON 1 W	CDD HDD	0 871	0 659	1 452	10 193	78 57	195 1	327 0	297 0	138 20	24 176	1 449	0 749	1071 3627
010	COVINCION I W	CDD	0	0	4	36	173	361	484	421	227	52	4	0	1762
020	CROSSVILLE AP	HDD CDD	928 0	727 0	557 0	301 7	142 80	14 175	0 289	4 258	62 122	296 21	545 1	813 0	4389 953
021	CROSSVILLE EXP STN	HDD	1004	799	618	347	162	18	4	8	63	332	585	882	4822
000	DAVIDON 2 CE	CDD	0	0	0	6	65	146	256	218	85	18	1	0 797	795
022	DAYTON 2 SE	HDD CDD	893 0	688 0	505 1	239 10	85 96	4 250	0 370	0 339	24 175	238 29	510 1	0	3983 1271
023	DICKSON	HDD	907	694	498	237	83	3	0	0	33	237	500	788	3980
024	DOVER 1 W	CDD HDD	0 958	738	520	18 243	104 93	251 5	377 0	343	178 41	39 262	2 514	0 827	1315 4203
		CDD	0	0	5	20	112	266	395	350	175	38	2	0	1363
025	DRESDEN	HDD CDD	949 0	722 0	508 4	232 22	75 131	2 302	0 423	1 376	30 201	225 44	498 3	817 0	4059 1506
026	DYERSBURG AP	HDD	826	601	395	164	39	0	0	0	17	148	420	715	3325
027	EL TONDEMIMON	CDD	0 947	0 765	9 603	57 341	198 135	388 12	502 0	448	247 39	64 305	10 559	0 847	1923 4555
027	ELIZABETHTON	HDD CDD	947	765	0	341	63	176	287	249	107	22	0	0	907
028	ERWIN 1 W	HDD	915	722	556	314	141	10	0	1	42	295	537	805	4338
029	FAYETTEVILLE WATER PLAN	CDD HDD	0 821	0 618	0 449	3 222	69 76	178 3	286 0	257 0	120 31	24 233	1 466	0 727	938 3646
		CDD	0	0	2	17	124	275	394	363	193	51	2	0	1421
030	FRANKLIN SEWAGE PLANT	HDD CDD	926 0	724 0	531 1	275 13	104 102	5 249	0 385	1 340	37 166	262 37	527 1	807 0	4199 1294
032	GATLINBURG 2 SW	HDD	892	723	560	322	142	17	0	2	49	309	547	799	4362
022	ODERWEITTIE EVD OWN	CDD	0	700	627	201	58	153	255	217	91	19	620	0	797
033	GREENEVILLE EXP STN	HDD CDD	980 0	790 0	637 0	391 2	169 45	19 146	0 264	3 220	64 82	367 14	620 0	888 0	4928 773
034	HUNTINGDON WATER PLANT	HDD	989	770	570	291	113	6	0	2	49	299	577	876	4542
035	JACKSON MCKELLAR-SPES A	CDD HDD	0 842	0 627	0 432	14 184	96 50	241 1	362 0	313	140 19	25 175	0 444	730	1191 3504
		CDD	0	0	8	37	161	349	472	426	232	53	4	0	1742
036	JACKSON EXP STA	HDD CDD	866 0	655 0	447 5	199 29	63 151	2 323	0 451	0 412	22 224	191 49	455 4	749 0	3649 1648
038	JEFFERSON CITY	HDD	938	727	557	292	98	5	0	0	38	296	542	828	4321
		CDD	0	0	0	4	94	222	345	294	140	25	1	0	1125



Monthly Normals of Temperature, Precipitation, and Heating and Cooling Degree Days
1971-2000

039 KINDSPORT: MODE 913 726 545 276 91 3 0 0 28 663 576 808 3178 100 100 10 10 10 10 10	No.	Station Name	Element	JAN	FEB	MAR	APR	MAY	DEGF JUN	REE DAY JUL	/S (Tota AUG) SEP	OCT	NOV	DEC	ANNUAL
941 KINSTON SPRINSS HDD 942 737 536 277 112 6 0 1 42 268 329 819 4269 042 NOXVILLE EXP STN HDD 895 705 517 268 707 5 0 0 0 0 2 2 55 509 709 805 604 380 380 306 229 255 509 707 805 604 380 380 306 229 255 509 707 805 604 380 380 306 229 255 509 707 805 604 380 380 380 305 229 225 509 707 380 380 305 305 320 320 320 320 380 305 320	039	KINGSPORT	HDD	913	725	545	276	91	3	0	0	28	263	526	808	4178
DACK MOXIVILLE REF STN	0.44															
94 NOXYLLLE XEY S'IN 600 0 0 0 2 9 99 95 100 0 0 22 251 509 787 4056 043 NOXYLLE AP 600 0 1 0 0 2 9 99 96 149 381 151 77 32 36 90 91 91 91 91 91 91 91 91 91 91 91 91 91	041	KINGSTON SPRINGS														
948 MOXILLE AP	042	KNOXVILLE EXP STN														
Column C	0.42	MNOALLIE VD														
044 SMOVILLE UNIV OF TENN HDD	043	KNOXVILLE AP														
045 LARYSTTEE HDD 853 675 444 203 83 66 0 0 2 28 203 449 6 0 1520 666 LARYSTAE CDD 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	044	KNOXVILLE UNIV OF TENN	HDD			450			2	0	0	14	196	431	714	3531
Color Colo	045	1.														
CAP CAMMENICICELHICE FILTER FLIT HIDD 1875 685	013	DAFAIBIIB														
047 LAMERICKELURG FILTER PLT HIND COD 0 0 2 12 98 239 862 328 163 13 10 0 1237 03912 0391 03912 03914 049 059 059 059 059 059 059 059 059 059 05	046	LANCING 6 NW														
Column C	047	LAWRENCEBURG FILTER PLT														
18			CDD		0								31	1	0	1237
Section Sect	048	LEBANON														
STATE STAT	050	LENOIR CITY														
Column	0.54								-							
SEZ LEXINGTON	051	LEWISBURG EXP STN														-
STAINDEN	052	LEXINGTON		871		462		72	2	0	0	21	206	461		
CDD	0.5.2	IINDEN 2	-									-	-			
CDD	053	LINDEN Z							-							
See Martin Univ Of Tenn Bra hdd hdd hdd hdd hdd hdd hdd hdd hdd hd	055	LIVINGSTON RADIO WLIV														
CDD	056	MARTIN IINIV OF TENN BRA	-			_			-			_				
CDD	050	THEFTIN CHILD OF THEM BIG				_						_				
0.58 MEMPHIS INTL AP	057	MC MINNVILLE														
Number N	058	MEMPHIS INTL AP														
CDD						_							_			
MILAN EXP STN	059	MEMPHIS WSFO														
061 MONTEAGLE	060	MILAN EXP STN														
CDD	0.61	MONTHE A CL. E														
CDD	001	MONIEAGLE														
064 MOSCOW HDD CDD 793 by 380 by 157 by 380 by 157 by 360 by 157 by 370 by 192 by 193 by 193 by 194	063	MORRISTOWN RADIO WCRK														
CDD	064	MOSCOW														
CDD	001	11000011		1	3	7	36	165		452	409	234	61	6	0	
066 MT LECONTE	065	MOUNTAIN CITY 2					_									
CDD	066	MT LECONTE		-	-											
CDD									-			-				
068 MURFREESBORO 5 N	067	MOUNT PLEASANT I N														
069 NASHVILLE INTL AP HDD* CDD* 859 664 462 CDD* 462 37 136 321 453 416 229 46 5 0 1652 189 460 744 3677 1652 367 1652 070 NEAPOLIS EXP STN HDD 871 675 477 235 80 3 0 1 28 228 473 756 3827 CDD 0 0 3 24 126 292 424 379 193 39 3 0 1483 071 NEWBERN HDD 937 713 505 220 68 1 0 1 28 210 493 805 3981 CDD 0 0 3 28 147 324 448 388 196 36 1 0 1571 073 NEWPORT 1 NW HDD 873 688 507 255 101 4 0 0 35 276 527 792 4058 CDD 0 0 0 0 10 100 236 353 312 148 27 1 0 1187 074 NORRIS HDD 967 770 585 318 139 15 2 1 42 302 574 864 4579 CDD 0 0 0 0 2 69 179 292 258 117 18 0 0 935 076 OAK RIDGE ATDD HDD* 882 696 510 254 80 6 0 0 30 230 518 787 3993 CDD* 0 0 0 2 19 95 254 380 347 180 23 1 0 1301 078 ONEIDA HDD 978 784 618 352 173 21 1 10 61 333 584 874 4789 CDD 0 0 0 0 4 68 167 280 245 102 15 0 0 0 881 080 PARIS 2 SE HDD 967 746 534 256 93 4 0 0 2 42 251 523 831 4249	068	MURFREESBORO 5 N	HDD	918	723	521	259	93	4	0	1	32	252	503	801	4107
CDD*	069	NASHVILLE INTL AD														
CDD	009	MANUATURE INTO AF														
071 NEWBERN HDD 937 713 505 220 68 1 0 1 28 210 493 805 3981 CDD 0 0 3 28 147 324 448 388 196 36 1 0 1571 073 NEWPORT 1 NW HDD 873 688 507 255 101 4 0 0 35 276 527 792 4058 CDD 0 0 0 10 100 236 353 312 148 27 1 0 1187 074 NORRIS HDD 967 770 585 318 139 15 2 1 42 302 574 864 4579 CDD 0 0 0 2 69 179 292 258 117 18 0 0 935 076 0AK RIDGE ATDD HDD* 882 696 510 254 80 6 0 0 30 230 518 787 3993 CDD* 0 0 2 19 95 254 380 347 180 23 1 0 1301 078 ONEIDA HDD 978 784 618 352 173 21 1 10 61 333 584 874 4789 CDD 0 0 0 0 4 68 167 280 245 102 15 0 0 881 080 PARIS 2 SE HDD 967 746 534 256 93 4 0 2 42 251 523 831 4249	070	NEAPOLIS EXP STN														
CDD	071	NEWBERN														
CDD			CDD	0	0	3	28	147	324	448	388	196	36	1	0	1571
074 NORRIS HDD 967 770 585 318 139 15 2 1 42 302 574 864 4579 CDD 0 0 0 0 2 69 179 292 258 117 18 0 0 935 076 OAK RIDGE ATDD HDD* 882 696 510 254 80 6 0 0 30 230 518 787 3993 CDD* 0 0 2 19 95 254 380 347 180 23 1 0 1301 078 ONEIDA HDD 978 784 618 352 173 21 1 10 61 333 584 874 4789 CDD 0 0 0 4 68 167 280 245 102 15 0 0 881 080 PARIS 2 SE HDD 967 746 534 256 93 4 0 2 42 251 523 831 4249	073	NEWPORT 1 NW														
076 OAK RIDGE ATDD	074	NORRIS				-										
CDD* 0 0 2 19 95 254 380 347 180 23 1 0 1301 078 ONEIDA HDD 978 784 618 352 173 21 1 10 61 333 584 874 4789 CDD 0 0 0 4 68 167 280 245 102 15 0 0 881 080 PARIS 2 SE HDD 967 746 534 256 93 4 0 2 42 251 523 831 4249	05.5	ONE DIDGE 3777														
078 ONEIDA HDD 978 784 618 352 173 21 1 10 61 333 584 874 4789 CDD 0 0 0 4 68 167 280 245 102 15 0 0 881 080 PARIS 2 SE HDD 967 746 534 256 93 4 0 2 42 251 523 831 4249	076	OAK RIDGE ATDD														
080 PARIS 2 SE HDD 967 746 534 256 93 4 0 2 42 251 523 831 4249	078	ONEIDA	HDD	978	784	618	352	173	21	1	10	61	333	584	874	4789
	UBU	DARTS 2 SF														
	000	IDNIO 2 DE														



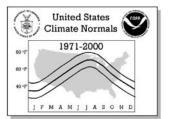
Monthly Normals of Temperature, Precipitation, and Heating and Cooling Degree Days
1971-2000

] F M A M]] A S O N D							2505	.== 5.4	10 (T)					
No. Station Name	Eler	nent JAN	FEB	MAR	APR	MAY	JUN	JUL	YS (Tota AUG	SEP	OCT	NOV	DEC	ANNUAL
081 PIKEVILLE	HDD			470	229	89	4	0	0	26	234	493	756	3796
082 PORTLAND SEWAGE	CDD PLANT HDD			2 520	11 242	102 90	235 3	358 0	322 0	166 28	33 227	2 496	0 818	1231 4103
083 PULASKI WATER P	CDD LANT HDD			0 474	20 221	133 74	292 3	426 0	381 0	198 24	41 216	2 473	0 753	1493 3784
	CDD	(0	2	16	114	274	406	374	189	38	2	0	1415
084 RIPLEY	HDD CDD			459 5	198 34	64 162	1 339	0 466	0 416	19 228	172 60	447 5	765 0	3667 1715
085 ROCKWOOD 2	HDD CDD			566 0	288 8	121 84	8 214	0 332	1 293	40 143	285 26	551 1	827 0	4354 1101
086 ROGERSVILLE 1 N	E HDD	898	697	510	262	111	10	0	1	37	274	524	798	4122
087 SAMBURG WILDLIF	CDD E REF HDD			0 526	6 247	91 78	206 1	318 0	286 1	141 34	30 224	1 502	0 823	1079 4164
088 SAVANNAH 6 SW	CDD HDD			1 406	23 170	129 51	308	437 0	370 0	182 21	32 179	2 424	0 714	1484 3430
	CDD	(0	10	36	150	324	444	409	228	62	7	0	1670
089 SELMER	HDD CDD			447 6	200 23	70 142	3 304	0 430	0 388	26 213	200 45	454 3	739 0	3643 1554
090 SEVIERVILLE 1 S	E HDD CDD	l l		543 0	277 6	100 93	5 231	0 345	1 310	36 156	280 32	542 1	817 0	4240 1174
091 SHELBYVILLE WAT	ER DEPT HDD	853	658	462	223	77	3	0	0	25	216	475	747	3739
092 SMITHVILLE 2 SE	CDD HDD			3 576	16 310	119 125	277 8	404 0	374 1	195 48	42 297	3 558	0 835	1433 4476
093 SPARTA	CDD HDD			0 456	5 215	84 97	216 5	332 0	292 0	134 28	28 226	1 464	0 714	1092 3662
	CDD	(0	7	18	126	262	380	341	177	42	7	0	1360
094 SPRINGFIELD EXP	STN HDD CDD			549 1	278 18	110 111	6 258	0 381	2 334	38 163	257 36	521 3	829 0	4300 1305
096 TAZEWELL	HDD CDD			634 0	362 3	160 73	17 177	0 297	2 261	51 115	343 22	606 0	883 0	4846 948
097 TULLAHOMA	HDD	871	677	495	248	86	3	0	1	31	229	491	763	3895
098 UNION CITY	CDD HDD			1 539	14 257	96 86	249 2	372 0	342 2	175 36	32 245	1 526	0 839	1282 4256
099 WAVERLY	CDD HDD			0 536	20 256	131 95	301 6	420 0	356 1	170 40	32 268	1 538	0 824	1431 4237
	CDD	(0	1	15	117	265	394	349	163	35	1	0	1340
100 WAYNESBORO	HDD CDD			516 1	263 16	105 104	4 248	0 378	1 337	35 170	255 36	508 1	790 0	4076 1291
101 WINCHESTER 1 E	HDD CDD			422 6	195 22	72 124	3 280	0 385	0 364	24 195	195 43	428 5	687 0	3420 1424
102 WOODBURY 1 WNW	HDD	907	719	525	269	99	4	0	1	37	258	521	801	4141
	CDD	(0	1	10	94	247	373	339	169	32	1	0	1266
					İ						l			



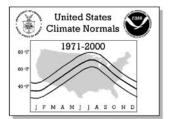
Monthly Normals of Temperature, Precipitation, and Heating and Cooling Degree Days
1971-2000

MILDIAN 34.5 88.5 84.8 54.6 62.3 70.0 73.2 72.0 66.3 55.5 46.0 38.2 5 1		701													
OO ALLARIT										_	_				
MEDICAN 34.5 36.5 46.8 34.6 62.3 70.0 73.2 72.0 66.3 55.5 46.0 38.2 5 14.0	No.	Station Name Elen	ent JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
LONEST MEAN 20,3 26,6 39,8 49,6 57,8 65,7 70,6 68,5 62,3 49,2 38,4 25,9 2,9 14,4 16,1 17,4 19,5 19,7 19,5 1	001	ALLARDT HIGHEST M	EAN 44.6	46.4	52.6	59.7	68.0	72.8	77.5	76.4	71.5	63.0	54.2	47.4	77.5
HIGHEST MEAN YEAR 1974 1976 1973 1981 1987 1979 1		MED	IAN 34.5	38.5	46.8	54.6	62.3	70.0	73.2	72.0	66.3	55.5	46.0	38.3	54.6
MIN ORS TIME ADUSTNEYN 1977 1978 1996 1993 1997 1978 1996 1998 1971 1978 1996 1998 1971 1978 1998 1971 1978 1996 1998 1971 1978 1998 1971 1978 197		LOWEST M	EAN 20.3	26.6	39.8	49.6	57.8	65.7	70.6	68.5	62.3	49.2	38.4	25.9	20.3
MIN ORS TIME ADUISTNENT		HIGHEST MEAN Y	EAR 1974	1976	1973	1981	1987	1998	1980	1983	1998	1984	1985	1984	1980
MAX OBS TIME ADJUSTMENT 0.77 0.7 0.9 1.0 0.9 0.5 0.5 0.5 0.5 0.6 0.6 0.6 0.7 0.2											-				1977
DOZ AMES PLANTATT HIGHEST MEAN 45.3 49.9 55.5 64.6 73.2 80.2 84.1 82.6 77.7 66.6 56.6 51.2 8 1.0															
MEDIAN 38.4 41.4 50.7 67.3 76.1 79.2 77.5 71.6 60.7 50.0 41.0 50.0	000														0.4 1
LOWEST MEAN 12AR 33.9 28.1 43.7 52.7 61.6 70.4 76.6 74.5 65.9 54.2 39.3 30.4 28.4	002		I			l			1						84.1 59.3
HIGHEST MEAN YRAR 1990 1976 1973 1981 1987 1981 1987 1981 1987 1981 1			I			1									23.9
MIN OBS TIME ADJUSTMENT 1.5 2.0 1.2 0.0 0.0 0.1 0.1 0.1 0.0 0.1 0.1 0.0 0.1			I			1			ı						1980
MIN ORS TIME ADJUSTMENT 0.3 0.4 0.4 0.4 0.4 0.4 0.4 0.3 0.2 0.1 0.0 -0.1 0.0 1.0 0.1 0.1 0.1 0.1 0.3 0.4 1.2 1.0			I			1			ı						1977
MAX ORS TIME ADJUSTMENT 0.3			I			1			1						1 17,7
MEDIAN 36.5 40.4 48.0 56.5 64.7 73.1 76.5 75.4 69.8 58.3 47.8 99.2 59.4 100est mean year 1974 1990 1997 1999 1987 1981 1992 1980 1998 1984 1985 1971 1971 1978			I			1			ı						
LOWEST MEAN YEAR 1974 1990 1997 1999 1997 1997 1999 1999	003	ATHENS HIGHEST M	EAN 47.2	47.3	53.8	62.0	71.1	75.4	80.9	79.6	75.6	64.5	56.5	47.7	80.9
HIGHEST MEAN YEAR 1974 1990 1997 1998 1987 1981 1993 1996 1998 1998 1986 1987 1971 1981 1981 1993 1996 1998 1997 1998 1997 1998 1997 1998 1997 1998 1998		MED	IAN 36.5	40.4	48.0	56.5	64.7	73.1	76.5	75.4	69.8	58.3	47.8	39.2	57.3
LOWEST MEAN YEAR 1977 1978 1971 1993 1976 1976 1976 1998 10		LOWEST M	EAN 23.9	31.4	42.5	51.1	60.7	68.4	73.7	72.2	66.3	52.4	40.4	31.1	23.9
MIN OBS TIME ADJUSTMENT		HIGHEST MEAN Y	EAR 1974	1990	1997	1999	1987	1981	1993	1980	1998	1984	1985	1971	1993
MAX OBS TIME ADJUSTMENT		LOWEST MEAN Y	EAR 1977	1978	1971	1983	1976	1974	1979	1992	1976	1987	1976	1989	1977
DOS BOLLYAR WATER HIGHEST MEAN 45,4 49,6 56,5 65,4 72,8 80,2 28,3 82,6 77,6 66,4 56,1 50,2 8 10,0 10,		MIN OBS TIME ADJUSTM													
MEDIAN 37.6 42.0 50.6 59.1 67.1 76.0 79.2 77.5 71.6 59.9 50.0 41.2 5 5 1 1 1 1 1 1 1 1															
LOWEST MEAN 25.2 29.9 43.6 53.6 61.9 71.2 76.8 73.6 65.4 53.4 39.7 30.5 28.4	005					ı			ı						84.3
HIGHEST MEAN YEAR 1990 1976 1973 1981 1987 1998 1980 1983 1996 1971 1985 1984 1986 1983 1976 1972 1973 1974 1			I												59.1
LOWEST MEAN YEAR 1977 1978 1996 1983 1976 1972 1992 1974 1976 1976 1976 1989 1971 1971 1971 1972 1972 1972 1972 1972 1972 1973 1976 1977 1976 1977 1978 1976 1977 1978 1979 19			I			1									25.2
MIN OBS TIME ADJUSTMENT			I						ı			_			1980
MAX OBS TIME ADJUSTMENT			1 -												1977
O7 BRISTOL TRI C HIGHEST MEAN 45.1 46.4 53.0 59.7 68.6 74.4 74.1 72.4 66.6 62.5 54.0 45.1 7.1			I			1			ı						
MEDIAN 33.9 38.3 46.4 54.3 63.1 70.9 74.1 72.4 66.6 55.3 45.5 37.2 25.	007														70.6
LOWEST MEAN YEAR 1974 1976 1973 1981 1987 1981 1993 1995 1998 1984 1985 1971 1981 1981 1983 1977 1978 1981 1983 1997 1972 1979 1992 1974 1988 1976 1989 1984 1985 1971 1981 1983 1997 1992 1974 1988 1976 1989 1984 1985 1971 1981 1983 1997 1998 1984 1985 1971 1988 1981 1983 1997 1998 1984 1985 1971 1988 1986 1987 1981 1983 1997 1998 1984 1985 1971 1988 1976 1989 1984 1985 1987 1981 1983 1997 1998 1984 1985 1971 1988 1986 1987 1988 1986 1983 1988 1986 1983 1988 1986 1988 1988 1988 1988 1988 1988	007														78.6
HIGHEST MEAN YEAR 1977 1978 1981 1987 1979 1979 1979 1999 1974 1988 1976 1989 1980 MIN OBS TIME ADJUSTMENT MAX OBS TIME ADJUSTMENT 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.															54.7 20.9
LOWEST MEAN YEAR NO.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0															1993
MIN OBS TIME ADJUSTMENT															1977
MAX OBS TIME ADJUSTMENT															13//
008 BROWNSVILLE															
MEDIAN 37.6 42.6 51.1 50.0 68.8 77.4 80.2 78.7 72.3 61.1 50.8 41.6 68.8 77.4 80.2 78.7 72.3 61.1 50.8 41.6 68.8 77.4 80.2 78.7 72.3 61.1 50.8 41.6 68.8 77.4 78.3 74.1 66.7 55.5 42.1 30.3 32.3 32.4	008														85.2
LOWEST MEAN VEAR HIGHEST MEAN YEAR LOWEST MEAN YEAR LOWES			I			1			ı						60.0
LOWEST MEAN YEAR MIN OBS TIME ADJUSTMENT 0.7 1.2 -0.1 -0.5 -0.4 -0.3 -0.4 -0.3 -0.4 -0.3 -0.4 0.5 0.4 MAX OBS TIME ADJUSTMENT 0.3 0.4 40.3 0.3 0.2 0.1 0.0 -0.1 -0.1 0.0 0.1 0		LOWEST M	EAN 25.1		45.2	53.6	63.4	72.7	78.3	74.1	66.7	55.5	42.1	30.3	25.1
MIN OBS TIME ADJUSTMENT		HIGHEST MEAN Y	EAR 1990	1976	1974	1981	1987	1998	1980	1983	1998	1971	1985	1984	1980
MAX OBS TIME ADJUSTMENT		LOWEST MEAN Y	EAR 1977	1978	1996	1983	1976	1974	1972	1992	1974	1987	1976	1989	1977
009 CARTHAGE HIGHEST MEAN MEDIAN 35.5 38.7 47.5 56.2 64.7 73.6 76.3 81.4 81.2 75.1 64.6 55.0 47.5 8 MEDIAN 35.5 38.7 47.5 56.2 64.7 73.6 77.6 76.3 69.8 58.7 48.5 39.6 5 1.0 MEDIAN 20.9 28.2 41.3 50.9 59.6 69.5 74.4 72.5 65.8 51.7 40.3 28.1 2 1.0 MEDIAN 20.9 28.2 41.3 50.9 59.6 69.5 74.4 72.5 65.8 51.7 40.3 28.1 2 1.0 MEDIAN 20.0 1973 1981 1987 1981 1980 1980 1980 1980 1980 1980 1980		MIN OBS TIME ADJUSTM	ENT 0.7	1.2	-0.1	-0.5	-0.4	-0.3	-0.3	-0.4	-0.3	-0.4	0.5	0.4	
MEDIAN 35.5 38.7 47.5 56.2 64.7 73.6 77.6 76.3 69.8 58.7 48.5 39.6 58.6 59.6 59.5 59.6 69.5 74.4 72.5 65.8 51.7 40.3 28.1 28.6 28.6 29.8 29.6 29.6 29.8 29.6 29.8 29.6 29.8 29.6 29.8 29.6 29.8 29.6 29.8 29.6 29.8 29.6 29.8 29.8 29.6 29.8 29.6 29.8 29.6 29.8 29.6 29.8 29.8 29.8 29.6 29.8		MAX OBS TIME ADJUSTM	ENT 0.3	0.4	0.4	0.3	0.3	0.2	0.1	0.0	-0.1	-0.1	0.0	0.1	
LOWEST MEAN 20.9 28.2 41.3 50.9 59.6 69.5 74.4 72.5 65.8 51.7 40.3 28.1 2 28.1 24.1 25.1	009	CARTHAGE HIGHEST M													81.4
HIGHEST MEAN YEAR LOWEST MEAN YEAR LOWEST MEAN YEAR MIN OBS TIME ADJUSTMENT ASS. 1974 1990 1973 1981 1987 1981 1984 1992 1974 1987 1976 1989 1980 1980 1980 1980 1980 1980 1980															57.1
LOWEST MEAN YEAR 1977 1978 1971 1983 1994 1974 1984 1992 1974 1987 1976 1989 1 1987 1987 1989 1 1987 1987 1989 1 1987 1987 1989 1 1987 1987 1989 1 1987 1987 1989 1 1987 1987 1989 1 1987 1987 1989 1 1987 1987 1989 1 1987 1987 1989 1 1987 1987 1989 1 1987 1987 1989 1 1987 1987 1989 1 1987 1988 1987 1989 1 1987 1989 1 1987 1988 1987 1989 1 1987 1988 1888 1988 1888 1988 1888 1988 1888 1988 1888 1988 1888 1988 1888 1988 1888 1988 1888 1															20.9
MIN OBS TIME ADJUSTMENT															1980
MAX OBS TIME ADJUSTMENT 0.3 0.4 0.4 0.4 0.3 0.2 0.1 0.0 -0.1 -0.1 0.0 0.1 010 CELINA HIGHEST MEAN 45.9 46.8 53.9 61.0 71.3 75.8 80.3 79.8 73.3 65.4 56.6 47.1 8 MEDIAN 35.5 39.0 47.7 55.3 64.2 72.9 76.8 75.0 68.7 57.6 48.1 39.2 55.3 64.2 72.9 76.8 75.0 68.7 57.6 48.1 39.2 55.3 64.2 72.9 76.8 75.0 68.7 57.6 48.1 39.2 55.3 64.2 72.9 76.8 75.0 68.7 57.6 48.1 39.2 55.3 68.5 73.3 71.3 64.7 51.1 37.6 28.3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1															1977
010 CELINA HIGHEST MEAN															
MEDIAN 35.5 39.0 47.7 55.3 64.2 72.9 76.8 75.0 68.7 57.6 48.1 39.2 58.3 64.2 72.9 76.8 75.0 68.7 57.6 48.1 39.2 58.3 68.5 73.3 71.3 64.7 51.1 37.6 28.3 18.5 68.5 73.3 71.3 64.7 51.1 37.6 28.3 18.5 68.5 73.3 71.3 64.7 51.1 37.6 28.3 18.5 68.5 73.3 71.3 64.7 51.1 37.6 28.3 18.5 68.5 73.3 71.3 64.7 51.1 37.6 28.3 18.5 68.5 73.3 71.3 64.7 71.3 64.7 71.3 71.5 71.3 71.5 71.3 71.5 71.3 71.5 71.3 71.5 71.3 71.5 71.3 71.5 71.3 71.5 71.3 71.5 71.3 71.5 71.3 71.5 71.3 71.5 71.3 71.5 71.3 71.5 71.3 71.5 71.3 71.5 71.3 71.5	010														80.3
LOWEST MEAN YEAR HIGHEST MEAN YEAR LOWEST MEAN YEAR AMAX OBS TIME ADJUSTMENT LOWEST MEAN YEAR LOWEST MEAN YEAR AMAX OBS TIME ADJUSTMENT LOWEST MEAN YEAR AMAX OBS TIME ADJUSTMENT LOWEST MEAN YEAR AMAX OBS TIME ADJUSTMENT AMBEDIAN	1 010		I			1			1						56.6
HIGHEST MEAN YEAR LOWEST MEAN YEAR LOWEST MEAN YEAR AMAX OBS TIME ADJUSTMENT LOWEST MEAN YEAR			I			1			1						19.2
LOWEST MEAN YEAR MIN OBS TIME ADJUSTMENT MAX OBS TIME ADJUSTMENT MEAN MEDIAN ME						1			ı						1993
MIN OBS TIME ADJUSTMENT			I			1			ı						1977
MAX OBS TIME ADJUSTMENT 0.3 0.5 0.4 0.4 0.3 0.2 0.1 0.0 -0.1 0.0 0.0 0.1 011 CENTERVILLE W HIGHEST MEAN 46.2 50.4 57.4 64.3 72.0 76.8 81.4 80.9 74.5 67.2 58.3 49.0 8			I			ı			1						
011 CENTERVILLE W HIGHEST MEAN MEDIAN MEDIAN 38.0 41.5 50.6 58.8 66.5 74.4 77.5 76.4 70.0 59.3 49.5 40.8 5 LOWEST MEAN 24.2 28.6 45.3 55.4 62.6 70.3 75.4 72.5 66.4 53.5 39.4 30.8 2 HIGHEST MEAN YEAR LOWEST MEAN YEAR LOWEST MEAN YEAR MIN OBS TIME ADJUSTMENT -1.4 -1.2 -1.0 -0.8 -0.6 -0.4 -0.3 -0.4 -0.7 -0.9 -1.3 -1.2 MAX OBS TIME ADJUSTMENT -2.0 -2.5 -2.3 -2.3 -1.7 -1.3 -1.0 -1.0 -1.6 -1.7 -1.6 -1.8			I			ı			ı						
MEDIAN 28.0 41.5 50.6 58.8 66.5 74.4 77.5 76.4 70.0 59.3 49.5 40.8 5 LOWEST MEAN 24.2 28.6 45.3 55.4 62.6 70.3 75.4 72.5 66.4 53.5 39.4 30.8 2 HIGHEST MEAN YEAR 1974 1990 1973 1999 1987 1998 1993 1983 1986 1984 1985 1982 1 LOWEST MEAN YEAR 1977 1978 1971 1983 1976 1974 1975 1992 1975 1988 1976 1989 1 MIN OBS TIME ADJUSTMENT -1.4 -1.2 -1.0 -0.8 -0.6 -0.4 -0.3 -0.4 -0.7 -0.9 -1.3 -1.2 MAX OBS TIME ADJUSTMENT -2.0 -2.5 -2.3 -2.3 -1.7 -1.3 -1.0 -1.0 -1.6 -1.7 -1.6 -1.8	011														81.4
HIGHEST MEAN YEAR 1974 1990 1973 1999 1987 1998 1993 1983 1986 1984 1985 1982 1 LOWEST MEAN YEAR 1977 1978 1971 1983 1976 1974 1975 1992 1975 1988 1976 1989 1 MIN OBS TIME ADJUSTMENT -1.4 -1.2 -1.0 -0.8 -0.6 -0.4 -0.3 -0.4 -0.7 -0.9 -1.3 -1.2 MAX OBS TIME ADJUSTMENT -2.0 -2.5 -2.3 -2.3 -1.7 -1.3 -1.0 -1.0 -1.6 -1.7 -1.6 -1.8															58.5
LOWEST MEAN YEAR 1977 1978 1971 1983 1976 1974 1975 1992 1975 1988 1976 1989 1 MIN OBS TIME ADJUSTMENT -1.4 -1.2 -1.0 -0.8 -0.6 -0.4 -0.3 -0.4 -0.7 -0.9 -1.3 -1.2 MAX OBS TIME ADJUSTMENT -2.0 -2.5 -2.3 -2.3 -1.7 -1.3 -1.0 -1.0 -1.6 -1.7 -1.6 -1.8		LOWEST M	EAN 24.2	28.6	45.3	55.4	62.6	70.3	75.4	72.5	66.4	53.5	39.4	30.8	24.2
MIN OBS TIME ADJUSTMENT -1.4 -1.2 -1.0 -0.8 -0.6 -0.4 -0.3 -0.4 -0.7 -0.9 -1.3 -1.2		HIGHEST MEAN Y			1973	1999	1987	1998	1993		1986	1984	1985	1982	1993
MAX OBS TIME ADJUSTMENT -2.0 -2.5 -2.3 -2.3 -1.7 -1.3 -1.0 -1.0 -1.6 -1.7 -1.6 -1.8															1977
	012		I			ı			ı						85.2
			I			ı			ı						59.7
			I			1			1						28.5
			I			1			1						1993
			I			ı			ı						1977
MIN OBS TIME ADJUSTMENT 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0			I			1			1						
MAX OBS TIME ADJUSTMENT 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0		MAX OBS TIME ADJUSTM	EWI 0.0	0.0	0.0	l 0.0	0.0	0.0	1 0.0	0.0	0.0	0.0	0.0	0.0	



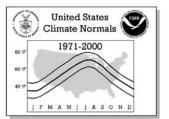
Monthly Normals of Temperature, Precipitation, and Heating and Cooling Degree Days 1971-2000

No. St	tation Name	Element	JAN	FEB	MAR	APR	MAY	NORI Jun	MALS S' JUL	TATISTI AUG	CS SEP	ОСТ	NOV	DEC	ANNUAL
013 CH	HEATHAM LOCK	HIGHEST MEAN	43.9	47.5	53.7	60.6	71.7	75.6	81.5	80.6	75.3	63.9	53.4	47.2	81.5
		MEDIAN LOWEST MEAN	34.6	38.0 24.7	47.0 41.8	54.9	63.3 55.8	72.4 67.6	77.3	75.2 72.3	68.6 63.1	56.8	46.6 39.5	39.0 25.7	56.2 21.4
	HIGH	EST MEAN YEAR	1974	1976	1974	1999	1987	1986	1986	1983	1998	1971	1999	1984	1986
		EST MEAN YEAR	1977	1978	1993	1997	1997	1974	1996	1992	1989	1988	1976	1989	1977
		ME ADJUSTMENT ME ADJUSTMENT	1.5	2.0	2.1	1.2	1.1	0.8	0.5	0.4	0.8	1.0	1.2	1.0	
014 CI	LARKSVILLE S	HIGHEST MEAN	44.1	47.8	55.0	63.3	71.9	77.8	83.6	82.4	77.0	65.5	55.0	47.8	83.6
		MEDIAN	35.8	40.1	49.5	57.7	66.1	74.9	78.9	77.2	70.6	59.2	47.8	39.6	57.7
	итси	LOWEST MEAN EST MEAN YEAR	20.8	26.2 1990	43.1 1973	49.5 1981	61.3 1991	69.7 1998	75.7 1993	72.7 1995	65.6 1998	52.0 1971	39.3 1985	27.7 1971	20.8 1993
		EST MEAN YEAR	1977	1978	1973	1983	1971	1974	1976	1982	1974	1976	1976	1989	1977
	MIN OBS TI	ME ADJUSTMENT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
015 01	MAX OBS TI LEVELAND FIL	ME ADJUSTMENT HIGHEST MEAN	0.0	0.0	0.0	0.0	0.0	0.0 76.6	0.0	0.0	0.0	0.0	0.0 57.6	0.0	81.1
015 CI	PEAETWIND LIT	MEDIAN	37.9	40.9	49.6	57.1	65.4	73.9	77.6	76.1	69.9	58.5	48.3	40.8	58.1
		LOWEST MEAN	26.1	34.1	44.0	52.5	61.8	69.0	74.5	72.5	66.5	53.3	41.0	32.6	26.1
		EST MEAN YEAR	1974	1990	1997	1999	1991	1986	1980	1980	1998	1984	1985	1984	1980
		EST MEAN YEAR ME ADJUSTMENT	1977	1978	1971	1983	1976 0.0	1974	1984	1992	1976 0.0	1988	1976 0.0	1989	1977
		ME ADJUSTMENT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
016 CC	OLUMBIA 3 WN	HIGHEST MEAN	43.9	48.1	53.7	63.0	71.2	75.8	80.9	80.6	74.3	65.0	53.9	48.6	80.9
		MEDIAN LOWEST MEAN	35.9 23.4	38.7 29.3	47.4 41.8	56.0 49.2	63.8 59.9	73.1 68.3	77.2	75.7 71.9	69.0 64.8	57.6	47.6 39.7	39.5 28.6	56.8 23.4
	HIGH	EST MEAN YEAR	1974	1990	1973	1981	1987	1998	1986	1983	1998	1984	1985	1984	1986
		EST MEAN YEAR	1977	1978	1971	1983	1976	1974	1984	1992	1974	1987	1976	1989	1977
		ME ADJUSTMENT ME ADJUSTMENT	1.4	1.9	2.0	1.2	1.0	0.8	0.5	0.3	0.7 -0.1	0.9	1.2	1.0	
017 CC	OOKEVILLE	HIGHEST MEAN	45.3	47.0	53.9	61.6	70.1	76.1	79.9	79.7	74.1	64.6	55.5	48.0	79.9
		MEDIAN	35.8	38.6	48.0	55.7	64.2	72.6	76.3	74.9	68.4	57.6	47.9	39.2	56.4
	IITOII	LOWEST MEAN	20.9	26.7	40.4	50.7	59.6	68.4	73.2	70.8	65.3	51.1	39.2	28.8	20.9
		EST MEAN YEAR EST MEAN YEAR	1974 1977	1990 1978	1973 1996	1981 1997	1987 1997	1998 1974	1980 1976	1995 1992	1998 1974	1971	1985 1976	1984 1989	1980 1977
		ME ADJUSTMENT	1.4	2.0	2.0	1.3	1.0	0.1	0.5	0.4	0.3	1.0	1.1	1.0	
010 99		ME ADJUSTMENT	0.3	0.4	0.4	0.4	0.3	0.2	0.1	0.0	-0.1	0.0	0.0	0.1	
018 GC	OPPERHILL	HIGHEST MEAN MEDIAN	50.9	47.3 41.3	53.8 47.9	61.5 56.0	69.2 63.7	74.1 71.7	79.0	78.6 74.1	73.0 68.3	64.8	56.9 48.6	51.9 40.9	79.0 57.0
		LOWEST MEAN	26.4	33.6	41.2	50.2	58.8	67.2	72.0	71.0	64.6	50.8	42.1	31.0	26.4
		EST MEAN YEAR	1974	1990	1974	1977	1987	1986	1980	1983	1978	1984	1985	1984	1980
		EST MEAN YEAR ME ADJUSTMENT	1977	1978 1.0	1996 1.0	1997	1997 0.0	1972 -0.2	1976	1992 -0.2	1999 -0.3	1988	$1976 \\ 0.4$	1989 1.0	1977
		ME ADJUSTMENT	0.3	0.3	0.3	0.3	0.3	0.2	0.1	0.0	-0.1	-0.1	0.0	0.1	
019 CC	OVINGTON 1 W	HIGHEST MEAN	44.9	49.6	55.8	66.3	74.6	81.1	85.5	83.2	77.6	67.5	56.2	49.7	85.5
		MEDIAN LOWEST MEAN	37.3	41.8	50.8 44.7	59.7	68.6 62.6	77.0 71.8	80.3	78.2 74.2	72.5 66.0	61.3	50.5 41.4	41.1	59.6 23.9
	HIGH	EST MEAN YEAR	1990	1976	1973	1981	1987	1998	1980	1980	1998	1971	1999	1984	1980
	LOW	EST MEAN YEAR	1977		1980		1976		1984	1992	1974	1	1976		1977
		ME ADJUSTMENT	1.5	2.0	1.2	0.0	0.0	0.0	-0.1	-0.2 0.0	0.3	0.4	1.2	1.0	
020 CF	MAX UBS 11. ROSSVILLE AP	ME ADJUSTMENT HIGHEST MEAN	45.6	0.4	0.4	60.3	0.3	0.2 73.8	79.5	77.2	-0.1 72.3	-0.1 63.8	54.6	0.1	79.5
		MEDIAN	34.9	39.3	47.2	54.9	63.2	70.8	74.3	72.9	66.7	56.2	46.4	38.6	55.6
	IITOII	LOWEST MEAN	22.1	28.7	39.7	50.0	57.9	66.0	70.9	69.5	61.4	49.7	39.3	28.6	22.1
		EST MEAN YEAR EST MEAN YEAR	1974 1977	1976 1978	1973 1971	1994 1983	1987 1976	1994 1974	1993 1976	1995 1992	1998 1974	1984 1988	1985 1976	1984 1989	1993 1977
		ME ADJUSTMENT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
001 0		ME ADJUSTMENT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
021 CF	ROSSVILLE EX	HIGHEST MEAN MEDIAN	43.7	43.3	50.7 45.3	58.7 53.4	67.8 62.2	72.0 69.6	77.8	76.1 71.3	70.1 65.2	62.6 54.5	53.8 45.4	46.1 36.3	77.8
		LOWEST MEAN	18.0	26.1	37.9	48.5	57.6	64.9	70.0	67.4	62.5	47.8	37.4	24.7	18.0
		EST MEAN YEAR	1974	1976	1973	1981	1991	1986	1993	1995	1998	1984	1985	1984	1993
		EST MEAN YEAR ME ADJUSTMENT	1977	1978 1.9	1971 1.9	1983	1989 1.0	1974 0.1	1976	1992	1974	1988	1976 1.1	1989	1977
		ME ADJUSTMENT	0.3	0.4	0.4	0.4	0.3	0.1	0.4	0.0	-0.1	-0.1	0.0	0.9	
022 DA	AYTON 2 SE	HIGHEST MEAN	46.0	46.6	53.7	62.3	70.1	76.6	81.8	81.3	74.8	65.3	56.1	46.8	81.8
		MEDIAN	36.4	40.3	49.1	57.1	64.8	73.1	76.9	75.6	69.8	57.8	48.1	39.0	57.4
	HIGH	LOWEST MEAN EST MEAN YEAR	24.1 1974	32.4 1976	42.9 2000	52.4 1981	60.7 1987	69.4 1986	74.1 1980	71.4 1980	66.9 1980	51.6 1984	41.1 1985	31.0 1971	24.1 1980
		EST MEAN YEAR	1977	1978	1996	1983	1997	1974	1984	1992	1996	1988	1976	1989	1977
		ME ADJUSTMENT	1.3	1.1	1.1	0.0	0.0	-0.3	-0.1	-0.2	-0.3	0.3	0.4	1.0	
	MAX OBS TI	ME ADJUSTMENT	0.3	0.4	0.3	0.3	0.3	0.2	0.1	0.0	-0.1	-0.1	0.0	0.1	l



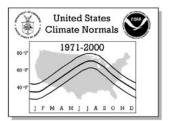
Monthly Normals of Temperature, Precipitation, and Heating and Cooling Degree Days
1971-2000

	NORMALS STATISTICS														
No.	Station Name	Element	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
022	DICKSON	HIGHEST MEAN	44.0	49.8	55.7	63.3	70.8	75.9	80.6	80.8	75.9	65.6	55.6	48.3	80.8
023	DICKSON	MEDIAN	36.1	49.8	49.4	57.7	65.1	73.9	76.9	75.6	69.2	58.2	48.6	40.2	57.4
		LOWEST MEAN	23.9	28.2	43.3	51.8	61.2	69.6	74.5	72.5	65.6	52.0	40.8	28.7	23.9
	HIGH	EST MEAN YEAR	1990	1976	1973	1981	1987	1971	1986	1983	1986	1984	1985	1984	1983
	LOWI	EST MEAN YEAR	1977	1978	1996	1983	1997	1974	1996	1992	1974	1988	1976	1989	1977
	MIN OBS TIM	ME ADJUSTMENT	-0.8	-0.9	-0.7	-0.6	-0.5	-0.4	-0.3	-0.3	-0.5	-0.6	-0.7	-0.7	
		ME ADJUSTMENT	-0.3	-0.4	-0.3	-0.3	-0.2	-0.2	-0.1	-0.2	-0.3	-0.3	-0.3	-0.3	
024	DOVER 1 W	HIGHEST MEAN	42.9	46.2	56.1	64.2	71.1	76.8	81.8	81.3	75.8	66.2	54.7	47.9	81.8
		MEDIAN LOWEST MEAN	35.1 19.4	38.5 24.0	48.9 41.6	57.5 51.9	65.9 60.2	73.9 69.0	77.9	76.2 71.8	69.5 64.3	57.8	48.4 37.9	38.6 26.8	56.9 19.4
	нтсн	EST MEAN YEAR	1990	1990	1973	1981	1987	1971	1986	1983	1998	1971	1985	1984	19.4
		EST MEAN YEAR	1977	1978	1980	1983	1976	1974	1971	1992	1974	1976	1976	1989	1977
		ME ADJUSTMENT	0.7	1.2	-0.1	-0.6	-0.5	-0.4	-0.3	-0.5	-0.4	-0.4	-0.6	0.4	
	MAX OBS TIM	ME ADJUSTMENT	0.3	0.4	0.4	0.3	0.3	0.2	0.1	0.0	-0.1	-0.1	0.0	0.1	
025	DRESDEN	HIGHEST MEAN	43.4	47.5	55.9	64.2	72.6	78.4	82.9	82.6	75.9	66.8	55.0	48.1	82.9
		MEDIAN	35.1	39.2	48.9	57.8	66.6	75.4	78.5	76.7	70.4	58.6	48.8	38.8	57.7
		LOWEST MEAN	21.3	25.6	41.7	51.9	61.8	70.5	75.5	73.1	64.6	53.2	38.8	27.4	21.3
		EST MEAN YEAR EST MEAN YEAR	1990 1977	1976 1978	1973 1980	1981 1983	1987 1976	1984 1974	1980 1971	1983 1992	1998 1974	1971 1987	1985 1976	1984 1989	1980 1977
		ME ADJUSTMENT	0.7	1.2	-0.1	-0.6	-0.4	-0.4	-0.3	-0.5	-0.4	-0.4	0.5	0.4	19//
		ME ADJUSTMENT	0.3	0.4	0.4	0.3	0.3	0.1	0.1	0.0	-0.1	-0.1	0.0	0.1	
026	DYERSBURG AP	HIGHEST MEAN	48.0	52.8	57.3	68.2	76.1	80.9	86.6	84.7	77.9	68.2	58.3	51.6	86.6
		MEDIAN	39.3	43.9	52.9	61.4	70.1	78.1	80.9	79.1	72.6	62.0	52.3	42.7	61.1
		LOWEST MEAN	25.3	29.5	46.7	54.0	65.3	73.6	77.3	73.7	67.2	57.1	43.6	31.3	25.3
		EST MEAN YEAR	1990	1976	1976	1981	1987	1998	1980	1983	1986	1971	1985	1984	1980
		EST MEAN YEAR	1977	1978	1996	1997	1997	1974	1996	1992	1974	1976	1976	2000	1977
		ME ADJUSTMENT ME ADJUSTMENT	-1.2	-1.1 -1.3	-0.9 -1.0	-0.8	-0.5 -0.9	-0.4	-0.3	-0.4 -0.5	-0.6 -0.9	-0.8 -0.7	-1.2 -1.0	-1.0	
027	MAX OBS III	HIGHEST MEAN	-0.8 45.4	43.6	50.7	-1.0 58.6	67.4	73.5	-0.5 78.2	77.0	72.4	63.0	54.3	45.5	78.2
027	BBIZADBIIITON	MEDIAN	34.5	37.6	45.9	53.4	62.9	70.2	74.6	72.6	67.1	56.4	46.6	37.4	55.0
		LOWEST MEAN	22.3	27.1	40.8	49.7	57.7	66.6	71.2	69.1	64.5	48.3	39.6	24.8	22.3
	HIGH	EST MEAN YEAR	1974	1976	1997	1999	1998	1981	1993	1995	1998	1984	1985	1971	1993
	LOWI	EST MEAN YEAR	1977	1978	1971	1983	1997	1972	1979	1989	1976	1988	1976	1989	1977
		ME ADJUSTMENT	1.3	1.9	1.9	1.3	0.0	0.1	-0.1	0.4	0.4	1.0	1.1	1.1	
		ME ADJUSTMENT	0.3	0.4	0.3	0.4	0.3	0.2	0.1	0.0	-0.1	0.0	0.0	0.1	
028	ERWIN 1 W	HIGHEST MEAN	46.2	46.3	52.7	60.1	68.6 62.5	73.8 70.8	79.0	77.2 72.9	72.7 67.5	63.3	56.3	47.3 38.4	79.0 55.5
		MEDIAN LOWEST MEAN	35.8	39.4 30.5	46.9 41.2	54.6 50.4	57.9	66.1	71.0	70.8	64.4	56.9 49.0	46.9 39.8	28.5	22.5
	нтсні	EST MEAN YEAR	1974	1990	1973	1981	1991	1981	1993	1980	1998	1984	1985	1971	1993
	_	EST MEAN YEAR	1977	1980	1981	1987	1997	1972	1976	1992	1976	1988	1976	1989	1977
	MIN OBS TIM	ME ADJUSTMENT	1.3	1.9	1.9	1.3	0.0	0.1	-0.1	0.4	0.4	1.0	1.1	1.1	
	MAX OBS TIM	ME ADJUSTMENT	0.3	0.4	0.3	0.4	0.3	0.2	0.1	0.0	-0.1	0.0	0.0	0.1	
029	FAYETTEVILLE	HIGHEST MEAN	47.0	50.3	56.3	64.5	71.9	78.2	80.4	80.7	75.9	65.9	57.4	49.7	80.7
		MEDIAN	38.6	42.4	50.5	57.7	66.1	74.8	77.7	76.2	70.0	59.3	49.3	41.1	58.6
	III	LOWEST MEAN	26.3 1974	32.6 1990	44.8	53.3	61.6 1987	69.3 1998	74.9	72.5	65.3 1998	52.3	40.9	30.7	26.3
		EST MEAN YEAR EST MEAN YEAR	1974		1973 1971	1999 1983	1987	1998	1993 1976	1995 1992	1998	1971 1987	1985 1976	1984 1989	1995 1977
		ME ADJUSTMENT	-1.1	-1.1	-0.9	-0.8	-0.5	-0.4	-0.3	-0.3	-0.5	-0.7	-0.9	-0.9	1011
		ME ADJUSTMENT	-0.7	-1.2	-0.9	-1.0	-0.8	-0.7	-0.5		-0.4	-0.6	-0.6	-0.7	
030		HIGHEST MEAN	43.3	47.3	54.5	62.1	71.1	76.9	81.2	80.0	75.6	64.0	54.6	47.3	81.2
		MEDIAN	35.7	38.7	48.5	56.4	64.4	73.5	77.5	75.5	69.0	57.8	47.4	39.2	56.8
		LOWEST MEAN	20.7	26.1	42.5	50.6	60.6	69.0	73.3	71.7	64.8	50.6	38.0	28.0	20.7
		EST MEAN YEAR	1990	1990	1973	1981	1987	1998	1999	1995	1998	1984	1985	1984	1999
		EST MEAN YEAR ME ADJUSTMENT	1977	1978	1996 2.0	1983	1976	1974 0.8	1984	1992 0.3	1984	1987	$\frac{1976}{1.2}$	1989 1.0	1977
		ME ADJUSTMENT	0.3	1.9	0.4	0.4	1.0	0.8	0.5	0.3	-0.1	0.9	0.0	0.1	
032	GATLINBURG 2	HIGHEST MEAN	48.1	46.1	52.5	59.3	67.5	73.0	77.0	75.6	71.3	62.8	56.6	47.8	77.0
		MEDIAN	36.6	39.6	47.1	54.4	62.2	69.9	73.1	71.5	66.2	56.2	46.5	38.8	55.2
		LOWEST MEAN	23.2	29.0	41.1	49.5	58.1	65.4	70.4	69.3	63.1	48.9	39.3	30.2	23.2
		EST MEAN YEAR	1974	1990	1973	1981	1987	1986	1993	1995	1998	1984	1985	1971	1993
		EST MEAN YEAR	1977	1978	1971	1983	1989	1972	1979	1992	1976	1988	1976	1989	1977
		ME ADJUSTMENT	1.2	1.8	1.7	1.2	0.0	0.1	-0.1	0.3	0.3	0.8	1.1	0.9	
022		ME ADJUSTMENT	0.3	0.4	0.3	0.4 57.7	0.3	0.2	77.2	0.0 75.9	-0.1 71.0	-0.1 60.9	0.0	0.1	77.2
033	GREENEVILLE E	HIGHEST MEAN MEDIAN	44.2 33.3	43.7 37.4	49.4 45.1	57.7	66.8 60.5	73.1 69.3	73.7	75.9	65.5	54.4	43.7	43.3 35.7	53.5
		LOWEST MEAN	20.5	26.2	38.7	46.9	57.0	64.5	69.9	68.9	61.5	47.5	34.6	26.5	20.5
	HIGH	EST MEAN YEAR	1974	1990	1973	1981	1987	1994	1993	1995	1998	1984	1985	1984	1993
		EST MEAN YEAR	1977	1978	1971	1983	1997	1972	1979	1976	1976	1987	1976	1989	1977
		ME ADJUSTMENT	1.3	1.0	1.1	0.0	-0.4	-0.3	-0.3	-0.2	-0.3	0.4	0.4	1.1	
	MAX OBS TIM	ME ADJUSTMENT	0.3	0.4	0.3	0.4	0.3	0.2	0.1	0.0	-0.1	0.0	0.0	0.2	
			•						•						



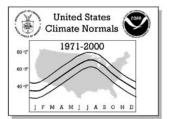
Monthly Normals of Temperature, Precipitation, and Heating and Cooling Degree Days 1971-2000

No	Station Name	Element	JAN	FEB	MAR	APR	MAY	NORN JUN	JUL	TATISTI AUG	CS SEP	ОСТ	NOV	DEC	ANNUAL
	HUNTINGDON WA	HIGHEST MEAN	40.8	45.0	52.5	62.0	70.3	76.1	81.0	80.1	72.8	63.1	52.0	45.9	81.0
034	HONTINGDON WA	MEDIAN	34.1	37.8	47.1	55.3	64.0	73.3	76.4	74.7	67.6	56.0	45.9	36.8	55.5
		LOWEST MEAN	19.7	24.1	40.5	49.4	58.7	67.6	74.0	70.8	63.0	49.7	36.5	25.6	19.7
		EST MEAN YEAR	1990 1977	1990 1978	1973 1980	1981 1983	1987 1976	1994 1974	1993 1996	1995 1992	1998 1974	1971	1985 1976	1984 1989	1993 1977
		ME ADJUSTMENT	0.6	1.1	-0.1	-0.6	-0.4	-0.3	-0.3	-0.4	-0.3	-0.4	0.4	0.4	19//
		ME ADJUSTMENT	0.3	0.4	0.3	0.3	0.3	0.2	0.1	0.0	-0.1	-0.1	0.0	0.1	
035	JACKSON MCKEL	HIGHEST MEAN	46.0	51.2	57.5	66.5	73.3	80.0	85.1	83.7	77.7	68.0	56.3	51.0	85.1
		MEDIAN LOWEST MEAN	38.4	43.0 29.9	51.7 45.4	60.2 53.9	68.6 63.8	76.9 72.5	79.9	78.3 74.5	71.1 67.3	60.9	50.8 42.0	41.7 29.8	60.1 25.9
	HIGH	EST MEAN YEAR	1990	1976	1973	1981	1977	1998	1980	1983	1998	1971	1985	1984	1980
		EST MEAN YEAR	1977	1978	1996	1983	1976	1974	2000	1992	1974	1987	1976	2000	1977
		ME ADJUSTMENT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
036	JACKSON EXP S	ME ADJUSTMENT HIGHEST MEAN	44.9	49.5	56.5	65.1	73.8	79.5	83.2	82.9	77.1	66.9	56.0	50.1	83.2
		MEDIAN	37.9	41.4	51.0	59.5	67.5	76.0	79.4	77.8	71.9	60.2	50.0	41.1	59.1
		LOWEST MEAN	24.4	28.6	45.1	53.4	61.6	71.0	76.7	74.4	66.0	54.4	40.6	30.7	24.4
		EST MEAN YEAR	1989 1977	1990 1978	1973 1978	1981 1983	1987 1976	1998 1974	1980 1972	1983 1992	1998 1974	1971 1976	1985 1976	1984 1989	1980 1977
		ME ADJUSTMENT	0.7	1.2	-0.1	-0.6	-0.4	-0.3	-0.3	-0.4	-0.3	-0.4	0.5	0.4	10//
	MAX OBS TI	ME ADJUSTMENT	0.3	0.4	0.4	0.3	0.3	0.2	0.1	0.0	-0.1	-0.1	0.0	0.1	
038	JEFFERSON CIT	HIGHEST MEAN	45.3	45.5	52.2	60.2	69.9	75.9	79.5	78.4	73.3	64.1	55.5	46.2	79.5
		MEDIAN LOWEST MEAN	35.2	39.4 30.4	47.4 40.2	55.4	64.4 60.0	72.2 68.9	76.4	74.1 71.6	68.1 64.6	56.2	46.6 40.3	38.0 29.9	55.9 22.0
	HIGH	EST MEAN YEAR	1974	1990	1973	1981	1987	1981	1993	1983	1998	1984	1985	1971	1993
		EST MEAN YEAR	1977	1978	1996	1983	1997	1972	1976	1992	1976	1988	1976	1989	1977
		ME ADJUSTMENT ME ADJUSTMENT	1.4	1.1	1.1	0.0	-0.4 0.3	-0.3 0.2	-0.3	-0.2 0.0	-0.3 -0.1	0.4	0.4	1.0	
039	KINGSPORT	HIGHEST MEAN	46.8	46.1	53.7	60.4	70.0	75.0	80.0	78.5	73.3	64.2	55.6	47.5	80.0
		MEDIAN	35.8	39.0	47.4	56.0	64.6	72.3	76.2	74.4	68.4	57.4	47.2	38.9	56.7
		LOWEST MEAN	23.6	30.1	42.0	51.2	61.0	68.9	73.6	71.8	66.2	50.6	40.1	28.4	23.6
		EST MEAN YEAR EST MEAN YEAR	1974	1976 1978	1973 1996	1981 1983	1991 1989	1994 1972	1993 1984	1995 1992	1998 1981	1984	1985 1976	1971 1989	1993 1977
		ME ADJUSTMENT	1.3	1.9	1.9	1.2	0.0	0.0	-0.1	0.4	0.3	0.9	1.1	1.0	
		ME ADJUSTMENT	0.3	0.4	0.4	0.4	0.3	0.2	0.1	0.0	-0.1	0.0	0.0	0.1	
041	KINGSTON SPRI	HIGHEST MEAN MEDIAN	43.0	46.8	53.5 47.6	63.4	71.6 64.4	76.5 73.2	81.2 77.0	80.5 75.4	73.4 68.4	64.9	55.2 47.8	48.6 38.6	81.2 56.6
		LOWEST MEAN	18.5	24.8	42.3	50.8	59.3	68.5	72.4	71.8	64.5	51.6	38.4	27.5	18.5
		EST MEAN YEAR	1990	1990	1985	1981	1987	1971	1986	1983	1986	1971	1985	1984	1986
		EST MEAN YEAR ME ADJUSTMENT	1977	1978 2.1	1996 1.3	1983	1976 0.0	1974 0.1	1976 -0.1	1992 -0.2	1974	1987	1976 0.5	1989 1.0	1977
		ME ADJUSTMENT	0.3	0.4	0.4	0.4	0.3	0.2	0.1	0.0	-0.1	0.0	0.0	0.1	
042	KNOXVILLE EXP	HIGHEST MEAN	46.9	46.1	54.1	61.7	70.9	76.6	81.0	80.4	73.7	65.6	56.8	47.9	81.0
		MEDIAN LOWEST MEAN	36.9	40.6	48.4 42.7	56.1 52.4	65.1 60.4	73.4 69.1	77.3	75.7 73.0	69.9 66.1	57.9	47.9 40.5	39.5	57.4 24.4
	HIGH	EST MEAN YEAR	1974	1990	1973	1981	1991		1980	1995	1978	1984	1985	1971	1980
	LOW	EST MEAN YEAR	1977	1978	1999	1983	1989	1999	1976	1992	1982	1988	1976	1989	1977
		ME ADJUSTMENT	1.3	1.8	1.7	1.2	0.9	0.1	0.4	0.3	0.2	0.8	1.0	0.9	
043	MAX OBS TI	ME ADJUSTMENT HIGHEST MEAN	0.3	0.4	0.3	0.4	0.3	0.2 76.5	0.1	0.0	-0.1 76.0	67.1	0.0	0.1	82.3
015	14.011,1222 111	MEDIAN	37.8	41.6	49.2	57.8	66.0	74.2	77.3	76.4	70.5	58.9	49.0	40.8	58.3
	_	LOWEST MEAN	26.8	34.1	44.8	52.5	61.6	69.7	74.3	73.1	66.6	52.2	42.7	31.8	26.8
		EST MEAN YEAR EST MEAN YEAR	1974 1977	1990 1978	1973 1996	1981 1983	1991 1989	1986 1974	1993 1979	1980 1992	1998 1984	1984	1985 1976	1971 1989	1993 1977
		ME ADJUSTMENT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	19//
		ME ADJUSTMENT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
044	KNOXVILLE UNI	HIGHEST MEAN	48.3	49.0	55.5	64.8	72.5	77.6	82.1	81.7	76.1	66.6	58.7	51.2	82.1
		MEDIAN LOWEST MEAN	38.7	42.1 33.7	50.5 44.3	58.8	67.1 63.0	74.9 70.9	78.7 75.1	77.1 73.7	71.1 68.5	60.3 54.0	50.6 44.6	41.4	59.4 26.4
	HIGH	EST MEAN YEAR	1974	1990	1976	1981	1991	1981	1980	1980	1978	1984	1985	1971	1980
		EST MEAN YEAR	1977	1978	1996	1983	1997	1974	1979	1992	1974	1988	1976	1989	1977
		ME ADJUSTMENT ME ADJUSTMENT	0.2	-0.7 0.2	-0.6 0.2	-0.7	-0.5 0.0	-0.4 0.1	-0.3	-0.4 0.0	-0.6 -0.2	-0.7 -0.2	-1.0 -0.2	-0.5 0.0	
045	LAFAYETTE	HIGHEST MEAN	47.5	50.4	56.1	64.5	74.1	78.0	83.6	81.5	76.8	65.9	56.6	48.2	83.6
		MEDIAN	37.4	41.8	51.4	58.9	66.6	75.1	78.0	76.7	70.6	60.3	50.2	41.7	58.6
	III	LOWEST MEAN	22.3	28.1	44.3	52.9	61.9	68.4	74.6	72.0	65.3	52.2	41.0	27.1	22.3
		EST MEAN YEAR EST MEAN YEAR	1989 1977	1990 1978	1995 1996	1986 1983	1987 1973	1998 1974	1986 1976	1995 1982	1998 1974	1971 1976	1985 1976	1984 2000	1986 1977
		ME ADJUSTMENT	-1.4	-1.5	-1.0	-0.9	-0.6	-0.4	-0.3	-0.4	-0.7	-0.9	-1.3	-1.2	//
	MAX OBS TI	ME ADJUSTMENT	-2.1	-2.4	-2.3	-2.3	-1.8	-1.1	-1.0	-1.1	-1.3	-1.7	-1.6	-1.8	



Monthly Normals of Temperature, Precipitation, and Heating and Cooling Degree Days
1971-2000

No. Station Name	-															
0.66 LANCING 6 NW	_{N.}	Otatian Name	- 1	1001			400						ООТ	NOV	DEO	A N I N I I A I
MEDIAN 33.5 37.3 44.8 87.7 64.6 70.1 73.9 73.9 64.0 55.1 45.6 37.3 54.2 14.5	NO.	Station Name	Element	JAN	FEB	WAR	APR	WAY	JUN	JUL	AUG	SEP	001	NOV	DEC	ANNUAL
LOWIST MEAN YEAR 1974 1975 1976 19	046	LANCING 6 NW	HIGHEST MEAN	43.2	44.8	50.4	60.0	67.7	72.5	77.3	77.0	71.2	62.3	53.3	46.0	77.3
MIN ORS TIME ADJUSTMENT 1.75 1.96 1.97 1.			MEDIAN	33.5	37.3	44.8	53.7	61.4	70.1	73.9	71.9	66.0	55.1	45.6	37.3	54.2
MIN ORS THE ADJUSTMENT 1,00 1,0			LOWEST MEAN													
MIN OSS TIME ADJUSTMENT 1.3 1.8 1.8 1.8 1.7 1.0 0.1 0.4 0.3 0.3 0.9 1.1 1.0 0.1 0.4 0.3 0.9 0.9 1.1 1.0 0.4 0.4 0.3 0.9 0.9 1.1 1.0 0.4 0.4 0.4 0.3 0.9 0.9 0.7 0.0 0.4 0.4 0.3 0.9 0.9 0.7 0.0 0.4 0.4 0.3 0.9 0.9 0.7 0.0 0.1 0.1																
MAX ORS TIME ADJUSTMENT 0.3																1977
MAY LAWRENCERING HIGHEST MEAN 44.6 48.6 55.7 67.2 77.0 77.0 79.8 78.6 75.4 55.9 66.0 49.4 79.2 79.5 79.8 78.6 75.6 68.5 75.5 68.6 79.5 79.5 79.8 78.6 75.6 68.5 75.5				1												
Medical Medi	0.45															F0 0
LOKEST MEAN 128A 25.0 28.7 43.8 53.3 60.9 68.7 74.3 71.9 61.9 52.2 40.1 29.6 25.0 28.7 49.9 197. 198. 199. 19	047	LAWRENCEBURG					1			1						
HIGHEST MEAN YEAR 1974 1990 1973 1981 1987 1998 1994 1992 1974 1990 1974 1991 1974 1990 1974 1991 1974 1990 1974 1991 1974 1990 1974 1991 1974 1990 1974 1991 1974 1990 1974 1991 1974 1990 1974 1991 1974 1990 1974 1991 1974 1990 1974 1991 1974 1990 1974 1991 1974 1990 1974 1991 1974 1990 1974 1974 1990 1974 1				1			ı									
MIN OBS TIME ALQUISTREAM MIN OBS TIME ALQUISTR		птсг		l												
MIN ORS TIME ADJUSTMENT 1.5 2.0 1.2 0.0 0.0 0.1 0.1 0.1 0.0 0.0 0.1 0.1 MAX ORS TIME ADJUSTMENT 1.5 2.0 1.2 0.0 0.0 0.1 0.1 0.0 0.0 0.0 0.1 HIGHEST MEAN 20.8 26.6 41.3 49.8 60.5 69.8 75.2 72.8 65.2 51.9 39.5 57.4 HIGHEST MEAN YEAR 1977 1978 1994 1997 1978 1994 1991 1997 1978 1994 1991 1997 1978 1994 1991 1997 1978 1994 1991 1997 1978 1994 1991 1997 1978 1994 1991 1997 1978 1994 1991 1997 1978 1994 1991 1997 1978 1994 1991 1997 1978 1994 1991 1997 1978 1994 1991 1997 1978 1994 1991 1997 1978 1994 1991 1997 1978 1994 1991 1997 1978 1994 1991 1997 1998 1998 1997 1998 1998 1998 1999 1997 1998 1998 1998 1999 1997 1998 1998 1999 1997 1998 1999 1999 1997 1998 1999				1 -												1
MAX OSS TIME ADJUSTMENT 0.48 LERANON HIGHEST MEAN HIGHEST MEAN MEDIAN 3.5. 47.1 53.0 48.3 63.5 72.1 77.0 82.5 81.0 73.9 65.2 56.0 48.3 82.5 MEDIAN HIGHEST MEAN 1.74 1930 1973 1.75 1971 1.7				1 -												1 17 / 1
048 LERANON				1						1						
LOWEST MEAN 20.8 26.6 41.3 49.8 60.5 69.8 75.2 72.8 65.2 51.9 39.2 27.8 20.8 HIGHEST MEAN YEAR 1974 1996 1973 1981 1993 1983 1980 1971 1985 1994 1995 1997 1986 1972 1986 1972 1986 1972 1986 1975 1986 1987 1976 1976 1976 1976 1976 1976 1976 1975 1975 1975 1976 1977 1978 1976 1976 1976 1976 1977 1978 1976 1976 1977 1978 1976 1976 1977 1978 1976 1977 1978 1977 1	048	LEBANON	HIGHEST MEAN	45.3	47.1	53.9	63.5		77.0	82.5	81.0	73.9	65.2	56.0	48.3	82.5
HICHEST MEAN YEAR 1974 1990 1973 1981 1987 1994 1993 1983 1980 1971 1985 1984 1993 1987 1984 1993 1987 1984 1993 1987 1984 1993 1987 1984 1995 1984 1995 1984 1995 1984 1995 1984 1995 1984 1995 1984 1995 1984 1985 1986 1976 1988 1976 1988 1976 1988 1976 1989 1977 1988 1978 1989 1			MEDIAN	35.1	39.0	48.3	56.8	65.0	74.4	78.5	76.3	69.4	57.7	48.2	39.5	57.4
MIN ORS TIME ADJUSTMENT 1.5			LOWEST MEAN	20.8	26.6	41.3	49.8	60.5	69.8	75.2	72.8	65.2	51.9	39.2	27.8	20.8
MIN ORS TIME ADJUSTMENT 0.3 0.4 0.4 0.4 0.3 0.2 0.1 0.0 -0.2 -0.4 0.4 0.5 1.0		HIGH	HEST MEAN YEAR	1974	1990	1973	1981	1987	1994	1993	1983	1980	1971	1985	1984	1993
MAX OBS TIME ADJUSTMENT 0.3		LOV	WEST MEAN YEAR	1977	1978	1999	1997	1997		1984	1992		1988	1976	1989	1977
MEDIAN 48.5 47.6 54.8 62.6 72.3 78.2 82.8 81.8 76.5 66.4 59.0 48.4 82.8		MIN OBS TI	IME ADJUSTMENT							1						
MEDIAN 37.5 41.1 49.6 57.7 66.2 75.0 78.5 77.1 71.2 59.4 48.7 40.4 58.7																
LOWEST MEAN YEAR HIGHEST MEAN YEAR LOWEST MEAN YEAR 1974 1990 1973 1918 1997 1974 1998 1999 1975 1998 1994 1994 1995 1971 1993 MIN OBS TIME ADJUSTMENT 1.2 1.8 1.8 1.2 0.9 0.1 0.4 0.3 0.2 0.1 0.0 0.0 1. 051 LEWISBURG EXP HIGHEST MEAN 157. 38.5 48.1 55.9 64.4 73.9 77.6 75.7 68.9 57.4 47.4 38.6 55.7 LOWEST MEAN YEAR 1979 1978 1990 1973 1981 1987 1998 1999 1993 1983 1980 1984 1985 1971 MIN OBS TIME ADJUSTMENT 1.2 1.8 1.8 1.5 1.5 9.6 4.4 73.9 77.6 75.7 68.9 57.4 47.4 58.6 55.9 47.7 81.2 LOWEST MEAN YEAR 1.9 2.6 7 41.3 51.4 59.7 68.7 74.4 71.6 75.5 59.9 47.7 81.2 HIGHEST MEAN YEAR 1.9 2.6 7 41.3 51.4 59.7 68.7 74.4 71.6 75.7 68.9 57.4 47.4 58.6 55.7 47.7 81.2 HIGHEST MEAN YEAR 1.9 2.6 7 41.3 51.4 59.7 68.7 74.4 71.6 75.7 68.9 57.4 47.4 58.6 55.9 47.7 81.2 HIGHEST MEAN YEAR 1.9 2.6 7 41.3 51.4 59.7 68.7 74.4 71.6 64.2 51.2 81.4 59.7 68.7 81.2 MIN OBS TIME ADJUSTMENT 0.3 0.4 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.4 0.4 0.6 0.4 0.5 10.0 MEDIAN 0.3 0.4 0.3 0.3 0.3 0.3 0.3 0.4 0.4 0.6 0.4 0.6 0.4 0.5 10.0 MEDIAN 3.7.5 42.0 50.3 58.6 67.5 76.5 79.8 79.0 1974 1972 1976 1974 1988 1976 1999 1977 MIN OBS TIME ADJUSTMENT 1.5 2.0 50.3 58.6 67.5 76.5 79.8 79.8 79.7 65.5 53.1 39.8 27.8 82.8 LOWEST MEAN YEAR 1979 1978 1978 1981 1987 1994 1984 1986 1999 1997 1976 1976 1976 1996 1993 1991 1991 1994 1994 1994 1994 1994	050	LENOIR CITY		1			ı			1						l I
HIGHEST MEAN YEAR 1974 1990 1973 1981 1987 1986 1993 1995 1998 1984 1985 1971 1993 1995 1986 1986 1971 1986 1987 1986 1987 1986 1987 1986 1987 1986 1987 1986 1987 1986 1987 1988 1986 1989 1987 1888 1987 1989 1987 1988 1988 1888 1987 1989 1987 1888 1				1			ı			1						1
LONEST MEAN YEAR 1977 1978 1996 1983 1997 1974 1984 1992 1976 1989 1977 1978 1996 1983 1997 1974 1984 1992 1976 1989 1977 1978 1996 1978 1878 19				1			ı			1						1
MIN OBS TIME ADJUSTMENT				1 -			ı									l I
MAX OBS TIME ADJUSTMENT 0.3 0.4 0.4 0.4 0.3 0.2 0.1 0.0 0.1 0.0 0.1				1			ı			1						19//
051 LEWISBURG EXP				1			ı			1						
MEDIAN 25.7 38.5	051			1												81 2
LOWEST MEAN VARE 19.6 19.0 19.7 1981 1981 1982 1976 1978 1981 1982 1976 1978 1981 1982 1976 1978 1982 1983 1983 1984 1985 1984 1983 1984 19	031	EBWIDDORG EM		1												
HIGHEST MEAN YEAR 1998 1990 1973 1981 1987 1998 1993 1983 1980 1984 1985 1984 1985 1984 1985 1986 MIN OBS TIME ADJUSTMENT 0.7 1.1 -0.1 -0.6 -0.4 -0.3 -0.3 -0.4 -0.6 -0.4 -0.6 -0.4 -0.6 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.				1												
MIN OBS TIME ADJUSTMENT 0.7 1.1 -0.1 -0.6 -0.4 -0.3 -0.3 -0.3 -0.4 -0.6 -0.4 -0.6 0.4		HIGH	HEST MEAN YEAR	1					1998	1993	1983	1980	1984			
MAX OBS TIME ADJUSTMENT 0.3 0.4 0.3 0.3 0.3 0.2 0.2 0.1 0.0 0.0 0.1 0.0 0.1 0.5 0.5 0.5 0.5 0.5 0.3 0.3 0.3 0.2 0.2 0.1 0.0 0.0 0.1 0.0 0.1 0.5 0.0 0.1 0.5 0.0 0.1 0.0 0.0 0.1 0.0 0.1 0.0 0.1 0.0 0.1 0.0 0.1 0.0 0.1 0.0 0.1 0.0 0.1 0.0 0.1 0.0 0.1 0.0 0.1 0.0 0.0 0.1 0.0 0.		LOV	WEST MEAN YEAR	1977	1978	1971	1982	1976	1974	1972	1976	1974	1988	1976	1989	1977
O52 LEXINGTON		MIN OBS TI	IME ADJUSTMENT	0.7	1.1	-0.1	-0.6	-0.4	-0.3	-0.3	-0.4	-0.6	-0.4	-0.6	0.4	
MEDIAN 37.5 42.0 50.3 58.6 67.5 76.5 79.8 78.0 72.5 60.0 49.8 40.8 59.2		MAX OBS TI	IME ADJUSTMENT	0.3	0.4	0.3	0.3	0.3	0.2	0.1	0.0	-0.1	-0.1	0.0	0.1	
LOWEST MEAN YEAR 1980 1975 1978 1978 1978 1978 1974 1974 1972 1976 1979 1978 1978 1978 1978 1974 1972 1976 1974 1976 1976 1979 1978 19	052	LEXINGTON	HIGHEST MEAN	47.5	48.5	55.4	64.4	72.8	79.5	1	82.8		67.2			l I
HIGHEST MEAN YEAR 1989 1976 1973 1981 1987 1976 1974 1970 1976 1974 1976 1976 1978 1				1			ı			1						
LOWEST MEAN YEAR 1977 1978 1978 1970 19				1			ı			1						
MIN OBS TIME ADJUSTMENT				1			ı			1						
MAX OBS TIME ADJUSTMENT 0.3 0.4 0.4 0.4 0.3 0.2 0.1 0.0 -0.1 -0.1 0.0 0.1				1			ı			l						19//
053 LINDEN 2				1			ı			1						
MEDIAN 37.0 40.5 50.3 57.5 66.2 74.4 77.9 76.2 69.5 58.6 48.9 40.1 58.1	053															Q1 5
LOWEST MEAN 23.9 29.8 42.8 52.4 61.3 70.4 75.1 72.8 66.2 52.0 40.8 29.3 23.9 191 1	055	DINDEN Z														
HIGHEST MEAN YEAR LOWEST MEAN YEAR LOWEST MEAN YEAR LOWEST MEAN YEAR MIN OBS TIME ADJUSTMENT 1.5 2.0 1.2 0.0 0.0 0.1 -0.1 -0.2 0.3 0.4 0.5 1.0 0.1 0.5 LIVINGSTON RA HIGHEST MEAN 44.4 47.2 53.6 60.7 70.3 75.1 79.9 79.4 74.1 65.0 55.2 49.5 79.9 MEDIAN 20.4 26.1 40.7 50.8 59.4 68.7 72.0 70.1 63.5 49.6 36.0 29.1 20.4 HIGHEST MEAN YEAR LOWEST MEAN Y																
LOWEST MEAN YEAR 1977 1978 1996 1983 1976 1974 1996 1992 1974 1987 1976 1989 1977 1978 1976 1989 1977 1978 1976 1989 1977 1978 1976 1989 1977 1978 1976 1989 1977 1978 1976 1974 1976 1974 1976 1976 1978 1977 1978 1976 1974 1976 1974 1976 1978 1977 1978 19		HIGH														
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055 LIVINGSTON RA HIGHEST MEAN 44.4 47.2 53.6 60.7 70.3 75.1 79.9 79.4 74.1 65.0 55.2 49.5 79.9				1.5	2.0	1.2	0.0	0.0	0.1	-0.1	-0.2	0.3	0.4	0.5	1.0	
MEDIAN 15.7 38.9 48.1 55.2 63.6 72.6 76.2 74.9 68.3 57.2 47.5 39.6 56.4		MAX OBS TI	IME ADJUSTMENT	0.3	0.4	0.4	0.4	0.3	0.2	0.1		-0.1	-0.1	0.0	0.1	
LOWEST MEAN 1974 1990 1973 1991 1994 1980 1995 1998 1984 1985 1984 1980	055	LIVINGSTON RA		1			ı			1						1
HIGHEST MEAN YEAR LOWEST MEAN YEAR LOWEST MEAN YEAR LOWEST MEAN YEAR MIN OBS TIME ADJUSTMENT AS A MEDIAN MEN OBS TIME ADJUSTMENT AS A MEDIAN MEN OBS TIME ADJUSTMENT AS A MEDIAN AS TIME ADJUSTMENT AS A MEDIAN AS OBS TIME ADJUSTMENT AS A MEDIAN AS OBS TIME ADJUSTMENT AS A MEDIAN AS A MEDIAN AS A MEDIAN AS A MIN OBS TIME ADJUSTMENT AS A MEDIAN AS A MEDIAN AS A MEDIAN AS A MIN OBS TIME ADJUSTMENT AS A MEDIAN AS A MEDIA				1			ı			1						1
LOWEST MEAN YEAR 1977 1978 1999 1983 1973 1974 1976 1976 1976 1976 1976 1976 1979 1977 1978 1979 1978 1979 1977 1978 1979 1978 1979 1977 1978 1979 1978 1979 1977 1978 1979 1978 1979 1978 1979 1978 1979 1978 1979 1978 1979 1978 1979 1978 1979 1978 1979 1978 1979 1978 1979 1978 1979 1978 1979 1978 1979 1978 1979 1978 1979 1979 1979 1978 1979 1978 1979 1978 1979 1978 1979 1978 1979 1978 1979 1978 1979 1978 1979 1978 1979 1978 1979 1978 1979 1978 1979 1978 1979 1978 1979 1978 1979 1978 1979 1978 1979 1978 1979 19				1			ı			1						1
MIN OBS TIME ADJUSTMENT				1			1			1			1			1
MAX OBS TIME ADJUSTMENT 0.3 0.4 0.4 0.4 0.3 0.2 0.1 0.0 -0.1 0.0 0.1 0.1 0.5 MARTIN UNIV O HIGHEST MEAN 43.3 47.0 53.4 63.4 73.7 78.4 84.5 82.5 76.8 65.3 54.6 47.7 84.5 MEDIAN 35.3 39.3 48.4 57.4 66.5 75.4 79.2 77.0 70.3 59.3 48.1 39.0 57.4 1.0 MEDIAN 19.3 23.7 42.2 51.3 59.3 70.3 75.4 72.6 64.1 52.0 39.4 26.3 19.3 19.3 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0				1						1						1977
056 MARTIN UNIV O				1			ı			1						
MEDIAN LOWEST MEAN 19.3 23.7 42.2 51.3 59.3 70.3 75.4 72.6 64.1 52.0 39.4 26.3 19.3 19.6 19.6 19.6 19.6 19.6 19.7 19.8 19.7 19.8 19.7 19.8 19.7 19.8 19.8 19.8 19.8 19.8 19.8 19.8 19.8	056									1						84 5
LOWEST MEAN 19.3 23.7 42.2 51.3 59.3 70.3 75.4 72.6 64.1 52.0 39.4 26.3 19.3 19.6 19.6 19.6 19.6 19.7 19.8 19.7 19.8 19.7 19.8 19.7 19.8 19.7 19.8 19.8 19.8 19.8 19.8 19.8 19.8 19.8	036	LIVICITIN ONIO O		1						1						
HIGHEST MEAN YEAR LOWEST MEAN YEAR LOWEST MEAN YEAR AND Y				1						1						
LOWEST MEAN YEAR MIN OBS TIME ADJUSTMENT 1.5 2.1 1.3 0.0 0.0 0.0 0.0 -0.1 -0.2 0.4 0.4 1.2 1.0 MAX OBS TIME ADJUSTMENT 0.3 0.4 0.4 0.4 0.3 0.2 0.1 0.0 -0.1 0.0 0.0 0.0 0.1 0.7 MC MINNVILLE HIGHEST MEAN MEDIAN 39.0 42.4 51.3 57.8 65.8 73.7 77.2 75.5 69.4 59.2 50.0 42.0 58.6 1.0 MEDIAN 24.8 31.0 45.1 53.6 61.3 68.7 73.0 72.1 65.5 52.8 40.5 31.9 24.8 1.0 MEDIAN 1.		HIGH		1												
MIN OBS TIME ADJUSTMENT 0.3 0.4 0.4 0.4 0.3 0.2 0.1 -0.2 0.4 0.4 1.2 1.0 0.7 MC MINNVILLE HIGHEST MEAN MEDIAN ABOUT MEAN																
MAX OBS TIME ADJUSTMENT 0.3 0.4 0.4 0.4 0.3 0.2 0.1 0.0 -0.1 0.0 0.0 0.1 0.7 MC MINNVILLE HIGHEST MEAN MEDIAN 39.0 42.4 51.3 57.8 65.8 73.7 77.2 75.5 69.4 59.2 50.0 42.0 58.6 LOWEST MEAN YEAR HIGHEST MEAN YEAR LOWEST MEAN YEAR 1974 1990 1973 1981 1987 1998 1980 1983 1998 1984 1985 1984 1980 1980 LOWEST MEAN YEAR 1977 1978 1971 1983 1976 1974 1976 1992 1974 1988 1976 1989 1977 MIN OBS TIME ADJUSTMENT -1.2 -1.1 -0.9 -0.8 -0.5 -0.4 -0.3 -0.3 -0.5 -0.8 -1.0 -1.0				1						1						
057 MC MINNVILLE HIGHEST MEAN MEDIAN MEDIAN MEDIAN AS MEDIAN MEDIAN AS MEDIAN MEDIAN AS MEDIAN A				1						1						
LOWEST MEAN 24.8 31.0 45.1 53.6 61.3 68.7 73.0 72.1 65.5 52.8 40.5 31.9 24.8 HIGHEST MEAN YEAR 1974 1990 1973 1981 1987 1998 1980 1983 1998 1984 1985 1984 1980 LOWEST MEAN YEAR 1977 1978 1971 1983 1976 1974 1976 1992 1974 1988 1976 1989 1977 MIN OBS TIME ADJUSTMENT -1.2 -1.1 -0.9 -0.8 -0.5 -0.4 -0.3 -0.3 -0.5 -0.8 -1.0 -1.0	057	MC MINNVILLE	HIGHEST MEAN	47.6	51.4	56.7	64.1		76.2	80.4	79.8	74.3	66.1	58.1	51.4	80.4
HIGHEST MEAN YEAR 1974 1990 1973 1981 1987 1998 1980 1983 1998 1984 1985 1984 1980 LOWEST MEAN YEAR 1977 1978 1971 1983 1976 1974 1976 1992 1974 1988 1976 1989 1977 MIN OBS TIME ADJUSTMENT -1.2 -1.1 -0.9 -0.8 -0.5 -0.4 -0.3 -0.3 -0.5 -0.8 -1.0 -1.0			MEDIAN	39.0	42.4		57.8	65.8		77.2			59.2	50.0	42.0	58.6
LOWEST MEAN YEAR 1977 1978 1971 1983 1976 1974 1976 1992 1974 1988 1976 1989 1977 MIN OBS TIME ADJUSTMENT -1.2 -1.1 -0.9 -0.8 -0.5 -0.4 -0.3 -0.3 -0.5 -0.8 -1.0 -1.0				1			ı			1						
MIN OBS TIME ADJUSTMENT -1.2 -1.1 -0.9 -0.8 -0.5 -0.4 -0.3 -0.3 -0.5 -0.8 -1.0 -1.0				1			ı			1						
				1			ı			1						1977
MAX OBS TIME ADJUSTMENT -1.2 -1.9 -1.6 -1.6 -1.3 -0.7 -0.7 -0.7 -1.0 -0.9 -1.2				1						1						
		MAX OBS TI	LME ADJUSTMENT	-1.2	-1.9	-1.6	-⊥.6	-1.3	-0.7	l -0.7	-0.7	-0.7	1 -1.0	-0.9	-1.2	



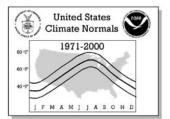
Monthly Normals of Temperature, Precipitation, and Heating and Cooling Degree Days
1971-2000

No	Station Name	Element	JAN	FEB	MAR	APR	MAY	NORI JUN	JUL	TATISTI AUG	CS SEP	ОСТ	NOV	DEC	ANNUAL
	MEMPHIS INTL	HIGHEST MEAN	47.9	52.9	58.8	69.1	76.0	83.2	87.7	86.3	80.5	70.0	58.0	53.8	87.7
030	MEMERIES INTE	MEDIAN	40.4	45.5	53.5	61.9	70.3	78.7	82.3	80.6	74.9	63.6	52.7	44.0	62.3
		LOWEST MEAN	29.5	34.0	48.0	56.4	64.3	74.1	79.3	76.8	68.5	58.0	44.4	32.7	29.5
		EST MEAN YEAR EST MEAN YEAR	1990 1977	1976 1978	1974 1996	1981	1987 1976	1998 1974	1980 1972	1980 1992	1998 1974	1971 1976	1973 1976	1984 2000	1980 1977
		ME ADJUSTMENT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1311
		ME ADJUSTMENT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
059	MEMPHIS WSFO	HIGHEST MEAN MEDIAN	45.7	50.2 42.3	57.1 51.3	65.9 59.6	74.3 68.4	82.2 77.4	86.0 80.9	84.0 79.1	78.8 73.0	67.8	56.3 51.5	51.0 41.6	86.0 60.3
		LOWEST MEAN	25.9	29.8	44.8	53.4	63.2	72.5	78.7	74.7	67.3	56.2	42.6	31.5	25.9
		EST MEAN YEAR	1990	1976	1973	1981	1987	1998	1980	1980	1998	1971	1985	1984	1980
		EST MEAN YEAR ME ADJUSTMENT	1977	1978 1.8	1996 2.0	1983	1976 1.0	1974 0.8	1989	1992	1974 0.7	1987	1976 1.1	1989	1977
		ME ADJUSTMENT	0.3	0.4	0.4	0.4	0.3	0.8	0.4	0.3	-0.1	-0.1	0.0	0.1	
060	MILAN EXP STN	HIGHEST MEAN	42.6	46.5	53.3	63.0	72.5	76.9	81.1	80.3	73.9	63.7	53.1	45.6	81.1
		MEDIAN	35.0	38.6	47.6	56.9	65.1	73.9	77.3	75.6	68.5	57.0	47.4	38.1	56.5
	HIGH	LOWEST MEAN EST MEAN YEAR	20.3	24.5 1990	42.1 1973	50.5	60.4 1987	69.1 1998	74.2 1993	70.8 1980	63.6 1998	51.6 1971	38.1 1985	27.5 1971	20.3 1993
		EST MEAN YEAR	1977	1978	1971	1983	1976	1974	1984	1992	1974	1987	1976	1989	1977
		ME ADJUSTMENT	1.5	2.0	1.3	0.0	0.0	0.0	-0.1	-0.2	0.3	0.4	1.2	1.0	
061	MAX OBS TI	ME ADJUSTMENT HIGHEST MEAN	0.3	0.4	0.4	0.4	0.3	0.2 74.7	0.1 77.9	0.0 77.1	-0.1 72.7	-0.1 64.7	0.0 54.9	0.1	77.9
"		MEDIAN	35.0	39.9	47.3	56.0	64.0	71.3	74.5	73.5	67.6	58.1	47.0	38.3	55.8
		LOWEST MEAN	20.6	28.1	40.9	50.2	58.3	66.6	72.1	69.8	63.9	51.2	39.2	29.2	20.6
		EST MEAN YEAR EST MEAN YEAR	1974 1977	1990 1978	1973 1996	1981 1983	1987 1997	1981 1997	1993 1972	1987 1992	1998 1975	1984 1976	1985 1976	1984 2000	1993 1977
		ME ADJUSTMENT	1.3	1.1	1.1	0.0	0.0	-0.3	-0.1	-0.2	-0.3	0.3	0.4	1.0	1977
		ME ADJUSTMENT	0.3	0.4	0.3	0.3	0.3	0.2	0.1	0.0	-0.1	0.0	0.0	0.1	
063	MORRISTOWN RA	HIGHEST MEAN MEDIAN	46.2 35.9	46.3	51.7 47.9	61.0	69.7 64.6	75.6 72.3	80.5 76.5	79.4 74.9	73.7 69.0	64.2	55.6 47.0	46.5	80.5 56.7
		LOWEST MEAN	22.2	28.6	40.4	50.1	59.2	68.6	73.4	72.4	66.2	50.7	40.0	29.6	22.2
	HIGH	EST MEAN YEAR	1974	1990	1973	1981	1987	1981	1993	1995	1998	1984	1985	1971	1993
		EST MEAN YEAR	1977	1978	1996	1983	1997	1974	1976	1992	1976	1988	1976	1989	1977
		ME ADJUSTMENT ME ADJUSTMENT	1.3	1.8	1.8	1.2	0.0	0.1	-0.1	0.3	0.3	0.9	1.1	1.0	
064	MOSCOW	HIGHEST MEAN	48.3	52.3	58.6	67.7	74.0	80.7	84.3	84.1	77.6	67.8	58.4	53.8	84.3
		MEDIAN	40.1	44.7	53.2	61.0	68.8	76.1	79.3	77.8	72.1	60.7	51.8	42.9	60.7
	нтсн	LOWEST MEAN EST MEAN YEAR	26.9 1990	31.1 1976	46.1 1973	55.7 1981	61.3 1987	71.2 1998	75.0 1986	73.4 1983	63.9 1998	53.4 1984	40.8 1985	33.4 1984	26.9 1986
		EST MEAN YEAR	1979	1978	1978	1997	1976	1974	1976	1976	1974	1976	1976	1989	1979
		ME ADJUSTMENT	-1.2	-1.1	-0.9	-0.8	-0.5	-0.4	-0.3	-0.4	-0.6	-0.8	-1.1	-1.0	
065	MAX OBS TI	ME ADJUSTMENT HIGHEST MEAN	-0.8 41.5	-1.3 42.1	-1.0 47.8	-1.0 54.8	-0.9 64.7	-0.8 70.1	-0.5 74.2	-0.5 72.3	-0.8 67.6	-0.6 59.7	-1.0 51.8	-0.7 43.5	74.2
003	MOUNTAIN CITT	MEDIAN	30.6	34.6	42.9	50.3	59.0	66.9	70.2	68.8	63.4	50.5	43.1	34.1	51.4
		LOWEST MEAN	19.1	25.7	36.3	45.3	53.0	62.2	66.9	64.2	57.9	46.0	34.1	24.1	19.1
		EST MEAN YEAR	1974	1990	1973	1981	1991	1981	1993	1983	1998	1984		1984	1993
		EST MEAN YEAR ME ADJUSTMENT	1.4	1978	1996 1.1	-0.1	-0.5	-0.4	-0.3	-0.2	-0.3	0.5	1996 0.5	1.1	1977
		ME ADJUSTMENT	0.3	0.4	0.3	0.4	0.3	0.2	0.1	0.0	-0.1	0.0	0.0	0.2	
066	MT LECONTE	HIGHEST MEAN	37.0	33.1	40.2	47.1	53.8	60.5	61.8	60.6	56.5	51.9	44.2	35.6	61.8
		MEDIAN LOWEST MEAN	24.1	26.2 18.8	33.3 26.7	40.9 36.4	48.7 43.1	55.5 52.0	58.9 56.4	56.8 54.7	52.3 50.0	45.0 38.0	35.5 29.1	28.2	42.3 13.3
	HIGH	EST MEAN YEAR	1974	1976	1989	1981	1991	1981	1980	1988	1978	1984	1985	1984	1980
		EST MEAN YEAR	1977	1978	1993	1997	1989	1972	1984	1992	1996	1988	1997	1989	1977
		ME ADJUSTMENT ME ADJUSTMENT	1.2	1.7	1.7	1.2	0.0	0.1	-0.1 0.1	0.3	0.3	0.9	1.1	1.0	
067	MAX OBS II	HIGHEST MEAN	45.4	49.1	55.7	65.5	72.6	80.7	82.2	81.7	75.3	66.4	55.7	48.5	82.2
		MEDIAN	36.6	40.5	50.0	58.8	66.5	75.4	78.8	76.9	70.1	59.0	49.1	40.6	58.6
	III	LOWEST MEAN	24.4	29.2	43.7	53.4	61.7	70.5	75.6	72.8	65.5	53.3	40.9	26.3	24.4
		EST MEAN YEAR EST MEAN YEAR	1974 1977	1990 1978	1973 1996	1981 1983	1987 1976	1998 1974	1998 1984	1980 1992	1972 1974	1971 1987	1985 1976	1984 2000	1998 1977
		ME ADJUSTMENT	0.7	1.2	-0.1	-0.6	-0.4	-0.3	-0.3	-0.4	-0.3	-0.4	-0.6	0.4	,
0.55		ME ADJUSTMENT	0.3	0.4	0.3	0.3	0.3	0.2	0.1	0.0	-0.1	-0.1	0.0	0.1	61 -
1068	MURFREESBORO	HIGHEST MEAN MEDIAN	44.0 35.3	47.0 39.1	54.3 48.2	62.7 56.8	72.1 65.4	76.9 74.3	81.4 78.3	81.5 75.8	75.8 69.9	64.9 58.1	55.2 48.4	48.9	81.5 57.3
		LOWEST MEAN	21.6	27.1	42.3	51.9	61.1	69.8	75.7	72.3	65.9	51.3	40.3	28.5	21.6
		EST MEAN YEAR	1974	1990	1973	1981	1987	1998	1980	1983	1998	1971	1985	1984	1983
		EST MEAN YEAR	1977	1978 2.1	1971	1983	1994	1974	1976	1992 -0.2	1974 -0.4	1987	1976	1989	1977
		ME ADJUSTMENT ME ADJUSTMENT	0.3	0.4	1.2	0.0	0.0	-0.3 0.2	-0.1 0.1	0.0	-0.4 -0.1	0.4	0.5	1.0	
			1			1			1			1		J.±	



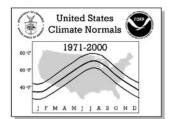
Monthly Normals of Temperature, Precipitation, and Heating and Cooling Degree Days 1971-2000

No.	Station Name	Element	JAN	FEB	MAR	APR	MAY	NORI Jun	VIALS S	TATISTI AUG	CS SEP	ОСТ	NOV	DEC	ANNUAL
069	NASHVILLE INT	HIGHEST MEAN	45.1	49.6	56.1	63.3	73.4	77.6	82.5	82.5	77.1	66.2	56.1	48.9	82.5
		MEDIAN	37.1	41.5	50.2	57.9	66.8	75.3	79.5	77.4	71.4	59.9	49.2	41.0	58.6
	птсп	LOWEST MEAN EST MEAN YEAR	23.4 1990	28.3 1976	44.6 1973	53.8 1981	62.9 1991	70.6 1998	75.3	73.7 1995	65.9 1998	52.9 1971	39.7 1985	28.8 1984	23.4 1995
		JEST MEAN YEAR	1977	1978	1996	1983	1971	1974	1984	1976	1976	1976	1976	1989	1977
		ME ADJUSTMENT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
070	MAX OBS TI NEAPOLIS EXP	ME ADJUSTMENT HIGHEST MEAN	0.0	0.0 48.7	0.0 55.4	0.0	0.0 73.1	0.0 77.7	0.0	0.0	0.0 75.7	65.9	0.0 56.4	0.0	81.8
0,0	NEAFOLIS EXF	MEDIAN	37.1	40.5	49.8	57.6	66.3	75.0	78.6	76.5	70.2	58.7	49.3	40.5	58.4
		LOWEST MEAN	23.4	28.7	44.1	52.6	61.8	70.0	75.6	72.3	65.3	53.3	40.9	29.0	23.4
		IEST MEAN YEAR	1974	1990	1973	1981	1987	1987	1993	1995	1998	1984	1985	1984	1993
		EST MEAN YEAR ME ADJUSTMENT	1977	1978 2.1	1996 1.2	1983	1997 0.0	1974 0.1	1984	1992 -0.2	1974 -0.4	1987	1976 0.5	1989 1.0	1977
		ME ADJUSTMENT	0.3	0.4	0.4	0.4	0.3	0.2	0.1	0.0	-0.1	0.0	0.0	0.1	
071	NEWBERN	HIGHEST MEAN	43.1	48.0	55.5	65.0	73.6	78.7	83.9	82.4	75.5	65.2	54.2	48.0	83.9
		MEDIAN LOWEST MEAN	35.6	40.1	48.8 42.7	58.3	67.4 63.1	76.1 71.6	79.1	77.0 73.6	70.1 66.0	59.1 54.0	49.0 40.8	39.2	58.1
	HIGH	EST MEAN YEAR	1989	1976	1973	1981	1987	1998	1980	1980	1998	1971	1985	1984	1980
		EST MEAN YEAR	1977	1978	1984	1983	1976	1974	1984	1992	1974	1987	1976	1989	1977
		ME ADJUSTMENT	0.7	1.2	-0.1 0.4	0.6	-0.4 0.3	-0.4 0.2	-0.3	-0.5 0.0	-0.4 -0.1	-0.4	0.5	0.4	
073	NEWPORT 1 NW	ME ADJUSTMENT HIGHEST MEAN	48.3	46.8	54.0	61.3	70.9	75.9	80.7	79.3	73.4	63.2	56.3	47.5	80.7
		MEDIAN	36.9	40.9	49.0	56.5	65.1	72.9	76.2	74.6	68.8	57.2	47.2	39.1	57.1
	***	LOWEST MEAN	24.7	31.3	43.3	51.0	60.8	68.5	73.0	72.3	64.6	50.0	39.8	30.3	24.7
		EST MEAN YEAR EST MEAN YEAR	1974 1977	1990 1978	1973 1996	1981 1983	1991 1997	1986 1972	1993 1976	1995 1992	1978 1976	1984 1988	1985 1976	1971 1989	1993 1977
		ME ADJUSTMENT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15//
		ME ADJUSTMENT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
074	NORRIS	HIGHEST MEAN	43.3	45.1	51.5	59.3	69.4	74.1	78.8	77.6	72.8	62.3	54.3	44.2	78.8
		MEDIAN LOWEST MEAN	34.0	37.7 27.6	46.3	54.6	62.1 58.5	70.6 66.0	74.7	72.8 70.7	67.5 63.2	56.4 49.2	45.9 37.4	37.2 28.7	54.9
	HIGH	EST MEAN YEAR	1974	1990	1997	1981	1987	1984	1993	1995	1998	1984	1985	1971	1993
		EST MEAN YEAR	1977	1978	1971	1983	1976	1972	1979	1976	1976	1976	1976	1989	1977
		ME ADJUSTMENT ME ADJUSTMENT	1.3	1.1	1.1	0.0	-0.4 0.3	-0.3 0.2	0.0	-0.2 0.0	-0.3 -0.1	0.3	0.4	0.9	
076	OAK RIDGE ATD	HIGHEST MEAN	47.1	47.7	55.0	62.8	72.2	76.4	82.1	82.1	76.6	65.5	54.5	47.8	82.1
		MEDIAN	37.0	40.4	48.3	57.3	65.2	74.0	77.3	75.7	70.2	59.2	47.0	39.4	57.4
		LOWEST MEAN	24.8	31.1	44.1	51.2	60.5	67.7	73.5	72.3	65.0	51.8	39.7	30.5	24.8
		IEST MEAN YEAR IEST MEAN YEAR	1974 1977	1990 1978	1973 1981	1991 1983	1991 1976	1998 1974	1993 1976	1995 1976	1998 1976	1984 1988	1985 1976	1971 1989	1993 1977
		ME ADJUSTMENT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15//
		ME ADJUSTMENT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
078	ONEIDA	HIGHEST MEAN	43.3	46.0	51.7	58.0	68.2	72.7	78.2	78.8	71.4	61.7	54.0	44.9	78.8
		MEDIAN LOWEST MEAN	33.8	36.9 24.5	45.4 38.6	52.8	61.4 56.1	69.9 63.4	74.1	72.2 69.2	66.3 62.1	54.5 48.2	46.3 35.6	36.8 26.7	54.1
	HIGH	EST MEAN YEAR	1974	1990	1973	1981	1991	1987	1993	1980	1998		1985	1984	1980
		JEST MEAN YEAR					1971				1976				1977
		ME ADJUSTMENT ME ADJUSTMENT	1.3	1.8	1.9	1.2	1.0	0.1	0.5	0.3	0.3	0.9	1.1	0.9	
080	PARIS 2 SE	HIGHEST MEAN	41.8	46.7	54.9	63.8	71.2	77.5	82.0	82.8	74.5	65.9	53.4	46.9	82.8
		MEDIAN	34.6	38.7	47.6	56.8	65.3	74.0	77.3	75.6	68.4	57.8	47.9	38.4	57.0
	117.01	LOWEST MEAN IEST MEAN YEAR	20.8	25.3 1976	40.6	51.2	60.6	69.7	74.2	71.6	65.1	52.0	39.1	26.2	20.8
		EST MEAN YEAR EST MEAN YEAR	1990 1977	1976	1973 1996	1981 1983	1987 1994	1971 1974	1980 1996	1983 1992	1980 1994	1971 1987	1985 1976	1984 1989	1983 1977
		ME ADJUSTMENT	1.5	2.1	1.3	0.0	0.0	0.0	-0.1	-0.2	0.4	0.4	1.2	1.0	
		ME ADJUSTMENT	0.3	0.4	0.4	0.4	0.3	0.2	0.1	0.0	-0.1	0.0	0.0	0.1	
081	PIKEVILLE	HIGHEST MEAN MEDIAN	47.7 37.7	49.8 42.2	55.1 49.8	62.8 57.2	70.5 65.7	76.6 73.1	81.1	79.7 75.1	74.1 69.5	66.0 58.8	56.6 48.8	48.5	81.1 57.8
		LOWEST MEAN	25.1	31.9	49.8	53.6	61.1	67.8	73.4	72.4	66.0	51.9	40.4	31.3	25.1
		EST MEAN YEAR	1974	1990	1973	1981	1991	1981	1980	1980	1980	1984	1985	1971	1980
		JEST MEAN YEAR	1977	1978	1971	1983	1997	1974	1984	1992	1975	1988	1976	1989	1977
		ME ADJUSTMENT ME ADJUSTMENT	-1.1	-1.0 -1.2	-0.9 -1.5	-0.8 -1.6	-0.5 -1.3	-0.4 -0.7	-0.3	-0.3 -0.7	-0.5 -0.7	-0.7 -1.0	-1.0 -0.9	-1.0 -1.2	
082	PORTLAND SEWA	HIGHEST MEAN	42.8	45.8	54.7	63.6	73.5	77.3	82.6	81.6	76.3	65.2	55.1	48.4	82.6
		MEDIAN	35.0	40.0	48.6	56.9	66.5	75.3	78.8	77.0	70.4	59.1	48.9	39.2	57.6
	111 011	LOWEST MEAN	19.8	24.3	42.5	53.0	61.9	70.5	75.3	73.1	66.4	51.8	40.1	26.1	19.8
		IEST MEAN YEAR IEST MEAN YEAR	1990 1977	1990 1978	1973 1996	1981 1997	1987 1976	1971 1974	1986 1984	1995 1992	1998 1974	1971 1988	1985 1976	1971 1989	1986 1977
			1.5	2.0	1.3	0.0	0.0	-0.3	-0.1	-0.2	-0.4	0.4	0.5	1.0	
	MIN OBS TI	ME ADJUSIMENT	0.3												1



Monthly Normals of Temperature, Precipitation, and Heating and Cooling Degree Days 1971-2000

No.	Station Name Element	JAN	FEB	MAR	APR	MAY	NORI Jun	MALS S' JUL	TATISTI AUG	CS SEP	OCT	NOV	DEC	ANNUAL
083	PULASKI WATER HIGHEST MEAN	45.4	50.0	55.3	63.7	71.5	77.6	81.6	81.4	74.9	66.8	57.3	50.0	81.6
	MEDIAN LOWEST MEAN	37.3	40.9	50.1	58.0	66.1 61.2	74.4 69.6	78.3	76.7 72.4	70.5 65.2	59.2 53.6	49.9 41.6	41.1	58.5 25.5
	HIGHEST MEAN YEAR	1990	1990	1973	1981	1987	1998	1980	1983	1980	1984	1985	1984	1980
	LOWEST MEAN YEAR	1977	1978	1996	1997	1976	1974	1976	1992	1974	1976	1976	1989	1977
	MIN OBS TIME ADJUSTMENT	1.5	2.0	1.2	0.0	0.0	0.1	-0.1	-0.2	0.3	0.4	0.5	1.0	
084	MAX OBS TIME ADJUSTMENT RIPLEY HIGHEST MEAN	0.3	0.4	0.4	0.4	0.3	0.2	0.1	0.0	-0.1 76.4	0.0 69.2	0.0 56.0	0.1	84.6
001	MEDIAN	37.1	41.8	50.2	59.1	67.8	76.2	79.9	78.1	71.8	61.2	50.9	40.9	59.5
	LOWEST MEAN	24.4	29.3	43.8	53.3	62.0	71.9	77.6	73.9	66.7	55.9	42.6	27.9	24.4
	HIGHEST MEAN YEAR	1989	1976	1973	1981	1987	1998	1980	1983	1986	1971	1985	1984	1980
	LOWEST MEAN YEAR MIN OBS TIME ADJUSTMENT	1977	1978 2.0	1978 1.3	1983	1976 0.0	1974	1971	1992 -0.2	1974	1987 0.4	1976 1.2	2000	1977
	MAX OBS TIME ADJUSTMENT	0.3	0.4	0.4	0.4	0.3	0.2	0.1	0.0	-0.1	-0.1	0.0	0.1	
085	ROCKWOOD 2 HIGHEST MEAN	45.1	45.2	52.5	61.1	69.9	75.2	79.0	78.1	74.7	63.8	55.4	45.4	79.0
	MEDIAN	35.6	38.8	46.9	55.6	63.4	71.9	76.0	74.2	68.3	56.9	46.7	37.8	55.8
	LOWEST MEAN HIGHEST MEAN YEAR	22.5 1974	29.9 1990	40.3 1997	51.4 1985	59.0 1987	67.9 1984	72.4 1980	70.7 1995	63.1 1998	50.9 1984	39.1 1985	29.6 1984	22.5 1980
	LOWEST MEAN YEAR	1977	1978	1971	1996	1997	1972	1976	1992	1976	1976	1976	1989	1977
	MIN OBS TIME ADJUSTMENT	1.3	1.1	1.1	0.0	0.0	-0.3	-0.1	-0.2	-0.3	0.3	0.4	1.0	
	MAX OBS TIME ADJUSTMENT	0.3	0.4	0.3	0.4	0.3	0.2	0.1	0.0	-0.1	-0.1	0.0	0.1	
086	ROGERSVILLE 1 HIGHEST MEAN MEDIAN	45.2 36.1	47.6 40.0	56.5 48.6	61.7 55.9	69.9 63.6	74.7 71.7	79.4	79.5 74.0	74.2 68.8	62.8 57.5	55.7 47.7	47.8 38.5	79.5 56.5
	LOWEST MEAN	24.0	30.5	42.9	51.5	59.9	66.6	71.3	70.9	64.1	50.4	39.5	28.6	24.0
	HIGHEST MEAN YEAR	1974	1997	1997	1991	1991	1998	1993	1995	1998	1984	1985	1971	1995
	LOWEST MEAN YEAR	1977	1978	1971	1983	1989	1972	1976	1981	1974	1988	1976	1989	1977
	MIN OBS TIME ADJUSTMENT MAX OBS TIME ADJUSTMENT	-1.2 -1.2	-1.0 -1.2	-0.9 -1.6	-0.8 -1.7	-0.6 -1.0	-0.4 -0.8	-0.3 -0.5	-0.4 -0.8	-0.6 -0.8	-0.8 -1.1	-1.1 -0.9	-1.1 -1.2	
087	SAMBURG WILDL HIGHEST MEAN	42.0	46.2	54.0	64.6	72.5	78.1	83.2	81.9	74.7	66.5	54.0	45.9	83.2
	MEDIAN	34.2	38.3	48.1	57.3	66.3	75.1	79.2	76.4	69.7	58.6	48.8	39.1	57.4
	LOWEST MEAN	19.5	24.3	41.9	51.0	62.2	71.2	76.2	72.3	65.1	53.6	39.1	29.1	19.5
	HIGHEST MEAN YEAR LOWEST MEAN YEAR	1990	1976 1978	1976 1996	1981 1983	1987 1976	1971 1974	1980 1996	1983 1992	1986 1975	1971 1976	1999 1976	1971 1989	1980 1977
	MIN OBS TIME ADJUSTMENT	0.7	1.2	-0.1	-0.6	-0.4	-0.4	-0.3	-0.5	-0.4	-0.4	0.5	0.4	19//
	MAX OBS TIME ADJUSTMENT	0.3	0.4	0.4	0.3	0.3	0.2	0.1	0.0	-0.1	-0.1	0.0	0.1	
088	SAVANNAH 6 SW HIGHEST MEAN	45.3	50.2	58.7	66.6	72.9	79.4	84.6	82.9	77.6	67.5	57.7	51.8	84.6
	MEDIAN LOWEST MEAN	38.6 25.9	42.7	52.6 46.5	60.1 55.5	68.0 62.0	76.0 70.7	79.0	77.6 74.9	71.7 66.7	61.4 54.6	51.3 42.1	42.1	60.0 25.9
	HIGHEST MEAN YEAR	1989	1976	1974	1981	1987	2000	1980	1983	1998	1984	1985	1984	1980
	LOWEST MEAN YEAR	1977	1978	1996	1983	1976	1974	1972	1992	1974	1976	1976	1989	1977
	MIN OBS TIME ADJUSTMENT	0.7	1.2	-0.1	-0.6	-0.4	-0.3	-0.3	-0.4	-0.3	-0.4	-0.6	0.4	
nga	MAX OBS TIME ADJUSTMENT SELMER HIGHEST MEAN	0.3	0.4	0.3	0.3	0.3	0.2 79.9	0.1	0.0	-0.1 77.0	-0.1 65.0	0.0	0.1	82.7
009	MEDIAN	38.6	41.6	51.0	58.8	66.7	75.1	78.8	77.2	71.4	60.5	50.1	41.3	59.0
	LOWEST MEAN	24.4	30.1	44.6	53.6	60.8	70.7	75.0	73.4	65.9	53.6	39.8	31.1	24.4
	HIGHEST MEAN YEAR	1990	1990	1973	1999	1987	1998	1980	1980	1998	1984	1985	1984	1980
	LOWEST MEAN YEAR MIN OBS TIME ADJUSTMENT	1977	1978 -0.1	1978 -0.7	1983	1976 -0.5	1974 -0.4	1972 -0.3	1992 -0.5	1974 -0.6	1976 -0.8	1976 -1.1	1989 -0.5	1977
	MAX OBS TIME ADJUSTMENT	0.2	0.4	0.2	0.1	0.2	0.2	0.0		-0.1	-0.2	-0.2	0.1	
090	SEVIERVILLE 1 HIGHEST MEAN	47.6	46.3	52.7	61.5	70.0	76.3	80.2	79.4	75.4	64.2	56.1	47.0	80.2
	MEDIAN	35.4	39.6	47.7	55.7	64.6	72.7	76.1	74.7	68.8	57.4	46.9	38.1	56.5
	LOWEST MEAN HIGHEST MEAN YEAR	21.8 1974	28.5 1990	41.5 1973	51.2 1981	60.6 1991	68.2 1981	72.6 1993	71.6 1995	64.5 1998	49.9 1984	37.5 1985	31.0 1971	21.8 1993
	LOWEST MEAN YEAR	1977	1978	1993	1983	1997	1972	1979	1992	1976	1976	1976	1989	1977
	MIN OBS TIME ADJUSTMENT	1.3	1.0	1.1	0.0	-0.4	-0.3	-0.3	-0.2	-0.3	0.4	0.4	1.0	
	MAX OBS TIME ADJUSTMENT	0.3	0.4	0.3	0.4	0.3	0.2	0.1	0.0	-0.1	-0.1	0.0	0.1	0.1.0
091	SHELBYVILLE W HIGHEST MEAN MEDIAN	46.0	49.4 41.3	56.9 50.6	64.2 57.8	71.8 66.0	76.9 74.6	81.2 77.9	81.3 76.5	75.3 70.1	66.9 59.1	56.5 49.5	49.9 41.2	81.3 58.6
	LOWEST MEAN	25.6	30.0	44.3	53.2	61.4	69.8	75.7	76.5	66.9	52.9	49.5	30.4	25.6
	HIGHEST MEAN YEAR	1974	1990	1973	1981	1987	1998	1980	1983	1980	1984	1985	1984	1983
	LOWEST MEAN YEAR	1977	1978	1996	1997	1997	1974	1996	1992	1974	1988	1976	1989	1977
	MIN OBS TIME ADJUSTMENT MAX OBS TIME ADJUSTMENT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
092	SMITHVILLE 2 HIGHEST MEAN	42.6	46.3	51.9	60.3	69.7	74.9	78.7	78.7	73.2	63.6	54.1	46.5	78.7
	MEDIAN	35.1	37.8	46.5	54.5	63.1	72.3	76.2	73.9	67.4	56.4	46.1	37.9	55.5
	LOWEST MEAN	20.0	25.6	40.1	49.7	59.4	66.5	72.9	70.8	63.8	49.0	37.5	28.5	20.0
	HIGHEST MEAN YEAR	1974	1990	1997	1981	1987	1981	1993	1995	1998	1984	1985	1984	1993
	LOWEST MEAN YEAR MIN OBS TIME ADJUSTMENT	1977	1978 1.8	1971 1.9	1983	1994 1.0	1974 0.1	1976	1976 0.3	1976 0.3	1988	$1976 \\ 1.1$	1989 1.0	1977
	MAX OBS TIME ADJUSTMENT	0.3	0.4	0.4	0.4	0.3	0.2	0.1		-0.1	-0.1	0.0	0.1	
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Monthly Normals of Temperature, Precipitation, and Heating and Cooling Degree Days
1971-2000

									TATISTI					
No. Station Name	Element	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ОСТ	NOV	DEC	ANNUAL
093 SPARTA	HIGHEST MEAN	47.2	50.9	56.0	63.0	73.0	76.7	80.6	80.5	74.2	66.5	59.3	49.9	80.6
	MEDIAN LOWEST MEAN	39.2	42.2	51.8 43.1	58.3 53.6	66.0 60.0	73.9 69.2	77.3	75.8 71.4	69.9 64.6	59.1 53.4	49.8 39.8	41.5	58.5 24.8
н	IGHEST MEAN YEAR	1974	1990	1973	1991	1987	1986	1993	1983	1998	1985	1985	1984	1993
	LOWEST MEAN YEAR	1977	1978	1971	1983	1971	1972	1972	1976	1976	1976	1976	1989	1977
	TIME ADJUSTMENT	-1.3	-1.2	-1.0	-0.8	-0.6	-0.4	-0.3	-0.4	-0.6	-0.9	-1.2	-1.2	
	TIME ADJUSTMENT	-1.9	-2.0	-2.2	-2.3	-1.7	-1.1	-0.9	-0.9	-1.2	-1.6	-1.5	-1.8	01.0
094 SPRINGFIELD	E HIGHEST MEAN MEDIAN	42.2	45.8 38.6	53.8 47.6	62.6 56.5	72.2 65.0	76.8 73.3	81.0 76.8	80.8 75.0	73.1 68.9	65.2 57.7	54.1 47.9	47.3 38.7	81.0 56.8
	LOWEST MEAN	19.2	24.2	40.4	49.5	59.5	68.7	74.6	71.3	64.0	51.4	38.3	25.5	19.2
Н	IGHEST MEAN YEAR	1990	1990	1973	1981	1987	1984	1993	1983	1980	1971	1985	1984	1993
	LOWEST MEAN YEAR	1977	1978	1996	1997	1997	1974	1976	1976	1974	1976	1976	1989	1977
	TIME ADJUSTMENT TIME ADJUSTMENT	1.5	1.9	2.1	1.3	1.1	0.0	0.5	0.4	0.3	1.0	1.2	1.0	
096 TAZEWELL	HIGHEST MEAN	43.5	44.3	49.8	57.6	68.7	73.7	78.2	78.3	72.0	62.2	54.6	44.5	78.3
	MEDIAN	33.9	37.0	45.0	52.6	62.2	70.6	74.7	73.1	67.1	55.3	44.5	36.0	54.2
	LOWEST MEAN	20.5	25.8	38.4	48.8	56.8	65.3	71.1	69.8	62.9	48.0	36.1	27.3	20.5
	IGHEST MEAN YEAR	1974	1990	1989	1991	1987	1994	1993	1995	1978	1984	1985	1984	1995
	LOWEST MEAN YEAR TIME ADJUSTMENT	1977	1978 2.1	1971 2.1	1983	1973	1974	1976 -0.1	1976 0.4	1976 0.3	1987	1976 1.2	1989	1977
	TIME ADJUSTMENT	0.3	0.4	0.4	0.4	0.3	0.1	0.1	0.0	-0.1	0.0	0.1	0.1	
097 TULLAHOMA	HIGHEST MEAN	45.9	48.8	55.7	63.2	69.6	75.9	80.5	80.0	74.6	64.8	55.3	49.1	80.5
	MEDIAN	36.7	41.0	49.0	57.1	65.1	73.6	77.2	75.2	69.1	58.7	49.3	40.7	57.8
77	LOWEST MEAN IGHEST MEAN YEAR	24.0 1974	29.5 1990	44.0 1973	52.2 1981	61.0 1998	69.4 1981	74.1 1980	71.2 1980	66.1 1998	52.3 1971	40.2 1985	30.4 1984	24.0 1980
	LOWEST MEAN YEAR	1974	1990	1973	1981	1998	1981	1980	1980	1998	1971	1985	1984	1980
	TIME ADJUSTMENT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
MAX OBS	TIME ADJUSTMENT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
098 UNION CITY	HIGHEST MEAN	43.3	45.7	53.7	63.7	72.7	78.0	82.3	82.0	75.1	64.9	53.2	46.1	82.3
	MEDIAN LOWEST MEAN	34.3	38.7 23.7	47.7 41.5	56.6 50.6	66.5 60.9	74.9 70.6	78.3 75.7	76.1 72.2	69.6 64.6	58.3	47.8 38.4	38.3	57.0 19.7
Н	IGHEST MEAN YEAR	1998	1990	1973	1981	1987	1984	1993	1983	1998	1971	1999	1984	1993
	LOWEST MEAN YEAR	1977	1978	1980	1983	1976	1974	1971	1992	1974	1987	1976	1989	1977
	TIME ADJUSTMENT	1.5	2.1	1.3	0.0	0.0	0.0	-0.1	-0.2	0.4	0.4	1.2	1.0	
	TIME ADJUSTMENT	0.3	0.4	0.4	0.4	0.3	0.2	0.1	0.0	-0.1	0.0	0.0	0.1	00.0
099 WAVERLY	HIGHEST MEAN MEDIAN	42.9 35.4	47.8 38.9	55.2 47.8	62.6 56.5	71.5 65.2	77.8 74.1	82.2 77.5	81.0 75.8	74.7 69.1	63.8 57.6	54.2 46.9	48.0	82.2 56.7
	LOWEST MEAN	20.6	25.8	41.8	50.5	59.7	68.6	74.0	71.7	64.6	51.1	37.5	26.5	20.6
Н	IGHEST MEAN YEAR	1998	1990	1973	1981	1998	1998	1999	1983	1998	1971	1985	1984	1999
	LOWEST MEAN YEAR	1977	1978	1980	1983	1976	1974	1971	1976	1974	1987	1976	1989	1977
	TIME ADJUSTMENT TIME ADJUSTMENT	1.5	2.0	1.2	0.0	0.0	0.0	-0.1 0.1	-0.2 0.0	0.3	0.4	0.5	1.0	
100 WAYNESBORO	HIGHEST MEAN	44.6	47.6	54.7	63.0	70.7	76.6	80.9	79.9	74.0	65.1	54.4	48.8	80.9
	MEDIAN	36.9	39.9	48.4	56.1	65.2	73.5	76.9	75.6	68.9	57.8	47.9	39.8	57.3
	LOWEST MEAN	22.7	28.2	42.6	51.2	59.7	69.0	74.9	70.9	65.5	51.0	38.8	28.9	22.7
	IGHEST MEAN YEAR LOWEST MEAN YEAR	1974 1977	1990	1973	1981 1983	1987	1998	1980	1980 1992	1998	1971 1987	1985 1976	1971	1980 1977
	TIME ADJUSTMENT	1.5	2.0	1.2	0.0	0.0	0.1	-0.1	-0.2	0.3	0.4	0.5	1.0	19//
	TIME ADJUSTMENT	0.3		0.4	0.4	0.3	0.2	0.1		-0.1	-0.1	0.0	0.1	
101 WINCHESTER 1	HIGHEST MEAN		52.2	57.7	64.9	72.4	77.1	80.6	80.3	75.2	66.3	58.3		80.6
	MEDIAN		43.3	51.9	59.4	66.7	74.5		76.4		60.4	51.1	42.9	59.4
н	LOWEST MEAN IGHEST MEAN YEAR		33.7 1990	46.4 1973	53.9 1981	61.9 1987	70.2 1998	1980	73.0 1983	66.1 1998	54.7 1984	42.7 1985	33.4 1984	26.2 1980
	LOWEST MEAN YEAR	1977		1971	1983	1997	1974	1976	1992	1974	1976	1976	1989	1977
MIN OBS	TIME ADJUSTMENT	-1.2	-1.1	-0.9	-0.8	-0.5	-0.4	-0.3	-0.3	-0.5	-0.8	-1.0	-1.0	
	TIME ADJUSTMENT	-1.2	-1.9	-1.5	-1.6	-1.3	-0.7	-0.7		-0.8	-1.0	-0.9	-1.2	
102 WOODBURY 1 W		44.6	48.7	54.5	61.5	70.5	75.8	81.1	79.9		65.2		48.3	81.1
	MEDIAN LOWEST MEAN	36.2	38.6 27.4	48.9 42.8	55.8 51.1	64.7 60.2	73.2 69.2	77.1	75.2 72.1	65.9	57.4 51.0	47.6 38.7	39.4 28.7	56.9 22.7
Н	IGHEST MEAN YEAR		1990	1973	1999	1987	1994	1999	1995		1971	1985	1984	1999
	LOWEST MEAN YEAR	1977	1978	1996	1983	1997	1974	1984	1992	1974	1988	1976	1989	1977
	TIME ADJUSTMENT	1.4	2.0	1.2	0.0	0.0	-0.3		-0.2		0.4	0.5	1.1	
MAX OBS	TIME ADJUSTMENT	0.3	0.4	0.4	0.4	0.3	0.2	0.1	0.0	-0.1	-0.1	0.0	0.1	