



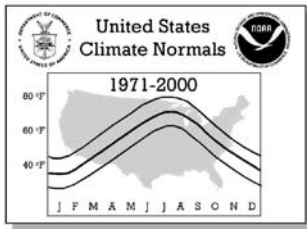
**Monthly Station Normals  
of Temperature, Precipitation,  
and Heating and Cooling  
Degree Days  
1971 - 2000**



**14  
KANSAS**



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

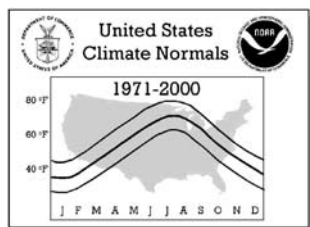


**CLIMATOGRAPHY OF THE UNITED STATES NO. 81**  
Monthly Normals of Temperature, Precipitation, and Heating and Cooling Degree Days  
**1971-2000**

**KANSAS**

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# CLIMATOGRAPHY OF THE UNITED STATES NO. 81

Monthly Normals of Temperature, Precipitation, and Heating and Cooling Degree Days  
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## 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

**COOP ID** = Cooperative Network ID (1:2=State ID, 3:6=Station Index)

**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)

**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 non-climatic 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.

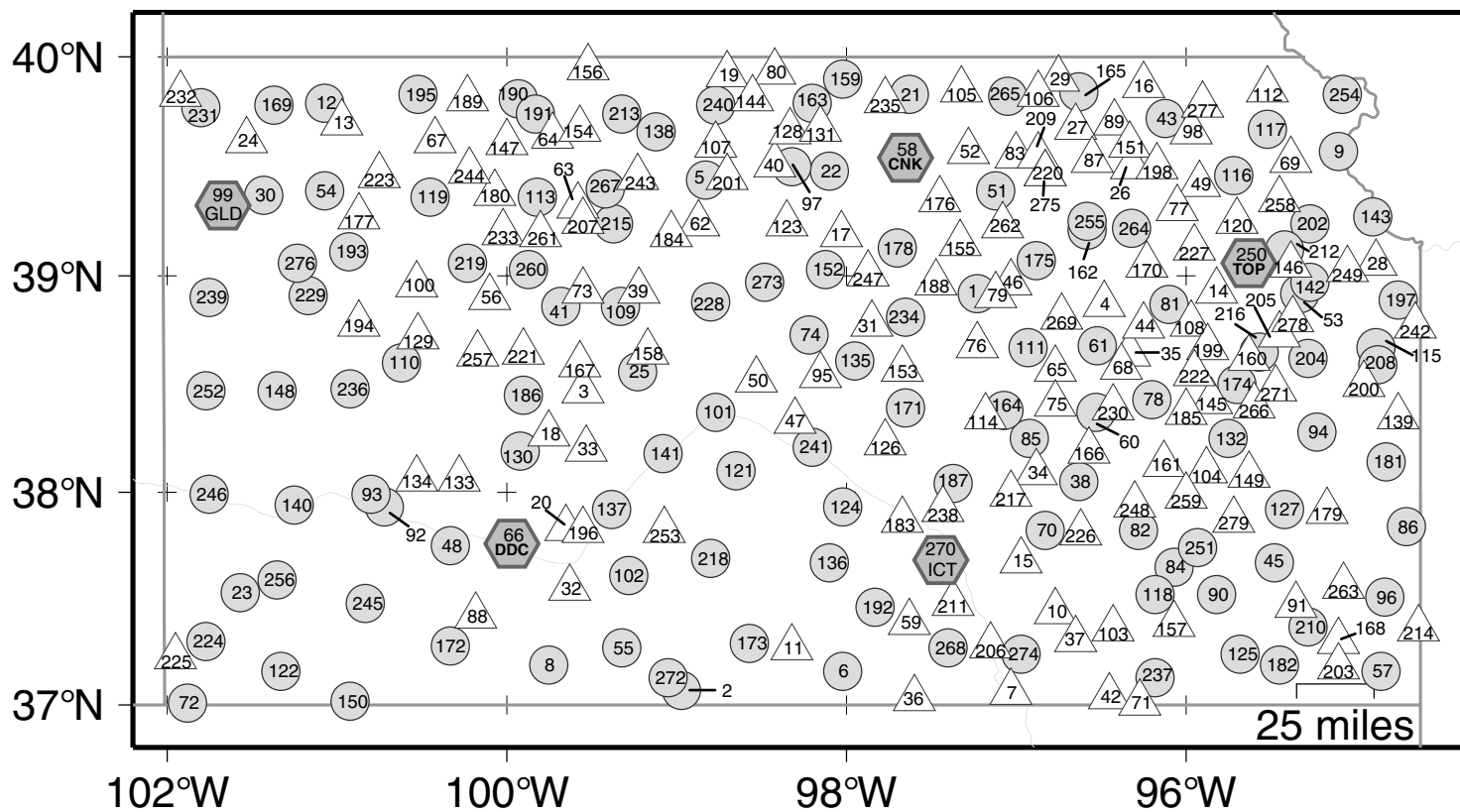
### References:

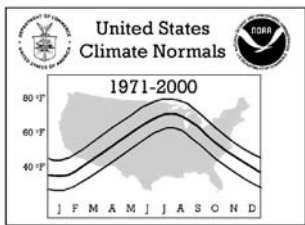
- Easterling, D.R., and T.C. Peterson, 1995: A new method for detecting and adjusting for undocumented discontinuities in climatological time series. *Intl. J. Clim.*, **15**, 369-377.
- Karl, T.R., C.N. Williams, Jr., P.J. Young, and W.M. Wendland, 1986: A model to estimate the time of observation bias 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**

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# CLIMATOGRAPHY OF THE UNITED STATES NO. 81

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

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STATION INVENTORY										
No.	COOP ID	WBAN ID	Elements	Station Name	Call	Latitude	Longitude	Elev	Flag 1	Flag 2
1	140010		XNP	ABILENE 1 W		38 55 N	97 14 W	1170		+
2	140069		XNP	AETNA 2 S		37 04 N	98 58 W	1572		
3	140135		P	ALEXANDER		38 28 N	99 33 W	2070		+
4	140195		P	ALTA VISTA		38 52 N	96 29 W	1430		+
5	140201		XNP	ALTON 6 ESE		39 26 N	98 51 W	1620		+
6	140264		XNP	ANTHONY		37 09 N	98 02 W	1340		+
7	140313		P	ARKANSAS CITY		37 04 N	97 02 W	1118		+
8	140365		XNP	ASHLAND		37 12 N	99 46 W	1970		+
9	140405		XNP	ATCHISON		39 34 N	95 07 W	945		+
10	140424		P	ATLANTA		37 26 N	96 46 W	1440		+
11	140431		P	ATTICA 6 WNW		37 16 N	98 19 W	1440		
12	140439		XNP	ATWOOD 2 SW		39 47 N	101 05 W	2862		+
13	140441		P	ATWOOD 8 SSE		39 42 N	100 58 W	2980		+
14	140443		P	AUBURN 1 N		38 56 N	95 49 W	1170		+
15	140447		P	AUGUSTA		37 41 N	96 58 W	1260		+
16	140471		P	AXTELL		39 52 N	96 15 W	1365		+
17	140532		P	BARNARD		39 11 N	98 03 W	1322		+
18	140620		P	BAZINE 13 SSW		38 16 N	99 45 W	2184		
19	140673		P	BELLAIRE 8 N		39 55 N	98 42 W	1980		
20	140676		P	BELLEFONT 3 S		37 50 N	99 39 W	2375		
21	140682		XNP	BELLEVILLE		39 50 N	97 38 W	1540		+
22	140693		XNP	BELOIT		39 29 N	98 06 W	1462		+
23	140800		XNP	BIG BOW 2 S		37 32 N	101 34 W	3170		
24	140836		P	BIRD CITY 10 S		39 37 N	101 33 W	3400		+
25	140865		XNP	BISON 3 NW		38 34 N	99 14 W	2040		+
26	140877		P	BLAINE 4 E		39 30 N	96 19 W	1540		
27	140911		P	BLUE RAPIDS		39 41 N	96 40 W	1150		+
28	140957		P	BONNER SPRINGS		39 04 N	94 54 W	830		+
29	141003		P	BREMEN 1 E		39 54 N	96 46 W	1298		+
30	141029		XNP	BREWSTER 4 W		39 22 N	101 27 W	3437		
31	141057		P	BROOKVILLE		38 47 N	97 52 W	1380		+
32	141104		P	BUCKLIN		37 33 N	99 38 W	2410		+
33	141141		P	BURDETT 1 NW		38 12 N	99 32 W	2104		+
34	141173		P	BURNS		38 05 N	96 53 W	1500		
35	141202		P	BUSHONG 5 W		38 39 N	96 21 W	1390		+
36	141233		P	CALDWELL		37 02 N	97 37 W	1130		+
37	141239		P	CAMBRIDGE		37 19 N	96 40 W	1300		
38	141351		XNP	CASSODAY		38 03 N	96 38 W	1460		+
39	141355		P	CATHARINE 1 NW		38 56 N	99 14 W	2000		
40	141371		P	CAWKER CITY		39 31 N	98 26 W	1470		+
41	141383		XNP	CEDAR BLUFF DAM 4 NNE		38 52 N	99 42 W	2230		
42	141395		P	CEDAR VALE 5 SSE		37 02 N	96 28 W	890		+
43	141408		XNP	CENTRALIA		39 43 N	96 07 W	1320		+
44	141425		P	CHALK		38 46 N	96 15 W	1480		
45	141427	13981	XNP	CHANUTE JOHNSON AP	CNU	37 40 N	95 29 W	979		+
46	141435		P	CHAPMAN		38 58 N	97 02 W	1210		+
47	141452		P	CHASE 3 SE		38 20 N	98 19 W	1700		
48	141522		XNP	CIMARRON 4 S		37 45 N	100 21 W	2660		+
49	141529		P	CIRCLEVILLE 7 SW		39 25 N	95 55 W	1120		+
50	141536		P	CLAFLIN		38 31 N	98 32 W	1795		+
51	141559		XNP	CLAY CENTER		39 24 N	97 08 W	1220		+
52	141593		P	CLIFTON		39 34 N	97 17 W	1295		
53	141612		XNP	CLINTON LAKE		38 56 N	95 20 W	979		
54	141699		XNP	COLBY 1 SW		39 24 N	101 04 W	3170		+
55	141704		XNP	COLDWATER		37 16 N	99 20 W	2083		+
56	141730		P	COLLYER 10 S		38 54 N	100 07 W	2407		+
57	141740		XNP	COLUMBUS 1 SW		37 10 N	94 51 W	900		+
58	141767	13984	XNP	CONCORDIA BLOSSER AP	CNK	39 33 N	97 39 W	1469	*	+
59	141795		P	CONWAY SPRINGS		37 23 N	97 39 W	1340		+
60	141858		XNP	COTTONWOOD FALLS		38 22 N	96 33 W	1240		+
61	141867		XNP	COUNCIL GROVE LAKE		38 41 N	96 32 W	1320		+
62	141875		P	COVERT		39 15 N	98 52 W	1880		+
63	141999		P	DAMAR		39 19 N	99 35 W	2100		+
64	142086		P	DENSMORE		39 38 N	99 45 W	2070		+
65	142135		P	DIAMOND SPRINGS		38 34 N	96 46 W	1360		+
66	142164	13985	XNP	DODGE CITY RGNL AP	DDC	37 46 N	99 58 W	2582	*	+
67	142213		P	DRESDEN		39 37 N	100 25 W	2730		+
68	142267		P	DUNLAP 2 N		38 35 N	96 23 W	1170		+
69	142388		P	EFFINGHAM		39 32 N	95 24 W	1150		+
70	142401		XNP	EL DORADO		37 49 N	96 51 W	1340		+



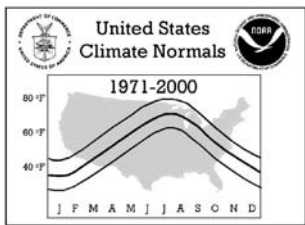
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STATION INVENTORY											
No.	COOP ID	WBAN ID	Elements	Station Name	Call	Latitude	Longitude	Elev	Flag 1	Flag 2	
71	142409		P	ELGIN		37 00 N	96 16 W	800			+
72	142432		XNP	ELKHART		37 00 N	101 53 W	3599			+
73	142452		P	ELLIS		38 56 N	99 34 W	2170			+
74	142459		XNP	ELLSWORTH		38 44 N	98 14 W	1530			
75	142470		P	ELMDALE 8 WNW		38 25 N	96 46 W	1280			
76	142478		P	ELMO 1 SW		38 41 N	97 14 W	1310			+
77	142519		P	EMMETT		39 18 N	96 03 W	1030			+
78	142548		XNP	EMPORIA 3 NW		38 26 N	96 12 W	1220			
79	142574		P	ENTERPRISE		38 54 N	97 07 W	1150			+
80	142592		P	ESBON 7 N		39 56 N	98 26 W	1870			+
81	142602		XNP	ESKRIDGE		38 52 N	96 06 W	1414			
82	142622		XNP	EUREKA		37 49 N	96 17 W	1080			+
83	142652		P	FACT		39 33 N	97 00 W	1340			+
84	142686		XNP	FALL RIVER LAKE		37 39 N	96 05 W	1020			+
85	142773		XNP	FLORENCE		38 15 N	96 56 W	1294			+
86	142835		XNP	FORT SCOTT		37 51 N	94 43 W	845			+
87	142848		P	FOSTORIA 7 NW		39 32 N	96 33 W	1200			+
88	142855		P	FOWLER 3 NNE		37 25 N	100 11 W	2480			
89	142872		P	FRANKFORT		39 42 N	96 26 W	1120			+
90	142894		XNP	FREDONIA		37 31 N	95 49 W	870			+
91	142945		P	GALESBURG		37 28 N	95 21 W	990			
92	142975	23064	XNP	GARDEN CITY 9 ESE	GCK	37 56 N	100 43 W	2882			+
93	142980		XNP	GARDEN CITY EXP STN		38 00 N	100 49 W	2868			+
94	143008		XNP	GARNETT 1 E		38 17 N	95 14 W	980			+
95	143037		P	GENESEO		38 32 N	98 10 W	1750			
96	143074		XNP	GIRARD		37 30 N	94 50 W	985			+
97	143100		XNP	GLEN ELDER LAKE		39 30 N	98 19 W	1500			+
98	143138		P	GOFF 3 WSW		39 39 N	95 59 W	1365			
99	143153	23065	XNP	GOODLAND RENNER AP	GLD	39 22 N	101 42 W	3645	*		+
100	143175		P	GOVE 4 W		38 58 N	100 33 W	2685			+
101	143218		XNP	GREAT BEND		38 22 N	98 46 W	1860			+
102	143239		XNP	GREENSBURG		37 37 N	99 18 W	2230			+
103	143248		P	GRENOLA 1 N		37 21 N	96 27 W	1155			+
104	143257		P	GRIDLEY		38 06 N	95 53 W	1110			+
105	143323		P	HADDAM		39 51 N	97 19 W	1440			+
106	143398		P	HANOVER 4 S		39 50 N	96 52 W	1220			
107	143432		P	HARLAN		39 36 N	98 46 W	1590			
108	143467		P	HARVEYVILLE		38 47 N	95 58 W	1180			+
109	143527		XNP	HAYS 1 S		38 52 N	99 20 W	2010			+
110	143554		XNP	HEALY		38 36 N	100 37 W	2850			+
111	143594		XNP	HERINGTON		38 40 N	96 57 W	1350			+
112	143634		P	HIAWATHA		39 51 N	95 32 W	1090			+
113	143665		XNP	HILL CITY 1 E		39 22 N	99 50 W	2147			
114	143667		P	HILLSBORO		38 21 N	97 12 W	1440			+
115	143686		XNP	HILLSDALE LAKE		38 40 N	94 54 W	1010			
116	143759		XNP	HOLTON		39 28 N	95 44 W	1043			+
117	143810		XNP	HORTON		39 40 N	95 31 W	1030			+
118	143822		XNP	HOWARD 5 NE		37 31 N	96 12 W	1100			+
119	143837		XNP	HOXIE		39 22 N	100 27 W	2706			+
120	143842		P	HOYT		39 15 N	95 42 W	1140			+
121	143847		XNP	HUDSON		38 06 N	98 40 W	1867			+
122	143855		XNP	HUGOTON		37 10 N	101 20 W	3110			+
123	143897		P	HUNTER		39 15 N	98 22 W	1645			
124	143930		XNP	HUTCHINSON 10 SW		37 56 N	98 02 W	1570			+
125	143954		XNP	INDEPENDENCE		37 14 N	95 42 W	805			+
126	143974		P	INMAN		38 14 N	97 46 W	1530			+
127	143984		XNP	IOLA 1 W		37 55 N	95 26 W	954			+
128	143997		P	IONIA		39 40 N	98 21 W	1580			+
129	144073		P	JEROME 2 S		38 43 N	100 32 W	2565			
130	144087		XNP	JETMORE 8 NNW		38 11 N	99 55 W	2430			+
131	144089		P	JEWELL		39 40 N	98 09 W	1600			
132	144104		XNP	JOHN REDMOND LAKE		38 15 N	95 45 W	1091			+
133	144161		P	KALVESTA 1 W		38 04 N	100 18 W	2670			+
134	144166		P	KALVESTA 14 W		38 04 N	100 32 W	2695			
135	144178		XNP	KANOPOLIS LAKE		38 36 N	97 58 W	1492			+
136	144313		XNP	KINGMAN		37 40 N	98 07 W	1570			+
137	144333		XNP	KINSLEY		37 55 N	99 24 W	2167			+
138	144357		XNP	KIRWIN DAM		39 40 N	99 07 W	1697			
139	144421		P	LA CYGNE		38 21 N	94 46 W	830			+
140	144464		XNP	LAKIN		37 56 N	101 15 W	2998			+



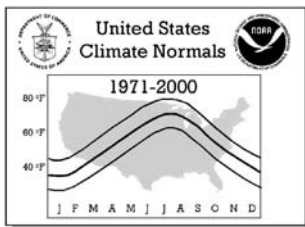
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STATION INVENTORY										
No.	COOP ID	WBAN ID	Elements	Station Name	Call	Latitude	Longitude	Elev	Flag 1	Flag 2
141	144530		XNP	LARNED		38 11 N	99 06 W	1995		+
142	144559		XNP	LAWRENCE		38 58 N	95 16 W	980		+
143	144588		XNP	LEAVENWORTH		39 16 N	94 55 W	870		+
144	144598		P	LEBANON		39 49 N	98 34 W	1800		+
145	144608		P	LEBO		38 25 N	95 51 W	1170		+
146	144613		P	LECOMPTON		39 03 N	95 23 W	870		+
147	144642		P	LENORA		39 37 N	100 00 W	2260		+
148	144665		XNP	LEOTI 1 SE		38 28 N	101 21 W	3307		+
149	144675		P	LE ROY		38 05 N	95 38 W	1010		+
150	144695		XNP	LIBERAL		37 01 N	100 56 W	2834		+
151	144708		P	LILLIS		39 36 N	96 20 W	1350		+
152	144712		XNP	LINCOLN 1 ESE		39 02 N	98 07 W	1380		+
153	144735		P	LINDSBORG		38 34 N	97 40 W	1340		+
154	144775		P	LOGAN		39 40 N	99 35 W	1940		+
155	144802		P	LONGFORD		39 09 N	97 20 W	1335		+
156	144807		P	LONG ISLAND		39 57 N	99 32 W	2065		+
157	144812		P	LONGTON		37 23 N	96 05 W	940		+
158	144821		P	LORETTA		38 39 N	99 11 W	2000		+
159	144857		XNP	LOVEWELL DAM		39 54 N	98 02 W	1602		+
160	144912		P	LYNDON 3 ENE		38 37 N	95 38 W	1040		+
161	144937		P	MADISON		38 08 N	96 08 W	1165		+
162	144972		XNP	MANHATTAN		39 13 N	96 36 W	1065		+
163	144982		XNP	MANKATO		39 47 N	98 13 W	1755		+
164	145039		XNP	MARION LAKE		38 23 N	97 05 W	1369		+
165	145063		XNP	MARYSVILLE		39 50 N	96 38 W	1180		+
166	145069		P	MATFIELD GREEN 2 N		38 11 N	96 34 W	1300		+
167	145115		P	MCCRACKEN		38 35 N	99 34 W	2150		+
168	145123		P	MC CUNE 6 SW		37 18 N	95 06 W	830		+
169	145127		XNP	MC DONALD		39 47 N	101 22 W	3364		+
170	145132		P	MC FARLAND		39 03 N	96 14 W	1030		+
171	145152		XNP	MCPHERSON		38 23 N	97 40 W	1495		+
172	145171		XNP	MEADE		37 17 N	100 21 W	2477		+
173	145173		XNP	MEDICINE LODGE	P28	37 17 N	98 34 W	1500		+
174	145210		XNP	MELVERN LAKE		38 30 N	95 42 W	1093		+
175	145306		XNP	MILFORD LAKE		39 04 N	96 54 W	1210		+
176	145335		P	MILTONVALE		39 21 N	97 27 W	1375		+
177	145355		P	MINGO 5 E		39 16 N	100 52 W	3025		+
178	145363		XNP	MINNEAPOLIS		39 08 N	97 42 W	1310		+
179	145463		P	MORAN		37 55 N	95 10 W	1100		+
180	145483		P	MORLAND 2 N		39 23 N	100 04 W	2394		+
181	145528		XNP	MOUND CITY		38 09 N	94 49 W	840		+
182	145536		XNP	MOUND VALLEY 3 WSW		37 11 N	95 27 W	800		+
183	145539		P	MOUNT HOPE		37 52 N	97 40 W	1440		+
184	145628		P	NATOMA		39 11 N	99 02 W	1830		+
185	145680		P	NEOSHO RAPIDS		38 22 N	96 00 W	1085		+
186	145692		XNP	NESS CITY		38 27 N	99 55 W	2250		+
187	145744		XNP	NEWTON 2 SW		38 03 N	97 22 W	1447		+
188	145768		P	NILES		38 58 N	97 28 W	1200		+
189	145787		P	NORCATUR 3 WSW		39 49 N	100 14 W	2540		+
190	145852		XNP	NORTON DAM		39 49 N	99 56 W	2340		+
191	145856		XNP	NORTON 9 SSE (HILL CITY)	HLC	39 44 N	99 50 W	2360		+
192	145870		XNP	NORWICH		37 28 N	97 51 W	1490		+
193	145888		XNP	OAKLEY 4 W		39 07 N	100 57 W	3100		+
194	145892		P	OAKLEY 22 S		38 47 N	100 52 W	2725		+
195	145906		XNP	OBERLIN		39 50 N	100 32 W	2605		+
196	145920		P	OFFERLE 5 S		37 49 N	99 34 W	2250		+
197	145972		XNP	OLATHE 3 E		38 53 N	94 46 W	1055		+
198	146014		P	ONAGA		39 30 N	96 10 W	1144		+
199	146076		P	OSAGE CITY 4 NW		38 40 N	95 52 W	1170		+
200	146084		P	OSAWATOMIE		38 30 N	94 58 W	860		+
201	146088		P	OSBORNE		39 27 N	98 42 W	1610		+
202	146100		XNP	OSKALOOSA 4 NE		39 15 N	95 16 W	918		+
203	146115		P	OSWEGO 1 N		37 11 N	95 06 W	835		+
204	146128		XNP	OTTAWA		38 37 N	95 17 W	900		+
205	146154		P	OVERBROOK 7 SE		38 44 N	95 27 W	1074		+
206	146169		P	OXFORD		37 17 N	97 10 W	1150		+
207	146192		P	PALCO		39 15 N	99 34 W	2280		+
208	146209		XNP	PAOLA		38 35 N	94 53 W	860		+
209	146217		P	PARALLEL		39 33 N	96 52 W	1265		+
210	146242		XNP	PARSONS 2 NW		37 22 N	95 17 W	910		+



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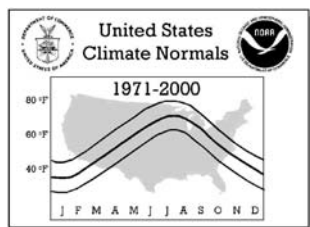
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STATION INVENTORY										
No.	COOP ID	WBAN ID	Elements	Station Name	Call	Latitude	Longitude	Elev	Flag 1	Flag 2
211	146305		P	PECK		37 29 N	97 22 W	1260		+
212	146333		XNP	PERRY LAKE		39 07 N	95 25 W	960		+
213	146374		XNP	PHILLIPSBURG 1 SSE		39 44 N	99 19 W	1907		
214	146414		P	PITTSBURG		37 21 N	94 38 W	930		+
215	146435		XNP	PLAINVILLE 4 WNW		39 15 N	99 23 W	2083		
216	146498		XNP	POMONA LAKE		38 39 N	95 34 W	1063		+
217	146524		P	POTWIN 3 N		37 59 N	97 02 W	1340		+
218	146549		XNP	PRATT 4 W		37 41 N	98 48 W	1940		+
219	146637		XNP	QUINTER		39 04 N	100 14 W	2678		+
220	146679		P	RANDOLPH 4 WNW		39 28 N	96 50 W	1170		
221	146685		P	RANSOM 2 NE		38 39 N	99 54 W	2490		+
222	146725		P	READING 2 N		38 33 N	95 57 W	1050		+
223	146787		P	REXFORD 1 SW		39 27 N	100 45 W	2950		+
224	146808		XNP	RICHFIELD 1 NE		37 18 N	101 46 W	3410		+
225	146813		P	RICHFIELD 10 WSW		37 14 N	101 57 W	3530		+
226	146979		P	ROSALIA		37 49 N	96 37 W	1525		+
227	147007		P	ROSSVILLE		39 08 N	95 57 W	920		+
228	147046	93997	XNP	RUSSELL 1 E	RSL	38 53 N	98 49 W	1858		
229	147049		XNP	RUSSELL SPRINGS		38 55 N	101 10 W	2910		+
230	147075		P	SAFFORDVILLE 3 SW		38 23 N	96 27 W	1160		
231	147093		XNP	SAINT FRANCIS		39 46 N	101 49 W	3362		+
232	147095		P	ST FRANCIS 8 NW		39 50 N	101 55 W	3612		+
233	147140		P	ST PETER 4 ENE		39 12 N	100 02 W	2500		+
234	147160	03919	XNP	SALINA MUNICIPAL AP	SLN	38 49 N	97 40 W	1263		
235	147248		P	SCANDIA		39 48 N	97 46 W	1436		+
236	147271		XNP	SCOTT CITY		38 29 N	100 55 W	2970		+
237	147305		XNP	SEDAN		37 08 N	96 11 W	880		+
238	147313		P	SEDGWICK 1 W		37 55 N	97 26 W	1380		+
239	147397		XNP	SHARON SPRINGS		38 54 N	101 45 W	3450		+
240	147542		XNP	SMITH CENTER		39 47 N	98 47 W	1780		+
241	147796		XNP	STERLING		38 13 N	98 12 W	1636		+
242	147809		P	STILWELL		38 46 N	94 39 W	1100		+
243	147832		P	STOCKTON 1 E		39 27 N	99 15 W	1771		+
244	147904		P	STUDLEY 9 NNW		39 29 N	100 13 W	2510		+
245	147922		XNP	SUBLETTE		37 29 N	100 50 W	2920		+
246	148038		XNP	SYRACUSE		37 59 N	101 45 W	3260		+
247	148086		P	TESCOTT		39 01 N	97 53 W	1300		+
248	148114		P	THRALL 4 S		37 56 N	96 18 W	1420		+
249	148156		P	TONGANOXIE 5 SE		39 02 N	95 03 W	830		+
250	148167	13996	XNP	TOPEKA BILLARD MNCPL AP	TOP	39 04 N	95 38 W	881	*	+
251	148191		XNP	TORONTO LAKE		37 45 N	95 56 W	950		+
252	148235		XNP	TRIBUNE 1 W		38 28 N	101 47 W	3636		+
253	148245		P	TROUSDALE 1 NE		37 49 N	99 05 W	2050		+
254	148250		XNP	TROY 3 N		39 50 N	95 05 W	1040		+
255	148259		XNP	TUTTLE CREEK LAKE		39 15 N	96 36 W	1057		+
256	148287		XNP	ULYSSES		37 35 N	101 21 W	3050		+
257	148323		P	UTICA		38 38 N	100 10 W	2620		+
258	148341		P	VALLEY FALLS		39 21 N	95 27 W	930		+
259	148436		P	VIRGIL		37 59 N	96 01 W	1060		+
260	148495		XNP	WAKEENEY		39 02 N	99 53 W	2460		+
261	148498		P	WAKEENEY 11 NNE		39 11 N	99 49 W	2358		+
262	148503		P	WAKEFIELD 4 W		39 14 N	97 05 W	1240		
263	148549		P	WALNUT 3 S		37 33 N	95 04 W	900		+
264	148563		XNP	WAMEGO		39 13 N	96 20 W	1010		+
265	148578		XNP	WASHINGTON		39 49 N	97 03 W	1304		+
266	148608		P	WAVERLY		38 24 N	95 36 W	1120		
267	148648		XNP	WEBSTER DAM		39 24 N	99 25 W	1863		+
268	148670		XNP	WELLINGTON		37 16 N	97 25 W	1220		+
269	148802		P	WHITE CITY		38 48 N	96 45 W	1462		+
270	148830	03928	XNP	WICHITA MID-CONTINENT AP	ICT	37 39 N	97 26 W	1321	*	+
271	148892		P	WILLIAMSBURG		38 29 N	95 28 W	1140		+
272	148914		XNP	WILMORE 16 SE		37 08 N	99 03 W	1700		
273	148946		XNP	WILSON LAKE		38 58 N	98 29 W	1512		+
274	148964		XNP	WINFIELD NO. 1		37 14 N	96 58 W	1160		+
275	148970		P	WINKLER		39 28 N	96 50 W	1070		
276	148988		XNP	WINONA		39 04 N	101 15 W	3323		+
277	149026		P	WOODLAWN 2 W		39 47 N	95 54 W	1220		+
278	149040		P	WORDEN		38 48 N	95 22 W	1100		
279	149080		P	YATES CENTER		37 52 N	95 44 W	1050		+





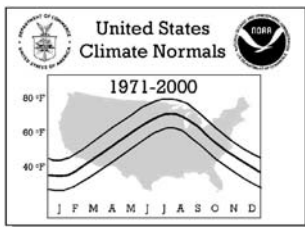
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## Monthly Normals of Temperature, Precipitation, and Heating and Cooling Degree Days 1971-2000

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			TEMPERATURE NORMALS (Degrees Fahrenheit)												
No.	Station Name	Element	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
001	ABILENE 1 W	MAX	40.9	47.7	59.0	69.7	78.3	88.8	94.4	92.5	83.8	71.8	55.1	44.1	68.8
		MEAN	29.7	35.8	46.2	56.5	66.1	76.1	81.5	79.5	70.7	58.7	44.0	33.4	56.5
		MIN	18.5	23.8	33.4	43.3	53.8	63.3	68.5	66.5	57.6	45.5	32.9	22.7	44.2
002	AETNA 2 S	MAX	45.7	52.8	62.0	71.9	79.5	89.2	95.1	94.0	85.5	74.4	57.9	47.8	71.3
		MEAN	32.7	38.6	47.8	57.4	66.4	76.0	81.7	80.3	71.7	59.6	44.8	35.2	57.7
		MIN	19.7	24.4	33.5	42.9	53.2	62.8	68.2	66.5	57.8	44.7	31.7	22.5	44.0
005	ALTON 6 ESE	MAX	39.0	45.9	55.6	66.6	75.4	87.0	93.0	90.5	82.3	70.7	53.2	42.2	66.8
		MEAN	25.8	31.2	40.8	51.6	61.9	72.9	79.0	76.2	67.1	54.6	39.2	29.2	52.5
		MIN	12.5	16.5	26.0	36.5	48.3	58.7	64.9	61.8	51.8	38.4	25.1	16.1	38.1
006	ANTHONY	MAX	41.5	49.0	58.0	67.7	77.4	88.3	93.8	92.4	83.5	71.7	55.7	43.9	68.6
		MEAN	31.0	37.0	45.6	55.6	66.3	76.4	81.7	80.0	71.4	59.1	44.5	33.9	56.9
		MIN	20.4	24.9	33.2	43.4	55.1	64.4	69.5	67.5	59.3	46.5	33.2	23.8	45.1
008	ASHLAND	MAX	44.8	51.4	60.2	70.0	78.5	88.5	94.7	93.2	84.4	73.4	57.9	47.6	70.4
		MEAN	30.2	36.2	45.2	54.8	64.9	74.6	80.1	78.7	69.8	57.1	42.9	33.1	55.6
		MIN	15.6	21.0	30.1	39.6	51.2	60.6	65.4	64.2	55.2	40.8	27.9	18.6	40.9
009	ATCHISON	MAX	35.5	42.4	54.2	65.6	75.5	84.5	89.4	87.6	79.9	68.4	52.0	39.4	64.5
		MEAN	25.7	31.8	42.7	53.9	64.8	73.8	78.7	76.2	68.0	56.9	41.8	30.2	53.7
		MIN	15.9	21.2	31.2	42.2	54.1	63.1	68.0	64.7	56.1	45.3	31.6	20.9	42.9
012	ATWOOD 2 SW	MAX	40.2	46.3	55.3	65.8	75.6	87.5	93.4	90.5	81.4	68.5	51.4	42.5	66.5
		MEAN	25.8	31.0	39.4	49.5	60.3	71.1	77.0	74.2	64.3	50.9	36.2	28.0	50.6
		MIN	11.4	15.6	23.4	33.2	45.0	54.7	60.5	57.9	47.2	33.3	20.9	13.5	34.7
021	BELLEVILLE	MAX	36.5	42.7	53.4	64.3	73.9	84.8	90.1	87.8	79.1	67.1	50.6	39.1	64.1
		MEAN	26.0	31.7	41.8	52.5	62.7	73.0	78.3	76.1	67.1	55.0	39.9	29.2	52.8
		MIN	15.4	20.6	30.1	40.6	51.4	61.1	66.5	64.4	55.0	42.8	29.1	19.2	41.4
022	BELOIT	MAX	38.2	45.0	55.7	66.2	75.5	86.8	92.8	90.5	81.8	69.6	52.4	41.1	66.3
		MEAN	27.3	33.2	43.4	53.8	63.9	74.7	80.6	78.5	69.2	56.7	41.1	30.6	54.4
		MIN	16.3	21.3	31.0	41.3	52.3	62.6	68.3	66.4	56.5	43.7	29.7	20.0	42.5
023	BIG BOW 2 S	MAX	46.3	53.3	62.5	71.1	79.2	89.7	94.3	92.3	84.7	74.4	57.7	48.6	71.2
		MEAN	31.4	37.6	46.1	54.4	64.5	74.5	79.1	77.5	69.3	57.5	42.6	34.0	55.7
		MIN	16.5	21.8	29.6	37.7	49.7	59.2	63.8	62.6	53.9	40.6	27.4	19.4	40.2
025	BISON 3 NW	MAX	40.9	47.3	56.7	66.9	76.3	87.4	93.8	91.7	83.2	71.7	54.8	44.2	67.9
		MEAN	28.0	33.3	42.4	52.4	63.1	73.8	79.6	77.5	68.6	56.3	41.1	31.6	54.0
		MIN	15.1	19.3	28.1	37.9	49.8	60.2	65.4	63.2	53.9	40.8	27.3	18.9	40.0
030	BREWSTER 4 W	MAX	39.4	45.7	54.3	64.4	73.9	86.1	91.6	88.8	80.4	67.7	50.4	41.3	65.3
		MEAN	25.8	31.0	38.6	48.3	58.6	70.0	75.4	73.1	64.0	51.1	36.3	27.6	50.0
		MIN	12.2	16.3	22.9	32.1	43.2	53.9	59.2	57.3	47.5	34.4	22.2	13.9	34.6
038	CASSODAY	MAX	38.5	45.3	55.4	65.6	74.2	83.5	89.8	88.6	80.4	69.0	53.9	41.8	65.5
		MEAN	26.7	32.7	42.4	53.2	63.2	72.7	78.4	76.6	68.1	56.2	42.0	30.8	53.6
		MIN	14.9	20.0	29.3	40.8	52.2	61.8	66.9	64.5	55.8	43.3	30.1	19.7	41.6
041	CEDAR BLUFF DAM 4 NNE	MAX	42.1	48.1	56.8	67.1	75.9	86.9	92.8	90.5	82.7	71.6	55.0	45.1	67.9
		MEAN	28.1	33.4	41.8	51.8	62.2	72.8	78.6	76.4	67.8	55.7	40.6	31.7	53.4
		MIN	14.0	18.6	26.7	36.5	48.4	58.6	64.4	62.3	52.8	39.7	26.1	18.2	38.9
043	CENTRALIA	MAX	35.6	42.3	53.8	65.2	74.6	83.9	88.8	87.3	79.3	68.0	50.9	39.0	64.1
		MEAN	25.3	31.4	42.1	53.0	62.8	72.2	77.0	75.3	67.0	55.5	40.4	29.1	52.6
		MIN	15.0	20.4	30.4	40.7	51.0	60.5	65.2	63.3	54.6	42.9	29.9	19.2	41.1
045	CHANUTE JOHNSON AP	MAX	40.5	47.2	57.8	67.9	75.8	84.7	90.5	89.3	81.0	70.0	55.3	44.0	67.0
		MEAN	30.8	36.6	46.6	56.4	65.3	74.3	79.5	78.0	69.7	58.4	45.1	34.5	56.3
		MIN	21.0	26.0	35.4	44.9	54.8	63.8	68.5	66.7	58.4	46.8	34.8	25.0	45.5
048	CIMARRON 4 S	MAX	42.7	49.1	57.8	67.3	75.4	86.5	92.1	90.1	82.5	71.1	55.3	45.6	68.0
		MEAN	29.1	34.6	42.9	52.4	62.0	72.9	78.1	76.3	68.0	55.7	40.9	31.9	53.7
		MIN	15.4	20.0	28.0	37.5	48.5	59.2	64.0	62.4	53.4	40.3	26.5	18.2	39.5
051	CLAY CENTER	MAX	38.8	45.9	57.3	68.6	77.5	87.4	92.6	91.0	82.6	70.8	53.4	41.7	67.3
		MEAN	28.6	34.6	45.1	56.0	65.7	75.5	80.8	79.2	70.4	58.5	43.2	32.1	55.8
		MIN	18.3	23.3	32.9	43.4	53.8	63.6	69.0	67.3	58.2	46.1	32.9	22.4	44.3
053	CLINTON LAKE	MAX	36.1	42.3	53.7	64.3	73.5	82.6	88.2	87.0	79.3	67.8	52.0	39.8	63.9
		MEAN	26.0	31.8	42.6	53.3	63.2	72.5	78.0	76.2	67.8	55.9	42.1	30.2	53.3
		MIN	15.8	21.3	31.5	42.3	52.8	62.4	67.8	65.4	56.2	43.9	32.1	20.5	42.7
054	COLBY 1 SW	MAX	39.2	44.9	53.0	63.0	72.1	84.3	90.0	87.8	79.4	67.5	50.8	41.9	64.5
		MEAN	25.8	30.7	38.6	48.2	58.4	69.6	75.3	73.2	64.1	51.5	37.2	28.5	50.1
		MIN	12.3	16.5	24.1	33.4	44.7	54.9	60.6	58.6	48.8	35.4	23.6	15.1	35.7
055	COLDWATER	MAX	44.9	52.3	61.2	70.6	78.5	88.0	93.8	92.4	84.2	73.2	57.7	47.4	70.4
		MEAN	32.9	39.1	47.7	57.0	66.0	75.5	80.8	79.4	71.1	59.8	45.3	35.6	57.5
		MIN	20.8	25.9	34.1	43.4	53.4	62.9	67.8	66.3	58.0	46.3	32.9	23.8	44.6
057	COLUMBUS 1 SW	MAX	40.6	47.5	57.3	67.1	75.3	84.0	89.7	89.1	80.7	70.4	55.7	44.7	66.8
		MEAN	31.0	37.0	46.2	55.6	65.0	73.9	79.1	77.8	69.5	58.7	45.6	35.3	56.2
		MIN	21.4	26.4	35.0	44.0	54.7	63.7	68.5	66.4	58.3	46.9	35.5	25.8	45.6
058	CONCORDIA BLOSSER AP	MAX	36.3	42.9	53.9	64.4	74.0	85.0	90.7	88.4	79.9	67.9	51.0	39.6	64.5
		MEAN	26.6	32.4	42.5	52.8	63.0	73.4	79.1	77.0	68.0	56.0	40.8	30.2	53.5
		MIN	16.9	21.9	31.1	41.2	51.9	61.8	67.4	65.6	56.1	44.0	30.5	20.8	42.4



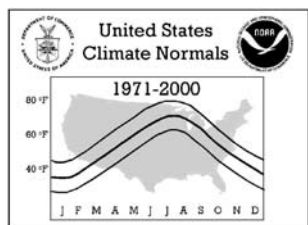
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## Monthly Normals of Temperature, Precipitation, and Heating and Cooling Degree Days 1971-2000

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			TEMPERATURE NORMALS (Degrees Fahrenheit)												
No.	Station Name	Element	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
060	COTTONWOOD FALLS	MAX	39.1	45.9	55.8	65.7	75.0	84.2	90.3	89.4	81.1	70.0	54.5	42.6	66.1
		MEAN	27.6	33.6	43.1	53.6	64.1	73.4	79.0	77.3	68.6	56.8	42.6	31.7	54.3
		MIN	16.1	21.3	30.4	41.5	53.2	62.6	67.6	65.1	56.1	43.5	30.7	20.7	42.4
061	COUNCIL GROVE LAKE	MAX	36.9	43.5	54.9	65.6	74.9	84.5	90.6	89.3	80.8	69.2	53.3	41.0	65.4
		MEAN	26.2	32.2	43.1	53.9	63.7	73.1	78.8	77.1	68.1	56.1	42.1	30.6	53.8
		MIN	15.5	20.8	31.2	42.1	52.5	61.7	66.9	64.8	55.3	42.9	30.8	20.1	42.1
066	DODGE CITY RGNL AP	MAX	41.4	48.3	57.3	67.1	75.9	86.9	92.8	90.8	82.0	70.4	54.5	44.4	67.7
		MEAN	30.1	36.0	44.3	53.9	63.8	74.3	79.8	78.2	69.3	57.1	42.4	33.1	55.2
		MIN	18.7	23.6	31.2	40.7	51.7	61.6	66.8	65.6	56.5	43.8	30.2	21.7	42.7
070	EL DORADO	MAX	40.8	47.8	57.6	67.5	76.3	85.1	90.9	89.6	81.7	70.8	55.4	43.8	67.3
		MEAN	29.3	35.3	44.8	55.1	65.3	74.3	79.7	77.9	69.7	58.0	43.9	32.9	55.5
		MIN	17.7	22.7	31.9	42.7	54.2	63.4	68.4	66.1	57.6	45.1	32.3	22.0	43.7
072	ELKHART	MAX	45.1	50.6	58.6	68.1	77.8	88.9	93.4	90.9	82.3	71.6	56.3	46.9	69.2
		MEAN	31.7	36.4	44.3	53.5	63.4	73.9	78.8	76.8	68.2	56.4	42.6	33.8	55.0
		MIN	18.3	22.2	29.9	38.9	49.0	58.9	64.2	62.7	54.0	41.1	28.9	20.6	40.7
074	ELLSWORTH	MAX	38.8	45.9	55.5	65.7	74.9	85.7	91.5	89.1	80.9	69.7	53.4	42.1	66.1
		MEAN	26.0	32.0	41.7	52.1	63.0	73.4	79.1	76.6	67.6	55.3	40.1	29.7	53.1
		MIN	13.2	18.1	27.9	38.5	51.0	61.1	66.7	64.0	54.3	40.8	26.8	17.3	40.0
078	EMPORIA 3 NW	MAX	37.6	44.7	55.5	65.6	74.8	84.2	89.7	88.6	80.5	69.3	53.7	41.6	65.5
		MEAN	27.5	33.5	43.4	53.8	64.0	73.5	78.7	77.1	68.6	57.1	43.1	32.1	54.4
		MIN	17.3	22.2	31.3	42.0	53.2	62.8	67.6	65.6	56.6	44.8	32.5	22.5	43.2
081	ESKRIDGE	MAX	35.8	42.8	53.7	63.9	73.3	82.6	88.6	87.1	79.2	67.8	51.7	39.8	63.9
		MEAN	25.8	31.8	41.9	52.4	62.9	72.1	77.4	75.5	67.2	55.7	41.1	29.9	52.8
		MIN	15.7	20.8	30.1	40.8	52.5	61.6	66.2	63.9	55.1	43.6	30.4	20.0	41.7
082	EUREKA	MAX	40.3	47.5	58.1	67.9	76.6	85.4	91.6	90.1	82.0	70.8	55.6	43.9	67.5
		MEAN	29.1	35.0	44.9	55.3	65.4	74.4	80.2	78.2	69.8	57.9	44.0	33.2	55.6
		MIN	17.9	22.5	31.7	42.6	54.2	63.4	68.7	66.2	57.6	44.9	32.3	22.4	43.7
084	FALL RIVER LAKE	MAX	40.4	46.6	57.3	67.7	75.6	84.1	90.4	89.9	81.7	70.9	56.2	44.6	67.1
		MEAN	29.5	35.1	45.4	55.9	64.9	73.6	79.2	77.9	69.4	57.9	44.8	33.9	55.6
		MIN	18.5	23.6	33.5	44.1	54.2	63.0	67.9	65.8	57.1	44.9	33.4	23.1	44.1
085	FLORENCE	MAX	40.6	47.8	58.6	68.8	77.1	86.3	92.0	90.6	82.1	71.2	55.2	43.9	67.9
		MEAN	29.8	36.1	46.1	56.3	65.2	74.6	80.0	78.5	69.8	58.5	44.1	33.4	56.0
		MIN	19.0	24.3	33.6	43.7	53.3	62.8	68.0	66.3	57.5	45.8	33.0	22.9	44.2
086	FORT SCOTT	MAX	39.6	46.9	57.3	67.8	77.0	85.8	91.5	90.2	81.9	71.2	55.4	43.8	67.4
		MEAN	29.6	36.0	45.8	55.8	65.8	74.7	80.0	78.1	69.5	58.6	44.8	34.0	56.1
		MIN	19.6	25.0	34.2	43.8	54.5	63.6	68.5	66.0	57.1	45.9	34.2	24.1	44.7
090	FREDONIA	MAX	41.7	48.7	58.7	68.3	77.0	86.1	91.8	90.8	82.7	71.5	56.6	44.8	68.2
		MEAN	29.8	36.2	45.7	55.7	65.1	74.1	79.3	77.8	69.6	57.8	44.6	33.5	55.8
		MIN	17.8	23.7	32.7	43.0	53.2	62.0	66.8	64.7	56.5	44.0	32.5	22.1	43.3
092	GARDEN CITY 9 ESE	MAX	42.3	49.1	58.0	67.6	76.1	86.9	92.6	90.3	82.3	70.6	54.7	44.9	68.0
		MEAN	29.2	35.1	43.7	53.1	63.0	73.4	78.8	77.0	68.3	55.8	40.9	31.8	54.2
		MIN	16.1	21.0	29.3	38.6	49.9	59.8	64.9	63.6	54.2	40.9	27.1	18.7	40.3
093	GARDEN CITY EXP STN	MAX	42.5	48.6	57.0	66.8	75.5	86.7	92.1	89.8	82.0	71.0	54.9	45.3	67.7
		MEAN	28.6	34.0	42.4	52.0	62.1	72.6	77.8	75.9	67.2	55.0	40.7	31.6	53.3
		MIN	14.7	19.3	27.8	37.2	48.6	58.5	63.4	61.9	52.4	39.0	26.4	17.8	38.9
094	GARNETT 1 E	MAX	41.2	47.7	59.1	69.0	77.4	85.7	91.3	90.4	82.8	72.0	56.3	44.7	68.1
		MEAN	30.6	36.4	46.8	56.6	65.7	74.4	79.8	78.4	70.4	59.3	45.5	34.6	56.5
		MIN	20.0	25.0	34.5	44.1	54.0	63.0	68.2	66.3	58.0	46.6	34.6	24.4	44.9
096	GIRARD	MAX	41.0	47.7	58.1	68.3	76.8	85.7	91.1	90.3	81.5	71.1	56.0	45.1	67.7
		MEAN	31.0	36.8	46.4	56.4	66.1	75.0	80.2	78.6	70.1	59.2	45.6	35.2	56.7
		MIN	20.9	25.8	34.7	44.5	55.4	64.3	69.2	66.8	58.6	47.3	35.1	25.2	45.7
097	GLEN ELDER LAKE	MAX	37.2	43.8	54.3	65.2	74.6	85.8	92.3	90.1	81.9	69.7	52.7	41.1	65.7
		MEAN	25.6	31.2	41.3	52.1	62.2	72.9	79.2	76.9	68.0	55.4	40.5	29.9	52.9
		MIN	13.9	18.5	28.2	38.9	49.8	60.0	66.0	63.7	54.0	41.1	28.2	18.7	40.1
099	GOODLAND RENNER AP	MAX	39.4	45.0	53.2	62.7	71.7	83.6	89.1	86.7	78.0	66.0	49.6	41.3	63.9
		MEAN	27.6	32.4	39.8	48.8	58.7	69.6	75.1	73.2	64.0	51.8	37.4	29.6	50.7
		MIN	15.8	19.7	26.4	34.8	45.7	55.5	61.1	59.6	50.0	37.5	25.2	17.8	37.4
101	GREAT BEND	MAX	41.6	48.7	58.4	69.0	77.7	88.3	93.3	91.2	83.3	72.0	55.0	44.3	68.6
		MEAN	30.2	36.2	45.5	55.8	65.5	75.6	80.6	78.7	70.3	58.6	43.5	33.2	56.1
		MIN	18.8	23.7	32.5	42.6	53.2	62.9	67.9	66.2	57.2	45.2	31.9	22.1	43.7
102	GREENSBURG	MAX	40.0	46.7	56.0	66.3	75.3	85.7	91.6	90.0	81.0	69.5	53.6	43.1	66.6
		MEAN	28.8	34.4	42.9	53.2	63.6	73.8	79.4	77.5	68.5	56.3	41.5	31.9	54.3
		MIN	17.6	22.0	29.8	40.1	51.9	61.8	67.1	65.0	55.9	43.1	29.4	20.6	42.0
109	HAYS 1 S	MAX	39.4	45.7	55.3	66.2	74.7	86.2	92.2	89.9	81.2	69.7	53.1	42.7	66.4
		MEAN	27.0	32.6	42.1	53.1	62.8	73.5	79.1	76.9	67.7	55.2	40.2	30.5	53.4
		MIN	14.6	19.5	28.9	40.0	50.9	60.8	65.9	63.9	54.2	40.7	27.3	18.3	40.4
110	HEALY	MAX	41.2	47.4	56.1	66.2	75.2	87.1	92.6	90.1	81.7	70.0	53.2	44.0	67.1
		MEAN	27.6	33.0	41.2	51.1	61.3	72.7	77.9	76.0	66.7	54.2	39.3	30.6	52.6
		MIN	13.9	18.5	26.3	36.0	47.4	58.2	63.2	61.8	51.6	38.3	25.3	17.1	38.1



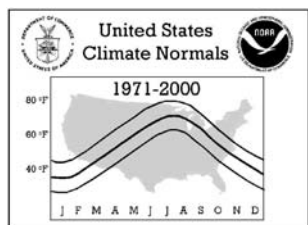
# CLIMATOGRAPHY OF THE UNITED STATES NO. 81

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

### KANSAS

Page 11

No.	Station Name	Element	TEMPERATURE NORMALS (Degrees Fahrenheit)												
			JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
111	HERINGTON	MAX	37.5	44.9	55.0	65.0	74.7	84.7	90.5	88.9	80.4	68.8	52.6	40.9	65.3
		MEAN	26.4	32.9	42.8	53.2	63.4	73.4	78.9	77.2	68.3	56.2	41.6	30.4	53.7
		MIN	15.2	20.9	30.6	41.3	52.0	62.0	67.2	65.5	56.2	43.5	30.6	19.9	42.1
113	HILL CITY 1 E	MAX	40.7	46.4	55.5	65.9	74.6	86.5	92.4	90.4	81.9	70.6	53.5	43.6	66.8
		MEAN	27.1	32.0	40.7	51.1	60.9	72.0	78.0	75.7	66.3	54.0	39.4	30.1	52.3
		MIN	13.4	17.5	25.9	36.2	47.2	57.4	63.6	60.9	50.7	37.3	25.2	16.6	37.7
115	HILLSDALE LAKE	MAX	37.5	43.8	55.8	65.5	74.8	83.4	88.8	87.9	79.8	69.3	53.7	41.8	65.2
		MEAN	27.5	33.4	44.5	54.4	64.3	73.5	78.6	77.2	68.7	57.6	43.4	32.1	54.6
		MIN	17.5	22.9	33.2	43.2	53.8	63.5	68.3	66.4	57.5	45.8	33.0	22.4	44.0
116	HOLTON	MAX	36.0	42.8	53.7	64.5	74.6	83.7	88.9	87.5	79.7	68.1	52.2	39.7	64.3
		MEAN	25.4	31.3	41.6	52.6	63.4	72.9	78.0	76.1	67.6	55.8	41.5	29.8	53.0
		MIN	14.8	19.8	29.5	40.6	52.2	62.0	67.1	64.6	55.5	43.5	30.7	19.8	41.7
117	HORTON	MAX	37.5	44.3	56.0	67.2	76.5	85.8	90.7	89.3	81.5	70.0	52.8	40.6	66.0
		MEAN	26.8	32.8	43.8	54.7	64.5	74.0	78.8	77.1	68.8	57.2	42.3	30.6	54.3
		MIN	16.1	21.3	31.5	42.1	52.4	62.1	66.9	64.8	56.1	44.3	31.7	20.6	42.5
118	HOWARD 5 NE	MAX	41.8	48.6	58.6	68.4	76.6	85.0	91.4	90.8	82.8	71.9	56.5	44.8	68.1
		MEAN	30.0	35.7	45.2	55.5	65.3	74.1	79.8	78.2	70.0	58.5	44.5	33.7	55.9
		MIN	18.2	22.7	31.8	42.5	54.0	63.2	68.1	65.6	57.1	45.0	32.4	22.5	43.6
119	HOXIE	MAX	40.3	46.3	55.1	65.2	74.3	85.6	91.3	89.1	80.9	69.3	51.8	42.3	66.0
		MEAN	27.3	32.2	40.3	50.4	60.9	71.5	77.3	75.2	66.2	53.9	38.5	29.9	52.0
		MIN	14.2	18.0	25.4	35.6	47.4	57.3	63.3	61.2	51.5	38.4	25.2	17.4	37.9
121	HUDSON	MAX	41.4	48.4	58.5	69.1	78.2	89.4	94.5	92.5	83.7	72.0	55.2	44.5	69.0
		MEAN	30.9	36.9	46.3	56.4	66.0	76.4	81.5	79.7	71.1	59.2	44.2	34.2	56.9
		MIN	20.4	25.3	34.0	43.6	53.8	63.4	68.5	66.9	58.5	46.4	33.2	23.9	44.8
122	HUGOTON	MAX	45.2	51.0	59.0	68.5	77.0	87.8	92.7	90.4	82.2	71.7	56.6	47.4	69.1
		MEAN	31.2	36.4	43.9	53.6	63.1	73.8	78.5	76.4	67.8	56.1	42.0	33.5	54.7
		MIN	17.2	21.7	28.7	38.6	49.1	59.7	64.2	62.3	53.3	40.4	27.3	19.5	40.2
124	HUTCHINSON 10 SW	MAX	39.9	46.7	56.3	66.0	75.1	86.8	92.7	91.0	82.3	70.4	54.2	43.0	67.0
		MEAN	28.5	34.5	44.0	53.7	63.7	74.4	79.9	78.2	69.3	56.8	42.4	32.0	54.8
		MIN	17.0	22.2	31.7	41.4	52.3	62.0	67.1	65.4	56.2	43.2	30.6	20.9	42.5
125	INDEPENDENCE	MAX	42.3	48.8	59.1	69.0	76.5	85.3	91.5	91.2	82.6	72.1	57.5	46.0	68.5
		MEAN	31.5	37.1	46.7	56.9	66.1	75.0	80.5	79.1	70.8	59.5	46.1	35.4	57.1
		MIN	20.7	25.4	34.3	44.7	55.7	64.6	69.4	67.0	59.0	46.8	34.6	24.8	45.6
127	IOLA 1 W	MAX	39.8	46.8	57.2	67.4	76.4	84.9	90.5	88.8	81.2	70.8	55.3	43.3	66.9
		MEAN	29.3	35.3	45.1	55.5	65.7	74.6	79.8	77.6	69.5	58.7	44.5	33.4	55.8
		MIN	18.8	23.7	33.0	43.5	55.0	64.3	69.1	66.3	57.8	46.6	33.7	23.5	44.6
130	JETMORE 8 NNW	MAX	40.3	46.1	55.4	65.2	74.7	85.8	91.3	89.5	80.6	70.1	53.1	43.9	66.3
		MEAN	27.5	32.6	41.7	51.0	61.5	72.4	77.8	76.2	67.2	54.8	39.9	31.0	52.8
		MIN	14.6	19.1	27.9	36.8	48.3	58.9	64.3	62.9	53.7	39.5	26.6	18.1	39.2
132	JOHN REDMOND LAKE	MAX	37.8	44.0	55.6	66.1	74.9	83.8	89.3	88.3	80.2	69.2	53.8	41.8	65.4
		MEAN	27.2	33.1	44.0	54.4	64.0	73.1	78.3	76.8	68.3	56.7	43.0	31.8	54.2
		MIN	16.6	22.1	32.3	42.6	53.1	62.4	67.2	65.2	56.3	44.1	32.2	21.8	43.0
135	KANOPOLIS LAKE	MAX	37.9	44.0	54.6	64.9	73.8	84.8	91.0	89.2	80.5	69.0	52.9	41.5	65.3
		MEAN	27.7	32.4	42.3	52.2	62.1	72.7	78.5	76.5	67.7	56.3	41.9	31.8	53.5
		MIN	17.4	20.8	29.9	39.4	50.4	60.5	66.0	63.8	54.9	43.6	30.9	22.0	41.6
136	KINGMAN	MAX	41.5	48.5	57.6	67.7	77.1	88.1	93.8	92.1	83.3	71.5	55.5	44.0	68.4
		MEAN	29.8	35.7	44.6	55.0	65.5	75.8	81.2	79.4	70.3	57.9	43.2	32.8	55.9
		MIN	18.1	22.8	31.5	42.2	53.9	63.5	68.6	66.6	57.3	44.2	30.9	21.6	43.4
137	KINSLEY	MAX	42.5	48.8	57.6	67.5	76.2	87.2	93.1	91.3	83.1	72.1	56.4	46.0	68.5
		MEAN	29.9	35.0	43.8	53.5	63.4	73.9	79.4	77.5	68.8	57.0	42.6	33.0	54.8
		MIN	17.2	21.2	30.0	39.4	50.5	60.5	65.6	63.7	54.5	41.8	28.8	19.9	41.1
138	KIRWIN DAM	MAX	36.6	42.6	52.8	64.4	73.9	85.9	92.1	89.7	80.7	69.0	51.4	40.4	65.0
		MEAN	24.5	29.3	39.2	50.3	60.7	72.0	77.9	75.3	65.5	53.3	38.1	28.5	51.2
		MIN	12.3	15.9	25.5	36.1	47.5	58.0	63.7	60.9	50.3	37.5	24.8	16.5	37.4
140	LAKIN	MAX	42.6	48.8	57.2	67.0	75.8	87.3	92.9	90.5	82.0	70.8	54.7	45.1	67.9
		MEAN	29.3	34.8	42.9	52.5	62.3	73.0	78.4	76.2	67.4	55.3	40.8	31.9	53.7
		MIN	16.0	20.7	28.5	38.0	48.7	58.6	63.8	61.9	52.8	39.7	26.9	18.7	39.5
141	LARNED	MAX	41.1	48.1	57.3	67.6	76.5	87.3	92.7	90.9	82.5	71.0	54.9	44.2	67.8
		MEAN	29.4	35.2	44.0	54.0	64.1	74.5	79.7	77.9	69.3	57.2	42.5	32.7	55.0
		MIN	17.7	22.2	30.6	40.4	51.7	61.6	66.7	64.9	56.1	43.3	30.0	21.1	42.2
142	LAWRENCE	MAX	39.2	45.6	57.2	67.6	76.6	85.3	90.6	89.4	81.3	70.1	54.2	42.4	66.6
		MEAN	29.9	35.8	46.3	56.7	66.1	75.1	80.2	78.7	70.4	59.2	44.9	33.7	56.4
		MIN	20.5	25.9	35.4	45.7	55.6	64.8	69.7	67.9	59.4	48.3	35.6	25.0	46.2
143	LEAVENWORTH	MAX	36.7	43.8	54.5	65.4	75.6	84.6	89.8	87.9	79.9	69.1	53.2	40.7	65.1
		MEAN	26.6	32.6	42.7	53.7	64.9	73.8	79.1	76.6	68.1	56.9	42.4	31.0	54.0
		MIN	16.4	21.4	30.8	41.9	54.1	63.0	68.4	65.2	56.2	44.7	31.5	21.3	42.9
148	LEOTI 1 SE	MAX	41.6	47.2	55.6	65.2	74.3	86.0	91.3	88.6	80.3	69.0	52.7	43.7	66.3
		MEAN	27.7	32.7	40.4	49.5	59.6	70.9	75.9	73.6	64.3	52.1	37.8	29.7	51.2
		MIN	13.7	18.2	25.2	33.7	44.8	55.8	60.4	58.5	48.3	35.1	22.8	15.7	36.0



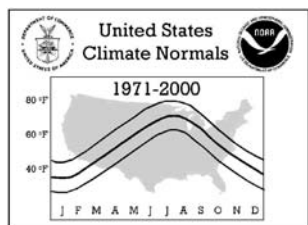
# CLIMATOGRAPHY OF THE UNITED STATES NO. 81

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

### KANSAS

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No.	Station Name	Element	TEMPERATURE NORMALS (Degrees Fahrenheit)												
			JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
150	LIBERAL	MAX	45.7	51.6	59.9	69.6	77.5	88.6	93.6	91.8	83.5	72.6	57.3	47.5	69.9
		MEAN	32.2	37.2	44.8	54.4	63.6	74.4	79.4	77.9	69.6	57.9	43.6	34.6	55.8
		MIN	18.7	22.8	29.6	39.2	49.6	60.2	65.1	63.9	55.7	43.1	29.9	21.6	41.6
152	LINCOLN 1 ESE	MAX	39.2	46.5	56.5	66.7	76.4	88.3	94.5	91.7	83.2	71.3	54.0	42.6	67.6
		MEAN	26.1	32.2	42.0	52.3	63.2	74.2	80.3	77.6	68.5	55.9	40.4	29.9	53.6
		MIN	13.0	17.8	27.5	37.9	49.9	60.1	66.0	63.5	53.8	40.5	26.7	17.2	39.5
159	LOVEWELL DAM	MAX	36.2	42.1	52.8	64.0	73.3	83.9	89.8	87.4	79.6	67.6	50.9	39.5	63.9
		MEAN	24.5	29.6	40.1	51.1	61.3	71.5	77.1	74.7	65.9	53.7	38.9	28.3	51.4
		MIN	12.8	17.1	27.4	38.1	49.3	59.1	64.3	62.0	52.1	39.8	26.9	17.0	38.8
162	MANHATTAN	MAX	39.5	46.8	57.5	67.9	77.5	87.1	92.5	90.8	82.1	70.7	54.5	42.9	67.5
		MEAN	27.8	34.2	44.5	55.1	65.0	74.7	79.9	78.0	68.8	57.0	42.4	31.4	54.9
		MIN	16.1	21.5	31.4	42.2	52.5	62.3	67.3	65.1	55.5	43.2	30.2	19.9	42.3
163	MANKATO	MAX	35.9	42.2	52.8	63.9	73.4	84.8	90.8	88.1	79.5	67.4	50.6	39.1	64.0
		MEAN	24.1	29.5	39.5	50.1	60.7	71.4	77.3	74.6	65.2	53.3	38.2	27.7	51.0
		MIN	12.3	16.7	26.1	36.2	47.9	58.0	63.7	61.1	50.9	39.1	25.7	16.2	37.8
164	MARION LAKE	MAX	37.4	44.1	54.8	65.5	74.6	84.9	91.1	89.7	81.1	69.3	53.3	41.1	65.6
		MEAN	27.0	32.5	43.0	53.5	63.7	73.8	79.2	77.0	67.7	55.8	41.7	31.0	53.8
		MIN	16.5	20.8	31.2	41.4	52.8	62.6	67.3	64.2	54.3	42.3	30.0	20.9	42.0
165	MARYSVILLE	MAX	35.0	41.7	53.2	64.6	74.7	84.8	89.7	88.0	79.8	67.9	51.0	39.1	64.1
		MEAN	24.0	30.0	40.9	52.1	62.5	72.7	77.6	75.7	66.8	54.4	39.8	28.4	52.1
		MIN	13.0	18.3	28.6	39.5	50.3	60.5	65.5	63.4	53.7	40.8	28.6	17.7	40.0
169	MC DONALD	MAX	39.5	45.1	53.1	62.9	72.0	84.0	90.1	87.9	79.5	67.8	50.1	41.9	64.5
		MEAN	27.1	32.0	39.1	48.4	58.3	69.5	75.5	73.4	64.6	52.7	37.5	29.6	50.6
		MIN	14.7	18.9	25.0	33.8	44.5	54.9	60.9	58.8	49.7	37.5	24.9	17.3	36.7
171	MCPHERSON	MAX	39.1	46.4	56.3	66.4	75.5	86.2	92.1	89.9	81.6	70.1	53.8	42.2	66.6
		MEAN	28.2	34.1	43.4	53.5	63.7	74.2	79.8	77.7	69.1	56.9	42.1	31.6	54.5
		MIN	17.2	21.8	30.5	40.5	51.9	62.1	67.4	65.5	56.5	43.7	30.4	20.9	42.4
172	MEADE	MAX	45.0	51.4	59.9	69.6	77.9	88.6	94.2	92.6	84.4	73.3	57.3	47.5	70.1
		MEAN	31.7	36.7	44.5	54.0	63.4	74.2	79.4	78.2	69.6	57.6	43.1	34.2	55.6
		MIN	18.3	21.9	29.1	38.4	48.9	59.7	64.5	63.7	54.7	41.9	28.9	20.9	40.9
173	MEDICINE LODGE	MAX	43.0	50.1	58.8	68.5	77.7	88.1	94.1	92.4	83.6	72.2	56.5	45.6	69.2
		MEAN	30.5	36.1	44.9	54.9	65.6	75.6	80.7	79.1	70.2	57.9	43.5	33.3	56.0
		MIN	17.9	22.1	31.0	41.3	53.4	63.0	67.3	65.7	56.8	43.5	30.5	21.0	42.8
174	MELVERN LAKE	MAX	37.6	44.4	55.2	65.4	74.4	83.6	89.1	88.1	80.3	68.9	53.5	41.6	65.2
		MEAN	27.4	33.4	43.6	54.0	63.8	73.0	78.1	76.5	68.3	56.8	43.3	32.0	54.2
		MIN	17.2	22.4	31.9	42.5	53.1	62.4	67.0	64.9	56.2	44.7	33.0	22.4	43.1
175	MILFORD LAKE	MAX	36.8	43.4	54.3	64.9	74.3	84.0	90.0	88.2	80.3	69.0	52.9	40.8	64.9
		MEAN	25.8	31.7	42.2	53.1	63.1	72.8	78.5	76.6	67.8	55.9	41.7	30.2	53.3
		MIN	14.8	20.0	30.1	41.2	51.8	61.5	66.9	64.9	55.3	42.8	30.4	19.6	41.6
178	MINNEAPOLIS	MAX	39.6	46.7	58.1	69.1	78.2	89.2	94.9	92.9	84.0	71.8	54.3	42.5	68.4
		MEAN	28.9	35.0	45.6	56.2	65.8	76.2	81.7	79.9	70.8	58.7	43.1	32.3	56.2
		MIN	18.1	23.2	33.1	43.2	53.4	63.1	68.4	66.8	57.6	45.5	31.9	22.1	43.9
181	MOUND CITY	MAX	38.8	45.9	56.3	66.5	75.6	84.3	90.1	88.8	80.6	70.1	54.6	43.2	66.2
		MEAN	28.3	34.6	44.5	54.6	64.3	73.5	78.9	77.1	68.6	57.6	43.9	33.0	54.9
		MIN	17.7	23.2	32.7	42.7	53.0	62.6	67.7	65.4	56.5	45.1	33.2	22.7	43.5
182	MOUND VALLEY 3 WSW	MAX	41.8	48.9	58.6	68.1	76.6	85.2	91.5	90.7	81.8	71.6	56.6	45.5	68.1
		MEAN	30.6	36.7	46.4	55.9	65.5	74.4	79.8	78.2	69.7	58.6	45.1	34.8	56.3
		MIN	19.3	24.4	34.2	43.7	54.3	63.6	68.1	65.7	57.5	45.5	33.6	24.0	44.5
186	NESS CITY	MAX	42.0	48.2	56.9	67.1	76.4	87.6	93.1	91.5	83.0	71.9	55.1	45.1	68.2
		MEAN	28.2	33.6	42.2	52.4	62.8	73.6	78.9	77.0	67.8	55.6	40.5	31.4	53.7
		MIN	14.3	19.0	27.5	37.6	49.2	59.5	64.7	62.4	52.5	39.2	25.9	17.7	39.1
187	NEWTON 2 SW	MAX	39.0	46.6	56.4	66.2	75.8	86.8	92.7	90.9	82.0	70.0	53.5	41.9	66.8
		MEAN	29.0	35.5	44.9	54.7	64.8	75.4	80.9	79.3	70.4	58.7	43.5	32.5	55.8
		MIN	19.0	24.3	33.3	43.1	53.8	63.9	69.1	67.6	58.8	47.3	33.4	23.1	44.7
190	NORTON DAM	MAX	38.4	44.0	53.1	64.4	73.0	84.5	90.8	88.7	79.8	67.9	50.8	40.8	64.7
		MEAN	25.5	30.4	39.1	50.1	60.1	70.9	77.0	74.9	65.3	52.9	37.8	28.3	51.0
		MIN	12.5	16.8	25.0	35.8	47.2	57.2	63.1	61.1	50.8	37.8	24.8	15.8	37.3
191	NORTON 9 SSE (HILL CITY	MAX	40.3	46.0	55.2	65.5	74.1	85.6	91.7	89.9	81.9	70.4	53.1	43.2	66.4
		MEAN	27.7	32.7	41.2	51.4	61.4	72.0	78.0	76.2	67.3	55.4	40.1	30.7	52.8
		MIN	15.0	19.4	27.2	37.2	48.6	58.4	64.3	62.4	52.7	40.3	27.0	18.2	39.2
192	NORWICH	MAX	41.0	47.9	57.4	66.9	76.5	87.4	94.0	92.4	83.6	71.6	55.2	43.3	68.1
		MEAN	30.4	36.1	44.9	54.8	65.5	75.7	81.5	79.9	71.3	59.1	44.1	33.4	56.4
		MIN	19.7	24.2	32.3	42.6	54.5	63.9	68.9	67.3	58.9	46.5	33.0	23.4	44.6
193	OAKLEY 4 W	MAX	39.5	45.6	53.9	64.1	73.2	85.7	91.2	88.8	79.7	67.7	50.8	41.8	65.2
		MEAN	27.1	32.1	39.7	49.6	59.6	71.2	76.9	74.7	65.2	52.8	38.0	29.5	51.4
		MIN	14.6	18.6	25.4	35.1	46.0	56.7	62.5	60.5	50.6	37.9	25.2	17.2	37.5
195	OBERLIN	MAX	40.0	46.0	54.7	64.9	74.2	85.8	91.5	89.3	81.0	69.2	51.4	42.5	65.9
		MEAN	26.5	31.6	39.8	50.0	60.6	71.3	77.1	74.9	65.4	52.7	37.5	29.1	51.4
		MIN	13.0	17.2	24.8	35.1	46.9	56.8	62.7	60.4	49.7	36.1	23.6	15.6	36.8



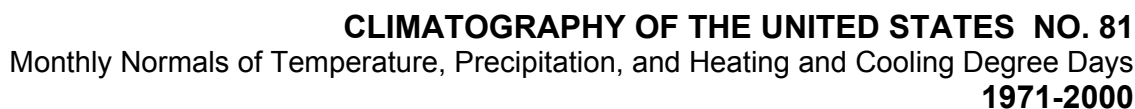
# CLIMATOGRAPHY OF THE UNITED STATES NO. 81

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

### KANSAS

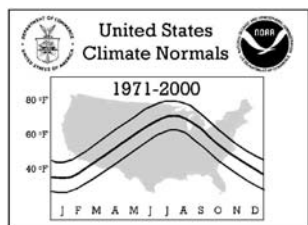
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			TEMPERATURE NORMALS (Degrees Fahrenheit)												
No.	Station Name	Element	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
197	OLATHE 3 E	MAX	38.3	44.8	56.1	66.7	75.6	84.3	89.4	87.8	80.1	69.3	53.8	42.0	65.7
		MEAN	29.1	35.1	45.4	55.8	65.3	74.1	79.0	77.2	69.2	58.3	44.3	33.1	55.5
		MIN	19.9	25.3	34.7	44.8	54.9	63.8	68.5	66.5	58.3	47.3	34.8	24.2	45.3
202	OSKALOOSA 4 NE	MAX	36.1	42.9	54.5	65.6	75.0	83.9	89.0	87.5	79.0	67.8	51.7	39.7	64.4
		MEAN	27.1	33.3	43.9	54.7	64.2	73.2	78.3	76.5	68.0	56.8	42.5	31.0	54.1
		MIN	18.1	23.7	33.2	43.7	53.4	62.5	67.5	65.5	56.9	45.8	33.2	22.3	43.8
204	OTTAWA	MAX	40.1	46.6	58.0	68.5	77.1	85.7	91.1	89.9	82.0	70.9	55.1	43.3	67.4
		MEAN	30.4	36.2	46.7	57.1	66.3	75.3	80.4	78.7	70.4	59.2	45.4	34.3	56.7
		MIN	20.6	25.8	35.4	45.6	55.4	64.8	69.6	67.4	58.8	47.5	35.6	25.2	46.0
208	PAOLA	MAX	39.4	46.1	57.6	68.3	76.7	85.2	90.5	89.2	81.1	70.1	54.5	42.7	66.8
		MEAN	29.7	35.7	46.4	56.5	65.7	74.7	79.7	78.0	69.6	58.3	44.6	33.4	56.0
		MIN	19.9	25.3	35.1	44.7	54.6	64.1	68.9	66.7	58.0	46.4	34.7	24.1	45.2
210	PARSONS 2 NW	MAX	40.2	47.2	57.2	67.1	76.0	85.0	91.1	90.0	81.0	70.5	55.5	44.4	67.1
		MEAN	30.2	36.4	46.0	55.6	65.2	74.2	79.7	78.0	69.5	58.4	45.2	34.6	56.1
		MIN	20.2	25.6	34.8	44.1	54.4	63.4	68.3	66.0	58.0	46.3	34.9	24.8	45.1
212	PERRY LAKE	MAX	36.7	43.2	54.3	65.0	74.4	83.6	89.3	88.1	79.9	68.5	52.9	40.6	64.7
		MEAN	26.4	32.6	43.3	54.1	63.9	73.1	78.4	76.7	68.0	56.2	42.7	30.9	53.9
		MIN	16.1	21.9	32.2	43.1	53.3	62.6	67.5	65.2	56.1	43.9	32.5	21.1	43.0
213	PHILLIPSBURG 1 SSE	MAX	38.3	44.4	54.3	65.2	74.6	86.6	92.6	90.4	81.8	69.7	51.8	41.2	65.9
		MEAN	25.5	30.8	40.9	51.6	62.0	73.2	78.8	76.6	67.1	54.4	38.8	28.7	52.4
		MIN	12.6	17.2	27.4	38.0	49.4	59.8	65.0	62.7	52.4	39.0	25.7	16.2	38.8
215	PLAINVILLE 4 WNW	MAX	38.1	44.6	53.8	64.1	73.0	84.9	90.9	88.8	80.1	68.4	51.9	41.1	65.0
		MEAN	26.3	31.6	40.6	50.8	61.1	72.1	77.9	75.8	66.7	54.4	39.4	29.5	52.2
		MIN	14.5	18.6	27.4	37.4	49.1	59.3	64.9	62.7	53.2	40.3	26.9	17.9	39.4
216	POMONA LAKE	MAX	37.3	43.6	54.9	65.6	74.6	83.7	89.5	88.7	80.3	68.8	53.5	41.3	65.2
		MEAN	27.3	33.0	43.7	54.5	64.3	73.6	78.9	77.4	68.7	57.0	43.2	31.8	54.5
		MIN	17.2	22.3	32.5	43.3	53.9	63.4	68.3	66.0	57.1	45.1	32.9	22.3	43.7
218	PRATT 4 W	MAX	43.6	50.8	60.5	70.1	78.2	88.5	93.9	92.6	84.7	73.4	56.8	46.0	69.9
		MEAN	31.7	37.5	46.6	56.0	65.2	75.1	80.1	78.9	70.7	59.2	44.3	34.3	56.6
		MIN	19.7	24.2	32.7	41.9	52.2	61.7	66.3	65.1	56.6	44.9	31.7	22.6	43.3
219	QUINTER	MAX	38.9	44.5	53.6	64.1	73.2	85.0	90.6	88.2	79.5	67.8	51.1	41.5	64.8
		MEAN	27.3	32.3	40.4	50.6	60.6	71.5	77.2	75.2	66.1	54.0	39.2	30.2	52.1
		MIN	15.6	20.1	27.2	37.1	47.9	58.0	63.7	62.2	52.6	40.1	27.2	18.8	39.2
224	RICHFIELD 1 NE	MAX	44.5	50.6	58.9	68.3	77.2	88.1	93.4	90.6	82.2	71.4	56.0	46.7	69.0
		MEAN	29.9	34.9	42.6	51.6	61.9	72.6	78.1	75.9	67.1	55.0	41.4	32.5	53.6
		MIN	15.2	19.2	26.3	34.8	46.6	57.1	62.7	61.1	51.9	38.5	26.8	18.2	38.2
228	RUSSELL 1 E	MAX	39.5	46.0	55.9	66.1	75.0	86.9	92.5	90.0	81.2	69.3	53.2	42.6	66.5
		MEAN	27.8	33.5	43.1	53.2	63.1	74.1	79.6	77.5	68.4	56.2	41.2	31.2	54.1
		MIN	16.0	21.0	30.2	40.2	51.1	61.2	66.6	65.0	55.6	43.0	29.1	19.7	41.6
229	RUSSELL SPRINGS	MAX	42.5	48.5	57.2	67.0	75.5	87.3	92.7	90.9	82.9	71.4	54.7	45.0	68.0
		MEAN	27.1	32.4	40.4	50.5	60.6	71.9	77.2	75.4	66.1	53.2	38.3	29.4	51.9
		MIN	11.7	16.3	23.5	34.0	45.7	56.5	61.7	59.8	49.2	34.9	21.9	13.7	35.7
231	SAINT FRANCIS	MAX	41.0	47.1	54.8	64.4	73.8	85.7	91.3	89.3	80.9	69.2	52.1	43.5	66.1
		MEAN	27.2	32.4	39.9	49.2	59.6	70.8	76.3	74.2	64.8	52.2	37.7	29.5	51.2
		MIN	13.3	17.7	25.0	34.0	45.3	55.9	61.3	59.0	48.6	35.2	23.3	15.5	36.2
234	SALINA MUNICIPAL AP	MAX	39.1	45.8	56.4	66.7	76.3	87.5	93.3	91.0	81.8	69.9	53.6	42.5	67.0
		MEAN	29.0	34.9	45.0	54.9	64.9	75.6	81.3	79.4	70.1	57.9	43.1	32.6	55.7
		MIN	18.8	23.9	33.6	43.1	53.5	63.6	69.3	67.8	58.4	45.9	32.5	22.7	44.4
236	SCOTT CITY	MAX	41.9	48.0	56.5	66.4	75.1	87.0	91.7	89.6	81.7	70.5	53.6	44.4	67.2
		MEAN	27.7	33.0	40.8	50.5	60.5	72.0	76.9	75.2	66.4	54.1	39.1	30.5	52.2
		MIN	13.5	17.9	25.1	34.5	45.8	57.0	62.1	60.7	51.0	37.6	24.6	16.5	37.2
237	SEDAN	MAX	42.9	49.6	59.3	69.0	76.9	85.4	91.8	91.8	82.8	72.2	57.8	46.5	68.8
		MEAN	31.8	37.6	46.9	56.8	65.9	74.8	80.4	79.3	70.8	59.1	46.2	35.7	57.1
		MIN	20.6	25.5	34.5	44.5	54.8	64.1	68.9	66.8	58.7	46.0	34.6	24.8	45.3
239	SHARON SPRINGS	MAX	40.2	46.2	54.8	65.2	74.3	86.2	91.0	88.7	80.2	68.8	51.2	42.0	65.7
		MEAN	27.3	32.3	40.2	50.3	60.3	71.8	76.7	74.7	65.6	53.1	37.7	29.5	51.6
		MIN	14.4	18.4	25.6	35.4	46.3	57.4	62.4	60.7	50.9	37.3	24.2	17.0	37.5
240	SMITH CENTER	MAX	37.4	44.4	55.0	66.8	75.7	87.1	92.5	90.1	81.6	69.2	50.7	39.8	65.9
		MEAN	26.8	32.8	42.7	53.8	63.6	74.3	79.7	77.6	68.6	56.1	39.9	29.8	53.8
		MIN	16.2	21.2	30.3	40.8	51.5	61.5	66.9	65.0	55.6	43.0	29.1	19.8	41.7
241	STERLING	MAX	40.4	47.2	56.9	67.1	76.4	87.4	92.7	90.9	82.0	70.2	54.4	43.4	67.4
		MEAN	29.3	35.0	44.3	54.2	64.5	75.1	80.4	78.6	69.4	57.2	42.6	32.5	55.3
		MIN	18.1	22.7	31.6	41.2	52.5	62.7	68.0	66.3	56.8	44.2	30.8	21.5	43.0
245	SUBLETTE	MAX	42.9	49.3	57.8	66.8	75.0	86.2	91.0	89.0	81.2	70.4	54.5	44.8	67.4
		MEAN	29.5	34.8	42.8	52.0	61.7	72.8	77.3	75.8	67.5	55.5	41.0	32.0	53.6
		MIN	16.1	20.3	27.8	37.2	48.4	59.3	63.6	62.6	53.8	40.6	27.4	19.1	39.7
246	SYRACUSE	MAX	44.0	50.6	59.0	68.2	76.6	88.3	93.2	91.3	83.4	72.3	56.1	46.3	69.1
		MEAN	28.4	34.4	42.7	51.9	61.8	72.9	78.1	76.3	67.3	54.7	40.0	30.8	53.3
		MIN	12.8	18.2	26.4	35.6	47.0	57.5	62.9	61.3	51.1	37.1	23.9	15.3	37.4



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				TEMPERATURE NORMALS (Degrees Fahrenheit)												
No.	Station Name	Element		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
250	TOPEKA BILLARD MNCPL AP	MAX		37.2	43.8	55.5	66.1	75.3	84.5	89.1	87.9	80.3	68.9	53.1	40.9	65.2
		MEAN		27.2	33.4	44.2	54.5	64.4	73.9	78.4	76.7	68.1	56.6	42.6	31.4	54.3
		MIN		17.2	23.0	32.9	42.9	53.4	63.2	67.7	65.4	55.9	44.3	32.1	21.8	43.3
251	TORONTO LAKE	MAX		39.3	45.8	56.5	66.9	75.1	84.0	90.0	89.3	81.2	69.7	54.6	43.0	66.3
		MEAN		29.3	35.0	45.7	56.0	64.9	74.1	79.4	78.1	69.7	57.7	44.7	33.5	55.7
		MIN		19.3	24.2	34.8	45.1	54.7	64.1	68.8	66.9	58.1	45.7	34.7	24.0	45.0
252	TRIBUNE 1 W	MAX		42.2	48.5	56.2	65.7	74.5	86.4	92.1	89.9	81.9	70.0	53.3	44.4	67.1
		MEAN		27.5	32.8	40.2	49.4	59.3	70.7	76.0	74.2	65.2	52.6	38.2	29.8	51.3
		MIN		12.8	17.1	24.2	33.0	44.1	54.9	59.8	58.4	48.4	35.1	23.1	15.1	35.5
254	TROY 3 N	MAX		33.4	40.5	52.0	63.2	73.7	82.6	87.0	85.3	78.2	66.9	50.2	37.2	62.5
		MEAN		24.0	30.1	40.6	51.7	63.1	72.1	76.5	74.1	66.4	55.0	40.2	28.4	51.9
		MIN		14.5	19.7	29.2	40.2	52.5	61.6	66.0	62.9	54.5	43.0	30.2	19.6	41.2
255	TUTTLE CREEK LAKE	MAX		36.5	42.9	54.3	65.1	74.5	84.2	89.9	88.6	80.2	68.7	52.5	40.4	64.8
		MEAN		25.3	31.1	42.1	52.8	62.7	72.5	78.1	76.2	67.1	54.9	40.8	29.5	52.8
		MIN		14.1	19.2	29.9	40.5	50.8	60.8	66.2	63.7	54.0	41.1	29.1	18.5	40.7
256	ULYSSES	MAX		44.8	50.8	59.1	68.8	77.4	88.2	93.6	91.2	83.2	72.6	56.3	46.9	69.4
		MEAN		30.4	36.0	43.6	52.8	62.8	73.8	78.9	77.1	68.3	56.4	41.6	32.7	54.5
		MIN		15.9	21.1	28.0	36.7	48.1	59.3	64.2	62.9	53.3	40.1	26.9	18.5	39.6
260	WAKEENEY	MAX		39.9	45.7	54.9	65.6	75.0	86.8	92.9	90.7	81.7	69.8	52.7	42.5	66.5
		MEAN		28.0	33.3	42.0	52.3	62.5	73.5	79.2	77.0	67.5	55.2	40.3	30.9	53.5
		MIN		16.1	20.8	29.1	39.0	50.0	60.2	65.4	63.2	53.3	40.6	27.8	19.3	40.4
264	WAMEGO	MAX		39.1	46.1	57.7	68.6	77.3	85.9	90.8	89.6	81.8	70.7	54.4	42.5	67.0
		MEAN		28.7	34.8	45.5	56.0	65.5	74.7	79.6	78.1	69.8	58.4	43.8	32.6	55.6
		MIN		18.3	23.5	33.2	43.3	53.7	63.5	68.4	66.6	57.7	46.0	33.2	22.7	44.2
265	WASHINGTON	MAX		38.0	45.1	56.6	68.1	77.4	87.4	92.1	89.9	81.9	70.4	52.7	41.1	66.7
		MEAN		27.2	33.3	44.1	55.0	65.1	74.9	79.8	77.6	69.0	57.2	41.7	30.9	54.7
		MIN		16.4	21.5	31.5	41.9	52.7	62.4	67.4	65.3	56.0	44.0	30.7	20.7	42.5
267	WEBSTER DAM	MAX		40.0	45.6	55.6	66.4	75.3	86.8	92.9	90.7	82.0	70.0	53.1	42.8	66.8
		MEAN		26.7	31.6	41.2	51.7	61.8	72.6	78.4	76.1	66.7	54.3	39.3	30.2	52.6
		MIN		13.4	17.5	26.8	37.0	48.2	58.3	63.9	61.5	51.4	38.6	25.5	17.5	38.3
268	WELLINGTON	MAX		41.5	48.1	58.4	68.1	77.0	87.7	94.0	93.1	83.8	71.9	56.2	44.9	68.7
		MEAN		30.6	36.2	46.4	56.0	66.1	76.3	81.9	80.7	71.5	59.2	45.0	34.4	57.0
		MIN		19.7	24.2	34.4	43.8	55.1	64.8	69.8	68.2	59.1	46.4	33.8	23.8	45.3
270	WICHITA MID-CONTINENT A	MAX		40.1	47.2	57.3	66.9	76.0	87.1	92.9	91.6	82.2	70.2	54.5	43.1	67.4
		MEAN		30.2	36.3	45.9	55.3	65.0	75.5	81.0	79.8	70.8	58.6	44.2	33.6	56.4
		MIN		20.3	25.3	34.4	43.7	54.0	63.9	69.1	67.9	59.3	46.9	33.9	24.0	45.2
272	WILMORE 16 SE	MAX		43.8	50.5	60.3	70.8	79.9	90.3	95.9	94.2	85.3	72.9	57.1	46.5	70.6
		MEAN		29.7	35.3	44.6	54.9	65.0	75.1	80.5	78.7	69.8	56.6	42.3	32.4	55.4
		MIN		15.5	20.0	28.8	38.9	50.1	59.9	65.1	63.1	54.3	40.3	27.5	18.3	40.2
273	WILSON LAKE	MAX		38.8	45.1	54.8	65.6	74.9	86.1	92.4	90.0	81.6	69.9	53.7	42.3	66.3
		MEAN		27.8	33.0	42.3	52.9	63.2	73.8	79.8	77.5	68.6	56.6	42.1	31.7	54.1
		MIN		16.8	20.9	29.7	40.1	51.4	61.5	67.1	65.0	55.5	43.2	30.5	21.1	41.9
274	WINFIELD NO. 1	MAX		41.9	49.1	58.7	68.3	77.3	86.6	92.8	91.8	83.2	71.9	56.5	45.2	68.6
		MEAN		30.6	36.6	45.9	55.4	65.4	74.8	80.5	79.1	70.6	58.9	44.8	34.3	56.4
		MIN		19.2	24.1	33.0	42.5	53.4	62.9	68.2	66.3	57.9	45.8	33.1	23.4	44.2
276	WINONA	MAX		40.8	46.8	54.8	64.5	73.5	85.0	90.8	88.9	80.4	68.7	52.0	43.1	65.8
		MEAN		27.8	32.9	40.1	49.6	59.6	70.6	76.5	74.9	65.8	53.6	38.7	30.3	51.7
		MIN		14.8	18.9	25.4	34.7	45.7	56.2	62.1	60.9	51.1	38.4	25.4	17.4	37.6



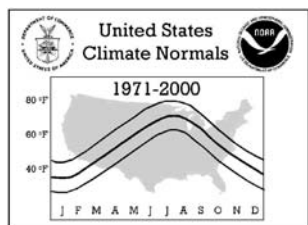
# CLIMATOGRAPHY OF THE UNITED STATES NO. 81

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

### KANSAS

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No.	Station Name	PRECIPITATION NORMALS (Total in Inches)												
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
001	ABILENE 1 W	.82	1.09	2.55	2.80	4.73	4.35	4.31	3.88	2.54	2.64	1.99	1.04	32.74
002	AETNA 2 S	.44	.72	1.81	2.37	3.64	3.54	3.09	2.18	2.12	1.94	1.37	.87	24.09
003	ALEXANDER	.63	.68	2.06	2.07	3.37	3.25	3.65	2.66	1.64	1.28	1.08	.75	23.12
004	ALTA VISTA	.91	1.08	2.80	3.56	5.43	5.20	4.37	3.93	3.55	2.85	2.53	1.33	37.54
005	ALTON 6 ESE	.60	.80	2.21	2.58	4.02	3.20	3.91	3.12	2.30	1.63	1.60	.76	26.73
006	ANTHONY	1.01	1.01	2.97	3.16	4.38	4.37	3.54	2.53	2.93	2.36	2.18	1.23	31.67
007	ARKANSAS CITY	1.03	1.46	3.00	3.55	5.10	4.54	3.36	3.75	3.52	3.08	2.85	1.47	36.71
008	ASHLAND	.52	.64	1.81	1.89	3.64	3.59	2.95	2.48	2.22	1.63	1.08	.73	23.18
009	ATCHISON	.98	1.07	2.42	3.27	4.99	4.65	4.65	4.01	4.46	3.16	2.45	1.45	37.56
010	ATLANTA	1.02	1.38	2.82	3.04	4.79	4.80	3.00	3.45	3.32	2.74	2.61	1.40	34.33
011	ATTICA 6 WNW	.72	1.07	2.39	2.56	4.65	4.22	2.28	3.16	2.85	2.23	1.89	.96	28.98
012	ATWOOD 2 SW	.60	.66	1.70	2.17	3.74	3.21	3.50	2.78	1.59	1.30	1.01	.49	22.75
013	ATWOOD 8 SSE	.36	.50	1.33	2.07	3.69	3.19	3.21	2.49	1.31	1.24	.82	.45	20.66
014	AUBURN 1 N	.96	1.04	2.64	3.26	5.62	4.92	3.64	3.32	3.99	2.83	2.49	1.42	36.13
015	AUGUSTA	1.05	1.60	2.94	3.04	4.83	5.31	4.06	3.82	3.38	2.77	2.71	1.46	36.97
016	AXTELL	.69	.96	2.54	2.96	4.55	4.15	4.41	3.70	3.46	2.43	2.01	1.07	32.93
017	BARNARD	.69	.77	2.21	2.39	4.11	3.46	4.32	3.25	2.26	2.16	1.54	.86	28.02
018	BAZINE 13 SSW	.49	.57	1.73	1.73	3.37	2.54	3.31	2.17	1.43	1.05	.82	.59	19.80
019	BELLAIRE 8 N	.58	.55	2.10	2.11	4.38	3.27	3.55	3.15	2.39	1.56	1.19	.66	25.49
020	BELLEFONT 3 S	.52	.52	1.78	2.10	3.29	2.55	3.34	2.78	1.54	1.38	.84	.58	21.22
021	BELLEVILLE	.70	.77	2.44	2.76	4.40	4.22	4.19	3.81	2.93	2.13	1.58	.96	30.89
022	BELOIT	.71	.72	2.26	2.42	4.07	3.77	3.87	2.95	2.40	2.02	1.47	.87	27.53
023	BIG BOW 2 S	.25	.35	.73	1.24	2.74	1.98	2.29	1.79	1.31	1.08	.62	.22	14.60
024	BIRD CITY 10 S	.37	.37	.97	1.57	3.28	2.95	3.06	2.32	.94	1.12	.71	.32	17.98
025	BISON 3 NW	.66	.83	2.09	2.27	3.65	3.35	3.40	2.55	1.88	1.42	1.22	.76	24.08
026	BLAINE 4 E	.75	.96	2.45	2.91	5.11	4.94	4.65	4.06	3.39	2.71	1.90	1.02	34.85
027	BLUE RAPIDS	.73	.85	2.26	2.83	4.62	4.11	4.89	3.89	3.51	2.41	1.82	.96	32.88
028	BONNER SPRINGS	1.23	1.19	2.49	3.36	4.87	4.92	4.17	3.82	5.01	3.45	2.63	1.56	38.70
029	BREMEN 1 E	.79	.79	2.44	2.86	4.52	3.96	4.27	3.92	3.35	2.27	1.66	1.00	31.83
030	BREWSTER 4 W	.33	.44	1.38	1.52	3.58	3.43	3.25	2.42	1.15	1.27	.85	.30	19.92
031	BROOKVILLE	.73	1.10	2.42	2.54	4.85	3.94	4.03	3.28	2.79	2.20	1.64	.96	30.48
032	BUCKLIN	.48	.62	1.89	2.28	3.97	3.88	3.46	3.10	2.04	1.81	1.09	.73	25.35
033	BURDETT 1 NW	.61	.70	1.79	1.94	3.50	3.12	3.54	2.64	1.82	1.60	1.26	.70	23.22
034	BURNS	.81	.99	2.87	2.89	4.46	4.85	3.22	3.69	3.46	2.74	2.05	1.14	33.17
035	BUSHONG 5 W	.95	1.04	2.79	3.20	5.37	4.18	4.36	3.82	3.59	2.77	2.43	1.27	35.77
036	CALDWELL	1.19	1.39	3.02	3.30	4.51	4.05	3.16	3.20	3.06	2.71	2.41	1.35	33.35
037	CAMBRIDGE	.74	1.26	2.79	2.93	4.98	4.81	3.36	3.27	3.58	2.95	2.74	1.53	34.94
038	CASSODAY	.80	1.03	2.44	3.21	4.37	4.89	3.51	3.46	3.21	2.50	2.26	1.11	32.79
039	CATHARINE 1 NW	.57	.66	1.78	2.30	2.95	2.23	4.08	2.95	1.64	1.43	1.01	.61	22.21
040	CAWKER CITY	.74	.81	2.12	2.39	3.74	3.81	3.94	2.80	2.29	1.65	1.60	.87	26.76
041	CEDAR BLUFF DAM 4 NNE	.50	.60	1.88	2.03	3.15	3.00	3.42	2.97	1.69	1.25	1.16	.59	22.24
042	CEDAR VALE 5 SSE	1.08	1.45	2.93	3.07	4.67	4.05	3.34	3.21	3.84	3.60	2.99	1.68	35.91
043	CENTRALIA	.87	1.02	2.58	3.20	4.64	4.62	4.71	3.76	3.99	2.64	2.15	1.06	35.24
044	CHALK	.74	.79	2.44	3.00	5.01	4.65	3.75	3.72	3.16	2.44	2.12	1.16	32.98
045	CHANUTE JOHNSON AP	1.28	1.90	3.47	3.83	5.29	5.05	4.24	3.96	3.95	4.03	3.06	1.89	41.95
046	CHAPMAN	.78	1.00	2.54	2.88	4.65	4.58	4.48	3.30	2.98	2.74	1.89	1.15	32.97
047	CHASE 3 SE	.72	.94	2.34	2.43	3.95	3.80	3.90	2.81	2.16	2.02	1.29	.92	27.28
048	CIMARRON 4 S	.61	.66	1.81	2.01	3.47	3.71	3.42	2.78	1.54	1.41	1.06	.57	23.05
049	CIRCLEVILLE 7 SW	.78	.98	2.44	3.31	4.98	5.34	3.73	3.94	3.95	2.94	2.34	1.13	35.86
050	CLAFLIN	.61	.84	2.45	2.35	4.32	3.54	3.48	3.11	1.79	2.16	1.29	.84	26.78
051	CLAY CENTER	.80	.90	2.39	2.72	4.82	3.82	3.98	3.53	3.26	2.27	1.72	.99	31.20
052	CLIFTON	.59	.74	2.16	2.37	4.27	4.14	4.66	3.43	2.94	2.01	1.65	.88	29.84
053	CLINTON LAKE	.82	.95	2.31	3.64	5.05	5.45	3.59	3.80	4.46	3.25	2.47	1.28	37.07
054	COLBY 1 SW	.40	.46	1.20	1.93	3.60	2.96	3.95	2.47	1.39	1.24	.81	.36	20.77
055	COLDWATER	.70	.88	2.00	2.05	3.82	3.92	3.19	3.05	2.26	2.00	1.36	.90	26.13
056	COLLYER 10 S	.49	.51	1.61	1.83	3.32	2.58	3.35	2.81	1.68	1.13	1.10	.47	20.88
057	COLUMBUS 1 SW	1.58	2.00	3.43	4.14	5.69	4.99	3.71	3.90	4.70	3.89	4.08	2.36	44.47
058	CONCORDIA BLOSSER AP	.66	.73	2.35	2.45	4.20	3.95	4.20	3.24	2.50	1.84	1.45	.86	28.43
059	CONWAY SPRINGS	.91	1.26	3.04	2.95	4.22	4.42	3.57	2.99	2.65	2.34	2.13	1.14	31.62
060	COTTONWOOD FALLS	.97	1.06	2.82	3.01	4.90	4.82	4.40	3.96	3.42	2.63	2.60	1.32	35.91
061	COUNCIL GROVE LAKE	.83	.98	2.63	3.20	4.92	4.25	4.15	3.63	3.10	2.38	2.23	1.20	33.50
062	COVERT	.68	.77	2.44	2.56	3.74	2.92	3.83	2.99	2.28	1.63	1.56	.79	26.19
063	DAMAR	.65	.78	2.04	2.30	3.66	2.77	3.68	2.69	1.81	1.37	1.37	.60	23.72
064	DENSMORE	.41	.59	1.66	2.17	3.76	2.47	3.37	2.60	1.58	1.29	1.07	.48	21.45
065	DIAMOND SPRINGS	.85	.98	2.46	3.01	4.74	4.73	3.91	3.37	3.09	2.37	2.24	1.18	32.93
066	DODGE CITY RGNL AP	.62	.66	1.84	2.25	3.00	3.15	3.17	2.73	1.70	1.45	1.01	.77	22.35
067	DRESDEN	.52	.57	1.63	2.10	3.63	3.12	3.59	2.76	1.57	1.14	1.13	.47	22.23
068	DUNLAP 2 N	.98	1.11	2.78	3.09	5.21	4.59	4.47	3.78	3.48	2.59	2.43	1.36	35.87
069	EFFINGHAM	.99	1.06	2.41	3.39	4.75	4.54	4.44	3.56	4.64	2.83	2.35	1.41	36.37



# CLIMATOGRAPHY OF THE UNITED STATES NO. 81

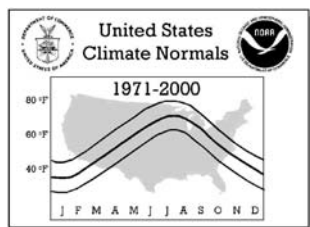
## Monthly Normals of Temperature, Precipitation, and Heating and Cooling Degree Days 1971-2000

### KANSAS

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No.	Station Name	PRECIPITATION NORMALS (Total in Inches)												
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
070	EL DORADO	.93	1.33	2.82	3.02	4.41	5.39	3.94	3.63	3.25	2.96	2.38	1.45	35.51
071	ELGIN	1.35	1.70	3.24	3.58	6.10	4.50	3.67	3.40	4.36	4.03	3.17	1.92	41.02
072	ELKHART	.54	.44	1.38	1.67	2.75	2.50	2.82	2.74	1.69	1.11	.78	.48	18.90
073	ELLIS	.55	.69	2.06	2.24	3.40	2.63	4.04	2.77	1.66	1.48	1.35	.62	23.49
074	ELLSWORTH	.72	.86	2.46	2.49	5.11	3.46	3.58	3.36	2.61	2.31	1.25	.80	29.01
075	ELMDALE 8 WNW	.83	.95	2.72	2.65	5.01	3.76	3.48	3.69	3.45	2.32	2.18	1.12	32.16
076	ELMO 1 SW	1.02	1.09	2.80	2.83	4.90	4.42	4.06	3.58	3.12	2.54	2.06	1.07	33.49
077	EMMETT	.86	1.02	2.51	2.98	4.96	4.77	3.91	3.85	4.11	2.75	2.19	1.21	35.12
078	EMPORIA 3 NW	.95	1.03	2.63	2.98	5.07	4.70	4.16	3.86	3.34	2.76	2.39	1.24	35.11
079	ENTERPRISE	1.19	1.27	3.04	3.16	5.27	5.01	4.43	3.92	2.95	2.74	2.29	1.46	36.73
080	ESBON 7 N	.69	.75	2.37	2.54	4.21	3.09	3.78	3.06	2.26	1.88	1.62	.81	27.06
081	ESKRIDGE	.87	1.06	2.85	3.26	5.28	4.82	3.42	3.96	3.63	2.57	2.44	1.15	35.31
082	EUREKA	1.16	1.55	2.89	3.14	4.69	5.25	3.82	3.99	3.31	3.30	2.96	1.72	37.78
083	FACT	.61	.77	2.16	2.39	4.36	4.18	4.37	3.52	2.87	2.16	1.64	.79	29.82
084	FALL RIVER LAKE	.84	1.34	2.89	3.33	4.69	5.23	3.90	3.72	3.58	3.31	2.68	1.66	37.17
085	FLORENCE	.82	.96	2.52	2.82	4.64	4.49	3.79	3.33	3.24	2.53	2.17	1.07	32.38
086	FORT SCOTT	1.58	1.86	3.34	4.01	4.94	5.71	4.36	3.83	4.69	4.28	3.46	2.08	44.14
087	FOSTORIA 7 NW	.77	.95	2.44	2.98	4.99	4.75	5.03	4.13	3.40	2.84	1.96	1.03	35.27
088	FOWLER 3 NNE	.43	.47	1.49	1.78	3.48	2.98	2.90	2.41	1.63	1.24	.99	.52	20.32
089	FRANKFORT	.83	.95	2.58	3.03	4.71	4.49	4.55	3.75	3.58	2.55	1.90	.94	33.86
090	FREDONIA	1.25	1.64	3.05	3.38	5.24	5.25	4.08	3.82	4.09	3.75	3.21	1.93	40.69
091	GALESBURG	1.49	1.78	3.46	3.88	5.15	4.62	4.03	2.79	4.21	4.02	3.14	1.97	40.54
092	GARDEN CITY 9 ESE	.40	.53	1.62	1.93	3.09	3.14	3.31	2.57	1.34	.94	.88	.45	20.20
093	GARDEN CITY EXP STN	.43	.48	1.36	1.65	3.40	2.87	2.59	2.56	1.25	.92	.85	.41	18.77
094	GARNETT 1 E	1.35	1.52	2.94	3.55	4.83	5.38	3.97	4.09	3.90	3.90	2.73	1.84	40.00
095	GENESEO	.60	.90	2.33	2.20	3.89	4.25	3.50	3.15	2.40	2.03	1.20	.62	27.07
096	GIRARD	1.66	1.96	3.71	3.98	5.62	5.66	4.19	3.66	5.17	4.30	3.71	2.37	45.99
097	GLEN ELDER LAKE	.62	.61	2.06	2.31	3.69	3.66	3.90	2.96	2.38	1.83	1.49	.76	26.27
098	GOFF 3 WSW	.82	1.00	2.82	3.32	4.72	4.19	3.89	3.70	3.73	2.99	1.77	1.03	33.98
099	GOODLAND RENNER AP	.43	.44	1.20	1.51	3.46	3.30	3.54	2.49	1.12	1.05	.82	.40	19.76
100	GOVE 4 W	.35	.45	1.34	1.94	3.86	3.10	4.04	2.72	1.45	1.10	.91	.33	21.59
101	GREAT BEND	.71	.85	2.13	2.29	3.92	3.70	3.42	3.11	2.16	2.14	1.16	.86	26.45
102	GREENSBURG	.59	.73	2.01	2.11	3.52	4.20	3.40	2.74	2.45	1.87	1.12	.75	25.49
103	GRENOLA 1 N	1.03	1.50	2.97	3.36	5.11	5.02	3.37	3.36	3.64	3.21	2.83	1.78	37.18
104	GRIDLEY	1.07	1.29	2.91	3.15	4.88	5.21	3.80	3.96	3.62	3.19	2.83	1.61	37.52
105	HADDAM	.69	.69	2.30	2.65	4.66	4.33	3.82	3.56	2.91	1.97	1.78	.86	30.22
106	HANOVER 4 S	.64	.71	2.20	2.78	4.40	4.08	4.24	3.64	3.15	2.14	1.65	.87	30.50
107	HARLAN	.51	.55	1.91	2.00	3.46	2.98	3.38	2.78	2.09	1.32	1.08	.56	22.62
108	HARVEYVILLE	1.08	1.15	2.75	3.30	5.27	4.69	3.49	3.36	3.64	2.93	2.49	1.29	35.44
109	HAYS 1 S	.52	.65	1.98	2.18	3.15	2.59	3.76	2.93	1.62	1.38	1.22	.65	22.63
110	HEALY	.58	.62	1.60	1.91	3.33	2.80	3.24	2.73	1.69	1.26	1.19	.52	21.47
111	HERINGTON	.99	1.21	2.97	3.30	5.02	4.86	4.00	3.81	3.34	2.78	2.34	1.34	35.96
112	HIAWATHA	.99	1.17	2.48	3.66	4.90	4.15	4.42	3.81	4.41	2.75	2.45	1.26	36.45
113	HILL CITY 1 E	.56	.75	1.87	2.11	3.63	2.45	3.29	2.69	1.70	1.33	1.16	.51	22.05
114	HILLSBORO	.80	1.09	2.66	3.10	4.82	4.43	4.21	3.70	3.12	2.44	2.18	1.12	33.67
115	HILLSDALE LAKE	1.16	1.35	2.40	3.60	5.50	5.53	3.42	4.04	4.11	3.42	3.06	1.51	39.10
116	HOLTON	.97	1.11	2.49	3.43	4.75	4.97	4.30	4.15	4.42	3.25	2.38	1.37	37.59
117	HORTON	.90	1.23	2.49	3.62	4.97	4.68	4.46	3.79	4.34	3.12	2.32	1.37	37.29
118	HOWARD 5 NE	1.01	1.53	2.95	3.34	4.86	5.10	3.79	3.52	3.83	3.35	2.81	1.83	37.92
119	HOXIE	.52	.58	1.55	2.10	3.66	2.59	3.41	2.85	1.44	1.14	1.07	.46	21.37
120	HOYT	1.04	1.12	2.71	3.11	5.50	4.98	4.05	3.89	4.17	3.01	2.45	1.41	37.44
121	HUDSON	.72	.85	2.33	2.39	4.07	3.44	3.17	2.62	2.26	2.02	1.25	.91	26.03
122	HUGOTON	.42	.38	1.29	1.65	2.99	2.85	2.66	2.06	1.65	1.18	.86	.44	18.43
123	HUNTER	.57	.59	2.16	2.17	3.42	3.16	3.76	3.29	2.27	1.80	1.59	.73	25.51
124	HUTCHINSON 10 SW	.70	1.08	2.70	2.83	4.36	3.97	3.70	2.97	3.02	2.43	1.56	1.00	30.32
125	INDEPENDENCE	1.47	1.88	3.75	3.89	5.86	5.45	3.54	3.65	4.48	4.09	3.26	2.14	43.46
126	INMAN	.78	1.03	2.83	2.71	4.83	4.19	3.91	3.68	2.83	2.49	1.77	.96	32.01
127	IOLA 1 W	1.36	1.54	3.26	3.69	5.18	5.29	4.57	4.00	4.34	3.77	3.11	1.73	41.84
128	IONIA	.63	.65	2.10	2.28	3.95	3.06	3.52	3.04	2.52	1.79	1.44	.74	25.72
129	JEROME 2 S	.48	.51	1.32	1.74	3.51	2.77	3.10	2.12	1.52	1.17	1.08	.43	19.75
130	JETMORE 8 NNW	.67	.74	2.07	1.91	3.25	3.06	3.14	2.30	1.47	1.41	1.13	.71	21.86
131	JEWELL	.61	.90	1.99	2.41	3.89	3.39	4.13	2.93	2.30	1.86	1.40	.85	26.66
132	JOHN REDMOND LAKE	.94	.97	2.53	3.03	4.27	4.96	4.05	3.45	3.75	3.18	2.29	1.49	34.91
133	KALVESTA 1 W	.55	.58	1.73	1.84	3.21	3.35	3.27	2.47	1.35	1.20	.97	.55	21.07
134	KALVESTA 14 W	.51	.50	1.23	1.86	3.72	3.19	2.51	2.60	1.13	1.07	.82	.40	19.54
135	KANOPOLIS LAKE	.56	.83	2.34	2.39	4.24	3.77	3.49	3.39	2.50	2.15	1.46	.78	27.90
136	KINGMAN	.77	1.12	2.83	2.66	4.29	4.03	3.19	3.02	2.94	2.81	1.86	1.07	30.59
137	KINSLEY	.68	.84	2.34	2.46	3.86	3.56	3.65	3.49	1.93	1.88	1.22	.89	26.80
138	KIRWIN DAM	.46	.72	2.11	2.23	4.08	2.87	3.15	2.84	2.25	1.62	1.32	.59	24.24





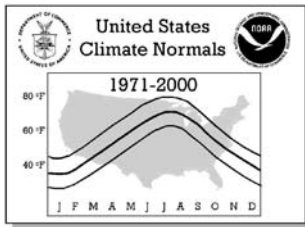
# CLIMATOGRAPHY OF THE UNITED STATES NO. 81

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

### KANSAS

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No.	Station Name	PRECIPITATION NORMALS (Total in Inches)												
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
139	LA CYGNE	1.58	1.60	3.10	3.85	5.07	5.39	3.88	3.27	4.27	3.60	3.06	1.79	40.46
140	LAKIN	.33	.43	1.15	1.50	3.00	2.95	2.68	2.73	1.58	1.00	.83	.40	18.58
141	LARNED	.64	.81	2.02	2.11	3.29	3.54	3.71	2.97	2.00	1.65	1.19	.82	24.75
142	LAWRENCE	1.25	1.19	2.74	3.54	5.30	5.63	4.01	3.81	4.54	3.40	2.57	1.80	39.78
143	LEAVENWORTH	1.07	1.25	2.83	3.70	5.38	5.02	4.73	4.03	4.93	3.72	2.74	1.54	40.94
144	LEBANON	.74	.79	2.46	2.56	4.01	3.33	3.81	3.05	2.38	1.79	1.62	.75	27.29
145	LEBO	1.12	1.22	2.87	3.26	5.32	5.14	4.22	4.14	3.60	3.15	2.87	1.54	38.45
146	LECOMPTON	1.11	1.07	2.76	3.39	5.23	5.36	3.78	3.99	4.45	3.32	2.73	1.68	38.87
147	LENORA	.43	.42	1.66	2.11	3.75	2.81	3.26	2.51	1.74	1.24	1.18	.47	21.58
148	LEOTI 1 SE	.39	.48	1.32	1.46	2.91	2.56	3.00	2.59	1.46	1.08	.84	.35	18.44
149	LE ROY	1.17	1.33	3.07	3.56	4.69	5.62	4.18	4.23	4.09	3.76	2.88	1.79	40.37
150	LIBERAL	.54	.56	1.51	1.57	3.12	2.71	2.92	2.11	1.80	1.44	.91	.54	19.73
151	LILLIS	.78	.92	2.49	3.13	4.89	4.78	4.59	3.76	3.72	2.61	2.01	1.04	34.72
152	LINCOLN 1 ESE	.76	.86	2.45	2.40	4.75	3.21	4.07	3.72	2.41	2.02	1.60	.87	29.12
153	LINDSBORG	.89	1.12	2.76	2.67	4.32	4.24	4.04	3.54	2.90	2.50	1.73	1.05	31.76
154	LOGAN	.45	.54	1.76	2.08	3.75	2.52	3.65	2.68	1.62	1.39	1.09	.47	22.00
155	LONGFORD	.75	.91	2.39	2.26	5.00	3.76	4.12	3.49	2.78	2.42	1.54	.95	30.37
156	LONG ISLAND	.52	.64	2.08	2.24	3.85	3.02	3.42	3.01	2.14	1.43	1.16	.51	24.02
157	LONGTON	1.20	1.62	3.34	3.55	5.40	5.46	4.13	3.40	4.37	3.76	3.13	1.97	41.33
158	LORETTA	.59	.71	2.01	2.29	3.65	3.05	3.72	2.77	2.14	1.27	1.23	.77	24.20
159	LOVEWELL DAM	.64	.69	2.12	2.58	3.92	3.31	3.75	3.25	2.69	1.91	1.51	.77	27.14
160	LYNDON 3 ENE	.95	1.05	2.90	3.67	5.12	4.59	3.33	3.59	4.04	3.13	2.82	1.44	36.63
161	MADISON	1.08	1.29	2.71	2.95	4.66	5.10	4.37	4.34	3.50	3.09	2.91	1.60	37.60
162	MANHATTAN	.86	1.00	2.59	3.07	5.08	5.23	4.10	3.27	3.67	2.77	2.10	1.06	34.80
163	MANKATO	.76	.75	2.24	2.65	4.10	3.29	3.67	3.38	2.63	1.94	1.63	.91	27.95
164	MARION LAKE	.74	.88	2.53	2.99	4.70	4.42	4.01	3.94	3.25	2.55	2.12	1.10	33.23
165	MARYSVILLE	.71	.78	2.48	2.86	4.51	4.79	4.58	3.82	3.26	2.30	1.70	.94	32.73
166	MATFIELD GREEN 2 N	.88	1.10	2.63	2.80	4.12	4.66	3.85	4.10	3.32	2.78	2.42	1.25	33.91
167	MCCRACKEN	.59	.69	2.12	2.09	3.17	3.21	3.58	2.75	1.75	1.38	1.12	.65	23.10
168	MC CUNE 6 SW	1.29	1.78	3.41	3.83	5.20	4.75	3.09	3.54	4.55	4.63	3.60	1.76	41.43
169	MC DONALD	.59	.59	1.54	2.01	3.86	3.56	3.17	2.38	1.39	1.29	.97	.49	21.84
170	MC FARLAND	.83	.98	2.45	3.25	4.99	4.78	4.42	3.83	3.82	2.69	2.21	1.18	35.43
171	MCPHERSON	.74	1.05	2.81	2.72	4.86	4.60	3.83	3.59	2.90	2.32	1.75	.95	32.12
172	MEADE	.63	.57	1.98	1.92	3.47	3.11	3.17	2.02	2.03	1.64	.91	.74	22.19
173	MEDICINE LODGE	.72	.97	2.50	2.70	3.93	4.08	3.03	3.06	2.47	2.34	1.84	.87	28.51
174	MELVERN LAKE	.96	1.15	2.84	3.48	4.93	5.16	4.18	3.52	3.86	3.06	2.64	1.36	37.14
175	MILFORD LAKE	.72	.94	2.50	2.71	4.86	4.42	4.23	3.50	3.24	2.51	1.82	1.09	32.54
176	MILTONVALE	.78	.83	2.62	2.58	4.91	4.18	4.05	3.40	3.28	2.18	1.66	1.15	31.62
177	MINGO 5 E	.41	.44	1.22	1.83	3.05	2.57	3.58	2.58	1.39	1.20	.99	.35	19.61
178	MINNEAPOLIS	.78	.91	2.39	2.22	5.01	3.76	4.57	3.39	2.52	2.22	1.53	.98	30.28
179	MORAN	1.32	1.77	3.33	3.87	4.87	5.34	4.16	3.89	3.97	3.86	3.27	1.89	41.54
180	MORLAND 2 N	.51	.70	1.85	1.89	3.08	2.33	3.31	2.85	1.90	1.09	1.19	.40	21.10
181	MOUND CITY	1.59	1.83	3.37	3.99	4.91	4.95	3.79	3.77	4.32	3.75	3.29	1.93	41.49
182	MOUND VALLEY 3 WSW	1.59	1.81	3.69	3.95	6.00	5.46	3.78	4.07	4.85	4.43	3.58	2.23	45.44
183	MOUNT HOPE	.83	1.17	2.91	2.70	4.28	4.18	3.51	3.24	3.23	2.65	2.09	1.22	32.01
184	NATOMA	.76	.88	2.25	2.49	3.69	2.95	3.47	3.13	1.92	1.59	1.51	.79	25.43
185	NEOSHO RAPIDS	1.04	1.16	2.98	3.25	4.48	4.98	4.53	4.02	3.35	3.09	2.63	1.48	36.99
186	NESS CITY	.56	.70	1.94	1.98	3.09	2.96	3.56	2.65	1.67	1.29	1.19	.57	22.16
187	NEWTON 2 SW	.78	.95	2.67	2.80	4.66	4.28	3.35	3.23	2.92	2.49	2.23	1.16	31.52
188	NILES	.70	.85	2.24	2.35	4.81	3.64	4.25	3.93	2.68	2.28	1.58	.85	30.16
189	NORCATUR 3 WSW	.33	.44	1.35	1.92	3.71	2.89	4.11	2.69	1.59	1.11	.99	.42	21.55
190	NORTON DAM	.39	.47	1.73	2.64	4.40	3.29	3.62	3.20	1.97	1.56	1.19	.43	24.89
191	NORTON 9 SSE (HILL CITY	.59	.60	1.76	2.18	3.83	2.75	3.35	2.76	1.68	1.37	1.18	.49	22.54
192	NORWICH	.81	1.06	2.70	2.79	4.23	4.20	2.91	2.94	2.87	2.47	2.06	1.02	30.06
193	OAKLEY 4 W	.47	.51	1.25	1.78	3.27	2.46	3.68	2.52	1.34	1.05	1.02	.41	19.76
194	OAKLEY 22 S	.34	.50	1.12	1.35	2.88	2.19	3.37	1.91	1.67	.77	.95	.26	17.31
195	OBERLIN	.49	.63	1.65	2.20	3.65	3.30	3.75	2.74	1.50	1.17	1.03	.48	22.59
196	OFFERLE 5 S	.57	.67	1.85	2.17	3.40	2.99	2.89	2.93	1.99	1.61	.93	.78	22.78
197	OLATHE 3 E	1.26	1.27	2.74	3.78	5.41	5.22	4.03	3.56	4.69	3.48	2.97	1.76	40.17
198	ONAGA	.78	.95	2.42	3.16	5.04	4.95	4.27	3.90	3.80	2.76	2.18	.97	35.18
199	OSAGE CITY 4 NW	.97	1.07	2.94	3.49	5.70	5.02	4.03	3.58	3.73	3.10	3.02	1.55	38.20
200	OSAWATOMIE	1.21	1.36	2.74	3.38	5.09	5.14	3.58	3.49	3.98	3.47	2.89	1.56	37.89
201	OSBORNE	.61	.63	2.59	2.61	4.17	3.13	3.58	3.05	2.68	1.66	1.32	.60	26.63
202	OSKALOOSA 4 NE	1.06	1.12	2.61	3.17	5.34	4.96	4.31	3.80	4.79	3.06	2.53	1.52	38.27
203	OSWEGO 1 N	1.60	1.96	3.62	4.05	5.77	4.98	3.46	3.62	5.21	3.93	3.91	2.32	44.43
204	OTTAWA	1.28	1.28	2.95	3.55	5.43	5.18	3.58	3.70	4.19	3.38	2.95	1.74	39.21
205	OVERBROOK 7 SE	1.12	1.03	2.87	3.52	5.37	4.76	3.78	3.54	3.95	3.23	2.66	1.46	37.29
206	OXFORD	.95	1.35	2.66	2.78	4.70	4.30	3.02	3.19	2.68	2.86	2.54	1.26	32.29



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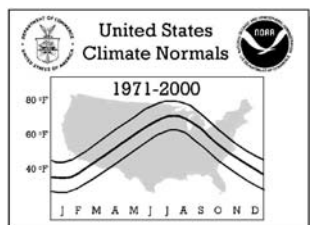
## Monthly Normals of Temperature, Precipitation, and Heating and Cooling Degree Days 1971-2000

### KANSAS

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No.	Station Name	PRECIPITATION NORMALS (Total in Inches)												
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
207	PALCO	.46	.57	1.79	2.25	3.66	2.83	3.47	2.72	1.82	1.40	1.27	.47	22.71
208	PAOLA	1.45	1.48	2.79	3.75	5.59	5.91	3.70	3.60	4.40	3.46	2.85	1.73	40.71
209	PARALLEL	.80	.86	2.37	2.75	4.64	4.22	4.23	3.81	3.17	2.45	1.82	1.03	32.15
210	PARSONS 2 NW	1.37	1.78	3.37	3.82	5.39	4.82	3.83	3.42	4.93	4.04	3.29	2.03	42.09
211	PECK	.89	1.18	2.92	2.83	4.33	4.71	3.73	3.02	2.99	2.32	2.27	1.33	32.52
212	PERRY LAKE	.96	.97	2.48	3.33	5.24	5.19	3.97	3.72	4.45	3.04	2.46	1.50	37.31
213	PHILLIPSBURG 1 SSE	.40	.49	1.94	2.32	4.14	3.06	3.30	2.80	2.08	1.39	1.11	.45	23.48
214	PITTSBURG	1.75	2.08	3.61	4.03	5.70	5.63	3.98	3.64	5.06	4.06	4.09	2.38	46.01
215	PLAINVILLE 4 WNW	.57	.71	2.13	2.27	3.92	2.75	3.92	2.88	2.10	1.47	1.37	.62	24.71
216	POMONA LAKE	1.07	1.15	2.83	3.55	5.15	4.97	3.24	3.70	4.24	3.01	2.91	1.55	37.37
217	POTWIN 3 N	.89	1.06	2.58	3.01	4.81	4.94	3.60	3.61	2.97	2.54	2.32	1.28	33.61
218	PRATT 4 W	.66	.96	2.40	2.73	3.78	3.90	3.32	2.96	2.54	2.25	1.37	.98	27.85
219	QUINTER	.56	.72	1.84	2.20	3.92	2.76	4.13	3.27	1.75	1.32	1.22	.56	24.25
220	RANDOLPH 4 WNW	.68	.96	2.76	2.64	4.15	3.93	3.79	3.46	3.04	2.34	1.94	.91	30.60
221	RANSOM 2 NE	.57	.62	1.77	1.87	3.39	2.88	3.51	2.76	1.68	1.36	1.20	.57	22.18
222	READING 2 N	1.09	1.11	2.95	3.20	5.32	4.78	4.06	3.90	3.52	2.83	2.50	1.50	36.76
223	REXFORD 1 SW	.45	.54	1.39	2.10	3.64	2.86	3.59	2.65	1.18	1.13	.94	.45	20.92
224	RICHFIELD 1 NE	.42	.43	1.03	1.50	3.01	2.44	2.35	2.29	1.57	1.09	.74	.38	17.25
225	RICHFIELD 10 WSW	.29	.30	.94	1.32	2.68	2.58	2.42	2.48	1.77	1.08	.64	.34	16.84
226	ROSALIA	.82	1.32	2.61	3.01	4.60	5.36	3.55	3.92	3.50	3.19	2.54	1.46	35.88
227	ROSSVILLE	.96	.98	2.66	3.19	5.29	4.96	4.29	3.90	4.29	2.83	2.24	1.25	36.84
228	RUSSELL 1 E	.68	.78	2.32	2.87	4.02	2.99	3.60	3.34	1.95	1.52	1.32	.86	26.25
229	RUSSELL SPRINGS	.42	.47	1.35	1.48	3.13	2.61	3.32	2.46	1.35	.93	.89	.34	18.75
230	SAFFORDVILLE 3 SW	.89	1.00	2.73	2.99	4.94	4.87	4.68	3.45	3.57	2.80	2.31	1.22	35.45
231	SAINT FRANCIS	.51	.49	1.17	1.73	3.14	2.57	2.97	2.12	1.16	1.04	.76	.40	18.06
232	ST FRANCIS 8 NW	.50	.54	1.31	1.98	3.22	2.90	3.07	2.03	1.25	1.04	.76	.38	18.98
233	ST PETER 4 ENE	.56	.69	1.84	2.11	3.62	2.46	3.26	2.65	1.72	1.17	1.27	.59	21.94
234	SALINA MUNICIPAL AP	.80	1.06	2.62	3.06	5.11	4.15	4.32	3.49	2.50	2.55	1.59	.94	32.19
235	SCANDIA	.55	.61	2.18	2.66	3.96	4.00	4.04	3.24	2.67	2.02	1.36	.73	28.02
236	SCOTT CITY	.70	.64	1.52	1.70	3.01	2.83	3.19	2.62	1.66	1.09	1.14	.60	20.70
237	SEDAN	1.33	1.70	3.32	3.59	6.09	4.88	3.41	3.01	4.39	4.05	3.22	1.93	40.92
238	SEDGWICK 1 W	.79	1.06	2.69	2.85	4.64	4.17	3.41	3.44	3.22	2.61	2.44	1.18	32.50
239	SHARON SPRINGS	.48	.56	1.47	1.60	3.38	3.04	3.32	2.43	1.32	1.14	.94	.43	20.11
240	SMITH CENTER	.47	.53	2.01	2.35	3.89	3.16	3.25	3.15	2.26	1.64	1.38	.56	24.65
241	STERLING	.80	1.02	2.70	2.35	4.37	3.78	3.75	3.06	2.66	2.36	1.39	.97	29.21
242	STILWELL	1.33	1.44	2.71	3.88	5.60	5.03	4.13	3.69	4.71	3.35	2.86	1.76	40.49
243	STOCKTON 1 E	.54	.65	2.05	2.13	3.92	2.96	3.52	2.82	2.02	1.47	1.38	.57	24.03
244	STUDLEY 9 NNW	.38	.44	1.25	2.06	3.55	2.36	3.28	2.74	1.67	1.12	1.09	.28	20.22
245	SUBLETTE	.46	.44	1.44	1.50	3.19	2.94	2.59	2.32	1.71	1.27	.94	.42	19.22
246	SYRACUSE	.42	.45	1.12	1.27	2.45	2.52	2.63	2.36	1.24	1.05	.71	.40	16.62
247	TESCOTT	.83	.85	2.61	2.60	4.98	3.88	5.04	3.19	2.93	2.35	1.50	.89	31.65
248	THRALL 4 S	.83	1.21	2.63	2.94	4.38	4.88	3.07	3.54	3.31	3.02	2.50	1.40	33.71
249	TONGANOXIE 5 SE	1.23	1.13	2.61	3.37	4.99	4.73	4.08	3.62	4.99	3.19	2.44	1.69	38.07
250	TOPEKA BILLARD MNCPL AP	.95	1.18	2.56	3.14	4.86	4.88	3.83	3.81	3.71	2.99	2.31	1.42	35.64
251	TORONTO LAKE	1.08	1.35	2.99	3.50	4.92	4.98	4.02	4.08	3.62	3.56	2.73	1.78	38.61
252	TRIBUNE 1 W	.45	.52	1.22	1.29	2.76	2.62	3.10	2.09	1.31	1.08	.63	.37	17.44
253	TROUSDALE 1 NE	.67	.83	2.19	2.37	3.95	4.07	3.21	3.12	2.20	2.05	1.19	.85	26.70
254	TROY 3 N	.90	1.13	2.57	3.33	5.06	4.74	4.47	4.03	4.53	3.03	2.33	1.31	37.43
255	TUTTLE CREEK LAKE	.57	.90	2.32	2.85	4.57	4.69	3.85	3.34	3.54	2.70	1.89	.87	32.09
256	ULYSSES	.42	.42	1.09	1.51	2.65	2.65	2.15	2.75	1.52	1.07	.82	.34	17.39
257	UTICA	.70	.72	1.82	1.93	3.46	3.17	3.80	2.65	1.57	1.33	1.17	.61	22.93
258	VALLEY FALLS	1.04	1.18	2.46	3.36	5.29	5.00	4.13	4.35	4.30	2.98	2.38	1.45	37.92
259	VIRGIL	1.01	1.26	2.73	3.02	4.87	4.89	4.22	3.80	3.71	3.29	2.90	1.59	37.29
260	WAKEENEY	.68	.77	1.87	2.17	3.62	2.57	3.64	2.95	2.02	1.33	1.33	.66	23.61
261	WAKEENEY 11 NNE	.48	.54	1.58	2.08	3.69	2.51	3.41	2.72	1.77	1.23	1.18	.52	21.71
262	WAKEFIELD 4 W	.70	.74	2.47	2.76	4.72	4.45	4.22	3.84	3.23	2.79	1.93	.91	32.76
263	WALNUT 3 S	1.61	2.00	3.51	3.99	5.33	5.84	4.21	3.71	4.87	4.16	3.41	2.16	44.80
264	WAMEGO	.85	1.02	2.44	2.89	4.74	4.91	4.26	3.56	3.68	2.58	2.18	1.21	34.32
265	WASHINGTON	.76	.84	2.48	3.05	4.62	4.79	4.40	3.75	3.37	2.14	1.82	1.00	33.02
266	WAVERLY	1.10	1.14	2.75	3.12	5.24	4.90	3.53	3.64	3.05	3.27	2.68	1.51	35.93
267	WEBSTER DAM	.52	.68	1.89	2.34	4.14	2.70	3.64	3.11	1.95	1.42	1.30	.61	24.30
268	WELLINGTON	.94	1.15	2.94	2.95	4.61	4.70	3.23	3.13	2.88	2.52	2.24	1.25	32.54
269	WHITE CITY	.85	.92	2.65	3.20	5.02	4.66	4.05	3.67	3.23	2.57	2.19	1.20	34.21
270	WICHITA MID-CONTINENT A	.84	1.02	2.71	2.57	4.16	4.25	3.31	2.94	2.96	2.45	1.82	1.35	30.38
271	WILLIAMSBURG	1.20	1.24	2.92	3.48	5.41	4.89	3.84	3.50	4.09	3.43	2.74	1.60	38.34
272	WILMORE 16 SE	.63	.84	2.06	2.18	3.49	3.80	2.76	2.84	2.26	1.59	1.21	.84	24.50
273	WILSON LAKE	.51	.60	2.07	2.27	3.96	3.18	3.63	3.52	2.11	1.89	1.30	.62	25.66
274	WINFIELD NO. 1	1.17	1.67	3.06	3.28	5.39	4.83	3.57	3.59	3.26	3.29	2.76	1.77	37.64
275	WINKLER	.71	.73	2.21	2.64	4.74	4.87	4.07	3.25	3.38	2.64	1.71	.99	31.94





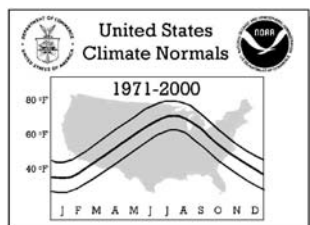
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## Monthly Normals of Temperature, Precipitation, and Heating and Cooling Degree Days 1971-2000

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No.	Station Name	Element	DEGREE DAYS (Total)												ANNUAL
			JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
001	ABILENE 1 W	HDD	1095	827	583	276	93	6	0	2	43	230	630	980	4765
		CDD	0	0	1	21	127	336	510	453	214	33	0	0	1695
002	AETNA 2 S	HDD	1001	743	535	255	75	9	0	1	29	196	606	925	4375
		CDD	0	0	0	26	117	338	516	474	229	27	0	0	1727
005	ALTON 6 ESE	HDD	1216	946	751	408	160	23	0	10	65	330	775	1113	5797
		CDD	0	0	0	5	62	258	432	357	127	6	0	0	1247
006	ANTHONY	HDD	1057	786	602	298	81	6	0	2	33	207	618	966	4656
		CDD	0	0	0	15	121	346	516	465	225	24	0	0	1712
008	ASHLAND	HDD	1080	807	616	318	105	19	0	1	38	258	663	990	4895
		CDD	0	0	0	13	99	305	466	425	181	12	0	0	1501
009	ATCHISON	HDD	1218	929	690	342	95	5	0	7	53	264	696	1080	5379
		CDD	0	0	0	10	88	270	425	353	142	12	0	0	1300
012	ATWOOD 2 SW	HDD	1216	954	796	468	190	25	0	10	107	437	866	1147	6216
		CDD	0	0	0	2	43	208	372	294	86	0	0	0	1005
021	BELLEVILLE	HDD	1212	934	720	385	144	14	0	10	65	317	755	1112	5668
		CDD	0	0	0	7	72	252	412	354	127	5	0	0	1229
022	BELOIT	HDD	1170	892	671	350	120	9	0	6	43	271	718	1068	5318
		CDD	0	0	0	12	86	300	482	423	168	11	0	0	1482
023	BIG BOW 2 S	HDD	1041	770	589	331	105	10	0	2	41	244	674	961	4768
		CDD	0	0	0	13	87	295	435	389	170	10	0	0	1399
025	BISON 3 NW	HDD	1147	888	702	385	131	15	0	5	48	281	718	1037	5357
		CDD	0	0	0	6	70	279	452	391	155	10	0	0	1363
030	BREWSTER 4 W	HDD	1216	952	820	503	229	38	1	14	110	433	862	1160	6338
		CDD	0	0	0	1	27	187	323	263	78	0	0	0	879
038	CASSODAY	HDD	1187	906	703	363	131	14	0	9	60	285	691	1062	5411
		CDD	0	0	0	8	75	244	414	367	153	10	0	0	1271
041	CEDAR BLUFF DAM 4 NNE	HDD	1146	885	721	402	158	23	0	8	68	300	734	1033	5478
		CDD	0	0	0	6	69	256	422	361	151	10	0	0	1275
043	CENTRALIA	HDD	1230	942	710	370	142	12	0	12	70	304	738	1112	5642
		CDD	0	0	0	8	76	228	373	332	128	8	0	0	1153
045	CHANUTE JOHNSON AP	HDD	1062	796	571	274	93	6	0	3	46	223	598	947	4619
		CDD	0	0	0	17	103	285	449	405	187	19	0	0	1465
048	CIMARRON 4 S	HDD	1114	853	686	390	159	30	0	5	58	294	723	1028	5340
		CDD	0	0	0	12	66	266	404	352	146	6	0	0	1252
051	CLAY CENTER	HDD	1131	852	617	290	91	5	0	3	34	222	656	1021	4922
		CDD	0	0	0	18	112	320	490	440	195	19	0	0	1594
053	CLINTON LAKE	HDD	1211	930	694	359	139	10	0	10	66	294	689	1080	5482
		CDD	0	0	0	7	81	235	402	358	149	10	0	0	1242
054	COLBY 1 SW	HDD	1217	961	821	505	240	46	1	13	111	421	834	1132	6302
		CDD	0	0	0	1	34	183	320	268	84	1	0	0	891
055	COLDWATER	HDD	997	730	539	271	92	11	0	2	28	187	592	910	4359
		CDD	0	2	2	30	120	324	489	447	211	24	0	0	1649
057	COLUMBUS 1 SW	HDD	1054	786	584	294	100	9	0	4	42	219	582	922	4596
		CDD	0	0	0	11	98	274	437	399	178	22	0	0	1419
058	CONCORDIA BLOSSER AP	HDD*	1195	927	702	380	131	13	1	2	76	307	722	1068	5524
		CDD*	0	0	2	15	63	265	436	366	163	22	1	0	1333
060	COTTONWOOD FALLS	HDD	1160	879	679	353	109	10	0	8	61	268	673	1033	5233
		CDD	0	0	0	10	83	261	433	389	168	13	0	0	1357
061	COUNCIL GROVE LAKE	HDD	1204	921	681	346	125	13	0	8	63	287	688	1067	5403
		CDD	0	0	0	12	84	257	426	382	154	10	0	0	1325
066	DODGE CITY RGNL AP	HDD*	1087	826	647	351	121	12	1	2	65	273	674	978	5037
		CDD*	0	0	2	18	79	291	462	407	193	28	1	0	1481
070	EL DORADO	HDD	1108	834	627	309	87	7	0	4	48	237	635	995	4891
		CDD	0	0	0	12	95	284	455	402	187	18	0	0	1453
072	ELKHART	HDD	1033	801	645	356	128	12	0	2	46	276	673	969	4941
		CDD	0	0	0	11	78	279	428	367	141	6	0	0	1310
074	ELLSWORTH	HDD	1210	924	722	392	132	14	0	8	61	309	747	1095	5614
		CDD	0	0	0	6	68	266	437	365	140	8	0	0	1290
078	EMPORIA 3 NW	HDD	1163	884	671	344	116	10	0	8	54	258	657	1022	5187
		CDD	0	0	0	9	85	265	423	383	162	12	0	0	1339
081	ESKRIDGE	HDD	1216	930	718	387	139	15	2	11	64	297	719	1088	5586
		CDD	0	0	0	9	73	228	386	337	129	9	0	0	1171
082	EUREKA	HDD	1112	840	624	306	83	6	0	4	49	236	632	987	4879
		CDD	0	0	0	13	95	287	470	412	193	14	0	0	1484
084	FALL RIVER LAKE	HDD	1103	837	608	289	97	9	0	4	48	240	606	965	4806
		CDD	0	0	0	17	93	266	438	401	181	20	0	0	1416
085	FLORENCE	HDD	1092	811	586	280	93	8	0	5	49	218	627	981	4750
		CDD	0	0	0	17	100	294	464	422	193	16	0	0	1506



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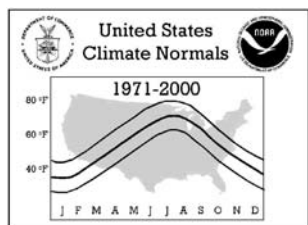
## Monthly Normals of Temperature, Precipitation, and Heating and Cooling Degree Days

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			DEGREE DAYS (Total)												
No.	Station Name	Element	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
086	FORT SCOTT	HDD	1098	812	596	293	90	6	0	5	45	227	607	963	4742
		CDD	0	0	0	16	112	297	464	410	180	26	1	0	1506
090	FREDONIA	HDD	1093	806	599	293	87	6	0	5	47	239	613	979	4767
		CDD	0	0	0	12	91	278	442	399	185	14	0	0	1421
092	GARDEN CITY 9 ESE	HDD	1110	839	662	368	141	19	0	5	52	296	723	1030	5245
		CDD	0	0	0	10	78	269	426	377	149	9	0	0	1318
093	GARDEN CITY EXP STN	HDD	1129	869	700	396	151	21	0	5	67	316	731	1038	5423
		CDD	0	0	0	7	60	250	395	341	133	5	0	0	1191
094	GARNETT 1 E	HDD	1066	802	565	274	89	6	0	5	41	201	588	945	4582
		CDD	0	0	0	20	110	286	457	419	202	24	0	0	1511
096	GIRARD	HDD	1055	791	577	276	86	5	0	2	44	215	585	927	4563
		CDD	0	0	0	17	119	305	469	422	196	34	1	0	1563
097	GLEN ELDER LAKE	HDD	1224	948	735	395	155	18	0	11	54	304	737	1089	5670
		CDD	0	0	0	8	69	255	438	379	143	6	0	0	1298
099	GOODLAND RENNER AP	HDD*	1147	916	776	490	224	35	5	10	117	407	812	1084	6023
		CDD*	0	0	0	4	26	173	320	266	99	6	0	0	894
101	GREAT BEND	HDD	1079	809	606	296	98	8	0	3	35	215	647	986	4782
		CDD	0	0	0	21	113	327	483	427	192	17	0	0	1580
102	GREENSBURG	HDD	1122	858	684	367	124	19	0	4	64	281	706	1029	5258
		CDD	0	0	0	12	80	281	444	391	167	11	0	0	1386
109	HAYS 1 S	HDD	1177	907	710	368	143	19	0	8	61	310	745	1069	5517
		CDD	0	0	0	10	74	274	435	376	142	6	0	0	1317
110	HEALY	HDD	1162	898	737	421	169	23	0	5	74	341	774	1067	5671
		CDD	0	0	0	3	54	251	400	344	124	4	0	0	1180
111	HERINGTON	HDD	1198	898	688	363	130	11	0	7	62	283	702	1073	5415
		CDD	0	0	0	8	78	261	429	384	161	8	0	0	1329
113	HILL CITY 1 E	HDD	1177	926	754	422	180	28	0	7	72	344	770	1081	5761
		CDD	0	0	0	4	53	236	403	337	112	3	0	0	1148
115	HILLSDALE LAKE	HDD	1162	886	635	332	115	8	0	9	52	247	650	1020	5116
		CDD	0	0	0	12	93	261	421	385	160	17	0	0	1349
116	HOLTON	HDD	1228	944	724	379	126	11	0	8	70	294	706	1093	5583
		CDD	0	0	0	6	77	247	403	350	148	9	0	0	1240
117	HORTON	HDD	1185	902	659	325	113	7	0	5	48	259	682	1066	5251
		CDD	0	0	0	14	97	274	427	378	162	15	0	0	1367
118	HOWARD 5 NE	HDD	1085	821	615	299	87	8	0	4	45	221	616	972	4773
		CDD	0	0	0	13	96	281	458	412	193	17	0	0	1470
119	HOXIE	HDD	1169	920	767	443	179	30	2	11	81	349	795	1090	5836
		CDD	0	0	0	4	50	223	382	325	117	3	0	0	1104
121	HUDSON	HDD	1057	792	582	285	87	7	0	2	30	202	624	955	4623
		CDD	0	0	0	26	119	348	513	457	212	22	0	0	1697
122	HUGOTON	HDD	1048	803	656	355	133	16	0	4	58	282	691	980	5026
		CDD	0	0	0	11	72	279	417	355	141	5	0	0	1280
124	HUTCHINSON 10 SW	HDD	1133	854	651	350	121	12	0	4	52	266	678	1025	5146
		CDD	0	0	0	11	80	294	462	414	180	13	0	0	1454
125	INDEPENDENCE	HDD	1040	781	568	268	79	5	0	2	42	200	568	918	4471
		CDD	0	0	0	23	112	304	479	440	216	28	0	0	1602
127	IOLA 1 W	HDD	1108	833	617	301	85	5	0	4	44	216	615	979	4807
		CDD	0	0	0	14	107	293	459	392	179	20	0	0	1464
130	JETMORE 8 NNW	HDD	1163	908	725	424	169	23	0	5	66	321	754	1054	5612
		CDD	0	0	0	4	60	244	397	354	129	5	0	0	1193
132	JOHN REDMOND LAKE	HDD	1171	895	652	330	124	12	0	8	57	272	661	1029	5211
		CDD	0	0	0	11	92	255	411	372	155	12	0	0	1308
135	KANOPOLIS LAKE	HDD	1158	912	705	393	156	21	0	9	64	279	694	1031	5422
		CDD	0	0	0	7	66	251	419	364	145	10	0	0	1262
136	KINGMAN	HDD	1090	821	633	319	89	8	0	3	42	239	655	999	4898
		CDD	0	0	0	17	103	332	502	448	201	17	0	0	1620
137	KINSLEY	HDD	1089	840	657	358	134	16	0	4	52	261	673	994	5078
		CDD	0	0	0	12	84	281	444	391	165	10	0	0	1387
138	KIRWIN DAM	HDD	1257	1000	802	446	184	24	0	10	91	367	807	1133	6121
		CDD	0	0	0	3	51	232	401	328	106	2	0	0	1123
140	LAKIN	HDD	1106	847	688	383	155	19	0	6	72	309	725	1026	5336
		CDD	0	0	0	9	69	258	413	353	143	6	0	0	1251
141	LARNED	HDD	1104	836	654	342	113	12	0	5	47	258	677	1003	5051
		CDD	0	0	0	11	84	296	456	404	177	15	0	0	1443
142	LAWRENCE	HDD	1089	819	581	273	91	5	0	5	43	204	604	971	4685
		CDD	0	0	2	22	125	307	470	427	202	25	2	0	1582
143	LEAVENWORTH	HDD	1191	907	693	357	113	7	0	6	58	265	680	1054	5331
		CDD	0	0	0	15	108	271	436	363	149	14	0	0	1356



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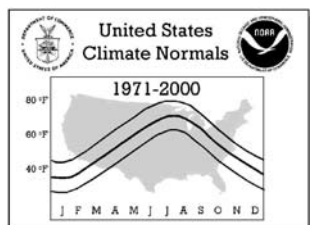
## Monthly Normals of Temperature, Precipitation, and Heating and Cooling Degree Days 1971-2000

### KANSAS

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		DEGREE DAYS (Total)													
No.	Station Name	Element	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
148	LEOTI 1 SE	HDD	1158	905	762	468	205	29	0	11	97	403	817	1095	5950
		CDD	0	0	0	2	36	204	337	276	77	1	0	0	933
150	LIBERAL	HDD	1017	778	628	335	130	15	0	3	43	235	641	945	4770
		CDD	0	0	0	15	84	297	445	402	180	14	0	0	1437
152	LINCOLN 1 ESE	HDD	1206	920	714	387	137	17	0	5	50	293	741	1088	5558
		CDD	0	0	0	6	80	293	472	396	155	11	0	0	1413
159	LOVEWELL DAM	HDD	1255	991	772	423	172	21	0	13	81	354	784	1139	6005
		CDD	0	0	0	4	57	217	373	314	105	3	0	0	1073
162	MANHATTAN	HDD	1153	864	637	315	106	7	0	4	48	265	679	1042	5120
		CDD	0	0	0	17	106	298	461	405	163	15	0	0	1465
163	MANKATO	HDD	1268	997	792	453	197	29	2	24	101	370	806	1158	6197
		CDD	0	0	0	4	64	220	381	320	107	5	0	0	1101
164	MARION LAKE	HDD	1179	912	682	359	125	14	0	8	72	293	701	1054	5399
		CDD	0	0	0	11	85	276	441	379	153	9	0	0	1354
165	MARYSVILLE	HDD	1271	979	748	396	152	18	0	10	75	338	756	1133	5876
		CDD	0	0	0	7	75	246	391	340	126	7	0	0	1192
169	MC DONALD	HDD	1175	924	804	501	240	43	1	14	105	385	824	1097	6113
		CDD	0	0	0	1	30	176	326	273	92	1	0	0	899
171	MCPHERSON	HDD	1143	865	670	356	121	12	0	5	53	264	687	1037	5213
		CDD	0	0	0	9	81	286	458	399	174	14	0	0	1421
172	MEADE	HDD	1034	793	636	343	132	18	0	2	44	245	658	954	4859
		CDD	0	0	0	13	81	291	446	410	181	15	0	0	1437
173	MEDICINE LODGE	HDD	1070	809	624	317	87	6	0	1	38	237	646	983	4818
		CDD	0	0	0	15	104	323	486	438	195	16	0	0	1577
174	MELVERN LAKE	HDD	1167	886	666	342	122	12	0	9	57	264	653	1023	5201
		CDD	0	0	0	11	83	252	405	367	154	10	0	0	1282
175	MILFORD LAKE	HDD	1216	933	707	367	146	16	0	8	64	294	700	1079	5530
		CDD	0	0	0	8	85	248	416	366	147	12	0	0	1282
178	MINNEAPOLIS	HDD	1122	847	603	287	95	6	0	3	30	216	657	1014	4880
		CDD	0	0	0	21	119	341	515	464	205	19	0	0	1684
181	MOUND CITY	HDD	1141	854	636	330	115	11	4	9	67	254	633	993	5047
		CDD	0	0	0	17	92	264	435	384	174	25	0	0	1391
182	MOUND VALLEY 3 WSW	HDD	1069	794	577	289	93	8	0	2	47	232	597	938	4646
		CDD	0	0	0	17	106	290	458	412	188	32	0	0	1503
186	NESS CITY	HDD	1143	879	707	386	140	19	0	4	53	304	734	1041	5410
		CDD	0	0	0	7	71	276	432	373	136	10	0	0	1305
187	NEWTON 2 SW	HDD	1116	830	624	324	111	9	0	3	44	218	646	1007	4932
		CDD	0	0	0	13	106	318	493	444	206	22	0	0	1602
190	NORTON DAM	HDD	1226	968	805	451	198	35	1	12	89	378	815	1137	6115
		CDD	0	0	0	2	47	209	371	318	97	1	0	0	1045
191	NORTON 9 SSE (HILL CITY	HDD	1159	904	737	413	165	29	1	12	71	305	748	1064	5608
		CDD	0	0	0	4	52	239	404	357	140	6	0	0	1202
192	NORWICH	HDD	1075	813	626	320	89	7	0	2	37	216	626	981	4792
		CDD	0	0	0	14	104	326	509	461	224	32	0	0	1670
193	OAKLEY 4 W	HDD	1175	922	786	464	201	32	1	10	95	379	811	1101	5977
		CDD	0	0	0	2	34	218	367	310	99	1	0	0	1031
195	OBERLIN	HDD	1193	934	783	452	182	31	1	11	101	385	825	1115	6013
		CDD	0	0	0	2	43	221	375	317	112	2	0	0	1072
197	OLATHE 3 E	HDD	1113	839	609	292	100	6	0	6	45	226	622	989	4847
		CDD	0	0	0	14	108	279	432	383	171	19	0	0	1406
202	OSKALOOSA 4 NE	HDD	1174	889	655	323	113	8	0	8	59	265	677	1054	5225
		CDD	0	0	0	12	88	255	411	364	147	11	0	0	1288
204	OTTAWA	HDD	1073	807	567	261	83	3	0	4	35	204	590	954	4581
		CDD	0	0	0	22	122	311	476	428	197	24	1	0	1581
208	PAOLA	HDD	1096	820	578	271	90	4	0	5	46	227	613	980	4730
		CDD	0	0	0	17	112	293	455	404	182	18	0	0	1481
210	PARSONS 2 NW	HDD	1079	800	590	295	95	6	0	3	51	229	594	942	4684
		CDD	0	0	0	13	101	283	456	406	187	24	0	0	1470
212	PERRY LAKE	HDD	1197	909	675	340	127	11	0	8	66	285	669	1059	5346
		CDD	0	0	0	11	93	256	416	369	155	11	0	0	1311
213	PHILLIPSBURG 1 SSE	HDD	1225	958	748	405	157	20	0	8	65	335	788	1126	5835
		CDD	0	0	0	4	64	267	428	364	128	4	0	0	1259
215	PLAINVILLE 4 WNW	HDD	1200	936	758	433	179	30	1	11	84	336	769	1100	5837
		CDD	0	0	0	4	56	243	401	343	133	5	0	0	1185
216	POMONA LAKE	HDD	1170	898	661	329	117	9	0	9	56	263	654	1030	5196
		CDD	0	0	0	13	93	266	430	391	166	13	0	0	1372
218	PRATT 4 W	HDD	1035	771	570	294	101	9	0	2	35	203	624	951	4595
		CDD	0	0	1	24	107	312	468	431	203	21	0	0	1567

			DEGREE DAYS (Total)												
No.	Station Name	Element	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
219	QUINTER	HDD	1169	915	762	436	186	33	0	10	83	346	777	1081	5798
		CDD	0	0	0	4	49	229	377	326	114	3	0	0	1102
224	RICHFIELD 1 NE	HDD	1089	844	695	409	157	17	0	3	65	316	708	1010	5313
		CDD	0	0	0	6	61	245	404	339	126	4	0	0	1185
228	RUSSELL 1 E	HDD	1154	882	682	364	138	15	0	5	53	283	716	1049	5341
		CDD	0	0	0	10	78	285	451	393	154	9	0	0	1380
229	RUSSELL SPRINGS	HDD	1175	914	764	438	184	28	0	9	85	369	802	1105	5873
		CDD	0	0	0	4	47	234	378	331	116	2	0	0	1112
231	SAINT FRANCIS	HDD	1174	913	778	475	205	31	0	7	98	398	821	1101	6001
		CDD	0	0	0	2	36	204	351	290	91	1	0	0	975
234	SALINA MUNICIPAL AP	HDD	1117	845	620	316	102	7	0	3	41	238	658	1005	4952
		CDD	0	0	0	13	99	323	504	450	194	17	0	0	1600
236	SCOTT CITY	HDD	1156	897	750	440	185	25	0	6	82	343	777	1072	5733
		CDD	0	0	0	3	43	234	368	319	122	4	0	0	1093
237	SEDAN	HDD	1030	769	561	266	82	6	0	3	41	211	565	911	4445
		CDD	0	0	0	18	107	298	476	446	213	28	0	0	1586
239	SHARON SPRINGS	HDD	1169	916	769	445	182	18	0	7	83	372	820	1101	5882
		CDD	0	0	0	4	37	221	364	309	98	1	0	0	1034
240	SMITH CENTER	HDD	1185	901	692	347	127	13	0	8	51	284	753	1091	5452
		CDD	0	0	0	11	84	292	455	397	158	8	0	0	1405
241	STERLING	HDD	1108	841	644	338	113	10	0	3	49	254	673	1009	5042
		CDD	0	0	0	12	96	312	475	425	181	12	0	0	1513
245	SUBLETTE	HDD	1101	845	689	396	159	20	0	4	56	299	722	1024	5315
		CDD	0	0	0	6	56	252	381	339	131	5	0	0	1170
246	SYRACUSE	HDD	1136	856	691	399	161	16	0	5	66	322	750	1060	5462
		CDD	0	0	0	6	62	252	403	355	134	4	0	0	1216
250	TOPEKA BILLARD MNCPL AP	HDD*	1174	898	647	336	106	7	1	1	73	287	665	1030	5225
		CDD*	0	0	3	22	85	278	419	357	166	26	1	0	1357
251	TORONTO LAKE	HDD	1108	841	600	286	97	7	0	3	44	241	610	977	4814
		CDD	0	0	0	16	94	279	446	410	184	16	0	0	1445
252	TRIBUNE 1 W	HDD	1164	901	768	472	210	30	0	6	88	387	804	1092	5922
		CDD	0	0	0	3	33	199	341	289	93	1	0	0	959
254	TROY 3 N	HDD	1274	978	757	404	131	11	0	14	70	318	744	1134	5835
		CDD	0	0	0	4	72	225	357	295	109	7	0	0	1069
255	TUTTLE CREEK LAKE	HDD	1231	952	710	377	153	19	0	8	71	320	727	1101	5669
		CDD	0	0	0	10	80	244	405	353	134	7	0	0	1233
256	ULYSSES	HDD	1074	814	665	379	148	16	0	3	55	280	703	1001	5138
		CDD	0	0	0	11	78	278	430	377	154	11	0	0	1339
260	WAKEENEY	HDD	1147	890	712	387	146	22	0	7	67	310	743	1057	5488
		CDD	0	0	0	7	69	276	438	377	142	6	0	0	1315
264	WAMEGO	HDD	1126	845	607	289	93	5	0	4	40	228	636	1004	4877
		CDD	0	0	0	18	108	295	452	411	182	21	0	0	1487
265	WASHINGTON	HDD	1172	889	649	315	99	6	0	4	44	253	699	1058	5188
		CDD	0	0	0	15	100	303	457	395	162	12	0	0	1444
267	WEBSTER DAM	HDD	1187	937	738	407	161	28	0	13	79	337	771	1081	5739
		CDD	0	0	0	8	60	254	415	356	130	5	0	0	1228
268	WELLINGTON	HDD	1065	809	577	291	86	7	0	2	35	207	600	949	4628
		CDD	0	0	0	19	118	345	523	487	228	24	0	0	1744
270	WICHITA MID-CONTINENT A	HDD*	1087	819	594	302	89	5	0	0	49	235	620	965	4765
		CDD*	0	0	2	19	93	330	503	454	221	35	1	0	1658
272	WILMORE 16 SE	HDD	1096	833	635	321	96	11	0	2	41	269	681	1010	4995
		CDD	0	0	0	16	97	315	479	425	183	10	0	0	1525
273	WILSON LAKE	HDD	1153	895	706	371	134	12	0	7	45	272	686	1033	5314
		CDD	0	0	0	6	77	276	457	394	151	10	0	0	1371
274	WINFIELD NO. 1	HDD	1067	796	593	305	93	8	0	3	45	211	606	951	4678
		CDD	0	0	0	16	103	300	479	438	210	21	0	0	1567
276	WINONA	HDD	1153	901	773	464	204	36	1	10	87	356	789	1077	5851
		CDD	0	0	0	2	37	203	355	316	109	2	0	0	1024



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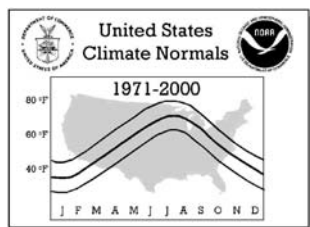
## Monthly Normals of Temperature, Precipitation, and Heating and Cooling Degree Days 1971-2000

### KANSAS

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			NORMALS STATISTICS												
No.	Station Name	Element	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
001	ABILENE 1 W	HIGHEST MEAN	40.3	46.2	51.8	63.6	71.5	80.4	87.7	87.7	76.6	63.1	53.4	40.2	87.7
		MEDIAN	30.5	36.7	47.0	56.5	65.4	76.4	81.3	79.5	70.5	59.3	44.0	34.4	56.4
		LOWEST MEAN	14.0	20.2	38.7	48.4	60.2	69.9	76.5	74.2	62.7	50.0	37.3	15.3	14.0
		HIGHEST MEAN YEAR	1992	1999	1986	1981	1998	1988	1980	2000	1998	2000	1999	1991	1980
		LOWEST MEAN YEAR	1979	1979	1975	1983	1983	1982	1971	1992	1974	1976	1976	1983	1979
		MIN OBS TIME ADJUSTMENT	-1.3	-1.1	-1.0	-0.9	-0.7	-0.5	-0.5	-0.6	-0.9	-1.1	-1.3	-1.3	
		MAX OBS TIME ADJUSTMENT	-1.4	-0.9	-1.8	-2.0	-1.0	-0.9	-0.8	-1.3	-1.3	-1.4	-1.0	-1.3	
002	AETNA 2 S	HIGHEST MEAN	41.1	47.7	53.5	65.5	72.5	81.3	87.5	86.6	78.9	64.5	53.2	40.2	87.5
		MEDIAN	33.2	39.8	48.0	57.6	65.7	76.5	81.0	80.5	71.2	59.6	45.5	35.8	57.5
		LOWEST MEAN	19.0	23.9	42.2	50.2	61.1	70.2	78.7	74.4	62.8	53.4	39.0	20.2	19.0
		HIGHEST MEAN YEAR	1986	1976	1972	1981	1996	1994	1980	2000	1998	1979	1999	1999	1980
		LOWEST MEAN YEAR	1979	1978	1984	1983	1995	1982	1989	1992	1974	1976	1972	1983	1979
		MIN OBS TIME ADJUSTMENT	-1.3	-1.2	-1.1	-1.0	-0.7	-0.5	-0.5	-0.6	-0.9	-1.1	-1.3	-1.3	
		MAX OBS TIME ADJUSTMENT	-1.4	-0.9	-1.9	-2.0	-1.1	-0.8	-0.8	-1.2	-1.3	-1.4	-1.0	-1.5	
005	ALTON 6 ESE	HIGHEST MEAN	35.9	40.3	46.4	59.8	68.0	79.6	84.9	83.8	72.6	58.4	47.2	34.5	84.9
		MEDIAN	25.6	32.6	41.0	51.0	61.5	73.1	78.7	75.9	67.3	54.3	39.1	29.9	52.4
		LOWEST MEAN	13.1	18.2	33.7	45.4	55.1	67.2	73.4	69.4	61.1	49.4	30.6	12.1	12.1
		HIGHEST MEAN YEAR	1986	1976	1986	1981	1977	1988	1980	1983	1998	1974	1999	1991	1980
		LOWEST MEAN YEAR	1979	1978	1996	1983	1995	1982	1992	1992	1993	1976	1985	1983	1983
		MIN OBS TIME ADJUSTMENT	1.4	1.8	2.1	1.4	0.0	0.0	-0.1	0.7	0.7	1.2	1.2	1.2	
		MAX OBS TIME ADJUSTMENT	0.3	0.5	0.4	0.4	0.4	0.3	0.1	0.0	-0.1	-0.1	0.0	0.2	
006	ANTHONY	HIGHEST MEAN	40.1	46.8	51.6	63.3	72.0	81.7	89.7	85.8	79.6	65.3	53.6	39.6	89.7
		MEDIAN	31.4	38.4	45.9	56.1	65.8	76.9	81.0	80.4	71.4	59.0	45.0	34.5	56.6
		LOWEST MEAN	15.7	22.5	40.3	48.0	61.4	71.5	77.8	73.7	63.3	53.4	39.2	18.5	15.7
		HIGHEST MEAN YEAR	1986	1976	1986	1981	1996	1990	1980	2000	1998	1979	1999	1988	1980
		LOWEST MEAN YEAR	1979	1978	1996	1983	1995	1982	1972	1992	1974	1976	1991	1983	1979
		MIN OBS TIME ADJUSTMENT	1.5	1.9	2.3	1.4	0.0	0.0	-0.1	0.5	0.5	1.2	1.2	1.2	
		MAX OBS TIME ADJUSTMENT	0.3	0.5	0.4	0.4	0.3	0.3	0.1	0.0	-0.1	-0.1	0.0	0.2	
008	ASHLAND	HIGHEST MEAN	38.1	44.4	50.7	62.2	70.2	81.4	84.2	83.7	76.0	61.7	49.8	37.4	84.2
		MEDIAN	31.3	37.6	45.2	55.0	64.6	74.6	79.9	78.8	69.7	57.3	43.8	34.3	55.5
		LOWEST MEAN	17.4	22.7	39.5	48.2	58.3	68.2	77.3	73.4	61.7	51.2	36.5	18.6	17.4
		HIGHEST MEAN YEAR	1986	1976	1972	1981	1996	1994	1980	1983	1998	1979	1999	1994	1980
		LOWEST MEAN YEAR	1979	1978	1998	1983	1995	1982	1972	1992	1974	1976	1985	1983	1979
		MIN OBS TIME ADJUSTMENT	1.5	1.0	1.4	0.0	0.0	-0.4	-0.1	-0.3	-0.5	0.5	0.5	1.3	
		MAX OBS TIME ADJUSTMENT	0.3	0.4	0.4	0.4	0.3	0.3	0.1	0.0	-0.1	0.0	0.1	0.2	
009	ATCHISON	HIGHEST MEAN	38.0	42.1	47.5	62.9	70.6	77.7	84.6	83.2	73.8	62.0	50.7	35.5	84.6
		MEDIAN	25.2	33.2	43.8	53.6	64.9	74.3	78.4	75.7	68.0	57.2	42.4	31.6	53.9
		LOWEST MEAN	11.7	18.6	35.9	47.3	59.6	68.7	75.6	71.3	62.3	50.2	34.5	12.6	11.7
		HIGHEST MEAN YEAR	1990	1976	1991	1981	1998	1971	1980	1983	1998	1971	1999	1991	1980
		LOWEST MEAN YEAR	1979	1979	1984	1983	1995	1982	1971	1992	1974	1976	1985	1983	1979
		MIN OBS TIME ADJUSTMENT	1.5	1.8	2.0	1.4	0.0	0.0	-0.1	0.7	0.6	0.5	1.2	1.0	
		MAX OBS TIME ADJUSTMENT	0.3	0.5	0.4	0.4	0.3	0.3	0.1	0.0	-0.1	0.0	0.0	0.1	
012	ATWOOD 2 SW	HIGHEST MEAN	35.8	38.4	45.8	55.9	65.1	76.5	81.3	81.2	70.1	53.8	43.4	34.1	81.3
		MEDIAN	25.6	31.5	39.5	50.1	60.4	70.9	77.6	74.0	64.5	51.0	36.4	29.1	50.4
		LOWEST MEAN	13.3	18.9	33.6	43.5	51.7	65.8	71.5	69.1	58.0	45.8	27.9	11.6	11.6
		HIGHEST MEAN YEAR	1986	1992	1986	1981	1977	1988	1980	1983	1998	1979	1999	1980	1980
		LOWEST MEAN YEAR	1979	1978	1996	1984	1995	1982	1994	1992	1993	1976	1985	1983	1983
		MIN OBS TIME ADJUSTMENT	1.5	1.8	2.1	1.4	0.0	0.0	-0.1	0.7	0.7	1.3	1.3	1.4	
		MAX OBS TIME ADJUSTMENT	0.3	0.5	0.4	0.4	0.4	0.3	0.1	0.0	-0.1	-0.1	0.1	0.2	
021	BELLEVILLE	HIGHEST MEAN	36.3	41.4	48.7	59.9	67.9	77.7	84.5	83.5	72.9	58.9	49.6	35.3	84.5
		MEDIAN	25.8	33.1	42.1	51.9	62.3	73.1	78.1	75.7	67.6	55.1	40.2	30.2	52.9
		LOWEST MEAN	11.8	17.5	34.1	46.1	56.7	66.6	73.7	70.7	61.9	50.3	30.9	10.6	10.6
		HIGHEST MEAN YEAR	1992	1999	1986	1981	1977	1988	1980	2000	1998	1975	1999	1991	1980
		LOWEST MEAN YEAR	1979	1978	1975	1983	1995	1982	1992	1992	1993	1976	1985	1983	1983
		MIN 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	
		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	
022	BELOIT	HIGHEST MEAN	37.3	42.5	50.0	61.5	69.0	80.0	88.3	87.1	74.4	60.3	49.6	36.7	88.3
		MEDIAN	27.4	34.8	43.2	53.3	63.7	74.7	80.5	78.1	69.7	56.7	41.0	32.1	54.4
		LOWEST MEAN	14.0	20.1	35.6	45.7	57.7	69.8	76.0	72.5	63.6	50.8	32.7	13.1	13.1
		HIGHEST MEAN YEAR	1992	1999	1986	1981	1977	1988	1980	1983	1998	1975	1999	1991	1980
		LOWEST MEAN YEAR	1979	1978	1975	1983	1995	1982	1992	1992	1974	1976	1985	1983	1983
		MIN 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	
		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	
023	BIG BOW 2 S	HIGHEST MEAN	41.8	45.0	51.9	61.2	69.3	79.6	84.5	82.5	75.2	60.5	50.1	40.8	84.5
		MEDIAN	32.2	37.5	46.4	54.7	64.5	74.9	78.8	77.6	69.2	57.7	42.8	35.1	55.4
		LOWEST MEAN	19.8	25.6	40.7	47.9	58.0	68.7	75.7	72.3	63.2	51.7	35.0	22.2	19.8
		HIGHEST MEAN YEAR	1986	1976	1972	1981	1974	1981	1980	1983	1998	1979	1999	1980	1980
		LOWEST MEAN YEAR	1979	1978	1996	1997	1995	1989	1972	1992	1974	1976	1972	1983	1979
		MIN OBS TIME ADJUSTMENT	-1.3	-1.4	-1.1	-1.0	-0.7	-0.6	-0.5	-0.6	-1.0	-1.1	-1.3	-1.4	
		MAX OBS TIME ADJUSTMENT	-1.4	-1.6	-1.9	-2.0	-1.8	-1.0	-1.2	-1.2	-1.3	-1.5	-1.0	-1.6	





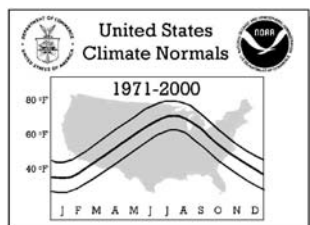
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## Monthly Normals of Temperature, Precipitation, and Heating and Cooling Degree Days 1971-2000

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			NORMALS STATISTICS												
No.	Station Name	Element	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
025	BISON 3 NW	HIGHEST MEAN	38.5	42.5	48.6	61.0	67.0	79.5	86.9	84.7	75.8	59.6	48.7	36.8	86.9
		MEDIAN	28.8	33.9	42.2	51.9	63.7	74.1	79.0	77.3	68.7	57.0	41.3	32.5	54.0
		LOWEST MEAN	14.6	20.5	33.4	46.3	56.0	67.7	76.0	71.5	62.9	49.7	33.7	15.7	14.6
		HIGHEST MEAN YEAR	1986	1976	1986	1981	1998	1994	1980	1983	1998	1979	1999	1991	1980
		LOWEST MEAN YEAR	1979	1978	1998	1983	1995	1989	1992	1992	1974	1976	1985	1983	1979
		MIN OBS TIME ADJUSTMENT	1.5	1.9	2.2	1.4	0.0	0.0	-0.1	0.6	0.6	1.2	1.2	1.2	
		MAX OBS TIME ADJUSTMENT	0.3	0.5	0.4	0.4	0.4	0.3	0.1	0.0	-0.1	-0.1	0.1	0.2	
030	BREWSTER 4 W	HIGHEST MEAN	35.1	38.2	45.5	55.7	62.9	74.5	80.0	80.1	70.5	54.7	44.4	35.7	80.1
		MEDIAN	25.8	31.6	38.6	48.4	58.3	70.0	75.2	72.2	64.0	51.0	36.4	28.8	49.7
		LOWEST MEAN	13.2	18.5	32.9	42.6	51.2	63.7	71.6	67.7	58.4	45.5	28.0	11.7	11.7
		HIGHEST MEAN YEAR	1986	1999	1986	1981	1974	1990	1980	1983	1998	1974	1999	1980	1983
		LOWEST MEAN YEAR	1979	1978	1996	1983	1995	1982	1992	1992	1993	1976	1985	1983	1983
		MIN OBS TIME ADJUSTMENT	1.5	1.8	2.2	1.4	1.3	0.0	0.8	0.7	0.7	1.3	1.3	1.4	
		MAX OBS TIME ADJUSTMENT	0.3	0.4	0.4	0.4	0.4	0.3	0.1	0.0	0.0	0.0	0.1	0.3	
038	CASSODAY	HIGHEST MEAN	36.4	43.4	49.1	60.1	68.2	77.8	88.2	84.1	75.3	60.0	51.7	36.6	88.2
		MEDIAN	26.4	34.1	43.2	53.1	63.0	73.2	77.8	76.3	68.2	56.3	42.6	31.7	53.4
		LOWEST MEAN	11.8	19.6	36.0	45.5	57.2	67.1	74.6	69.5	60.2	50.8	35.1	14.6	11.8
		HIGHEST MEAN YEAR	1990	1976	1986	1981	1977	1980	1980	2000	1998	2000	1999	1991	1980
		LOWEST MEAN YEAR	1979	1979	1996	1983	1995	1992	1971	1992	1974	1976	1991	1983	1979
		MIN OBS TIME ADJUSTMENT	1.5	1.9	2.2	1.4	0.0	0.0	-0.1	0.6	0.6	1.2	1.2	1.2	
		MAX OBS TIME ADJUSTMENT	0.3	0.5	0.4	0.4	0.3	0.3	0.1	0.0	-0.1	0.0	0.0	0.1	
041	CEDAR BLUFF D	HIGHEST MEAN	37.7	41.6	47.6	59.9	67.7	78.8	85.9	83.9	75.1	59.4	48.9	37.2	85.9
		MEDIAN	28.0	34.2	41.5	52.0	62.4	73.1	78.2	76.2	68.0	55.8	41.5	33.2	53.3
		LOWEST MEAN	14.1	20.0	34.8	45.2	55.2	66.1	74.5	70.1	61.2	49.1	32.4	14.6	14.1
		HIGHEST MEAN YEAR	1986	1976	1986	1981	2000	1988	1980	1983	1998	1998	1999	1988	1980
		LOWEST MEAN YEAR	1979	1978	1975	1983	1995	1982	1971	1992	1974	1976	1985	1983	1979
		MIN OBS TIME ADJUSTMENT	1.5	1.8	2.2	1.4	0.0	0.0	-0.1	0.6	0.6	1.3	1.3	1.2	
		MAX OBS TIME ADJUSTMENT	0.3	0.4	0.4	0.4	0.4	0.3	0.1	0.0	-0.1	-0.1	0.1	0.2	
043	CENTRALIA	HIGHEST MEAN	36.4	41.5	48.1	61.0	68.7	76.3	83.8	83.0	73.3	59.9	50.6	35.4	83.8
		MEDIAN	25.4	32.8	42.8	53.0	63.1	72.2	76.7	74.9	66.8	56.1	40.5	30.5	52.7
		LOWEST MEAN	11.0	17.2	35.1	46.1	58.7	67.6	72.8	69.9	60.8	48.7	33.0	10.8	10.8
		HIGHEST MEAN YEAR	1990	1976	1986	1981	1998	1988	1980	1983	1998	2000	1999	1991	1980
		LOWEST MEAN YEAR	1979	1979	1975	1983	1995	1982	1971	1992	1974	1976	1985	1983	1983
		MIN OBS TIME ADJUSTMENT	-1.3	-1.1	-0.9	-0.9	-0.7	-0.5	-0.5	-0.7	-0.9	-1.1	-1.3	-1.2	
		MAX OBS TIME ADJUSTMENT	-1.4	-0.9	-1.6	-1.9	-1.0	-0.9	-0.8	-1.3	-1.3	-1.4	-1.0	-1.2	
045	CHANUTE JOHNS	HIGHEST MEAN	40.4	47.1	52.0	63.4	70.9	78.9	88.4	84.6	76.5	62.2	53.6	39.6	88.4
		MEDIAN	30.4	37.6	47.5	56.4	64.9	74.7	79.4	77.7	69.6	58.7	46.2	35.6	56.0
		LOWEST MEAN	17.2	24.3	39.8	49.2	60.9	69.9	74.9	71.4	62.0	52.2	38.1	19.5	17.2
		HIGHEST MEAN YEAR	1990	1976	1986	1981	1987	1980	1980	2000	1998	2000	1999	1982	1980
		LOWEST MEAN YEAR	1979	1979	1975	1983	1976	1982	1971	1992	1974	1976	1976	1983	1979
		MIN 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	
		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	
048	CIMARRON 4 S	HIGHEST MEAN	39.7	44.4	49.3	60.6	67.0	79.0	83.4	82.6	75.2	60.1	47.7	38.1	83.4
		MEDIAN	29.2	34.7	43.1	52.2	61.5	73.6	77.9	75.4	67.8	55.5	40.9	32.8	53.7
		LOWEST MEAN	16.2	21.8	36.5	45.2	55.4	65.9	74.9	70.8	60.6	51.2	34.4	18.1	16.2
		HIGHEST MEAN YEAR	1986	1976	1986	1981	1977	1981	1980	1983	1998	1979	1999	1975	1980
		LOWEST MEAN YEAR	1979	1978	1998	1983	1995	1982	1992	1992	1974	1976	1991	1983	1979
		MIN OBS TIME ADJUSTMENT	1.4	1.8	2.2	1.4	1.3	0.0	0.8	0.6	0.6	1.3	1.3	1.3	
		MAX OBS TIME ADJUSTMENT	0.3	0.5	0.4	0.4	0.4	0.3	0.1	0.0	0.0	0.0	0.1	0.2	
051	CLAY CENTER	HIGHEST MEAN	38.3	45.6	52.2	64.1	70.6	79.9	88.2	86.6	75.6	62.3	51.8	37.4	88.2
		MEDIAN	28.8	35.7	45.5	56.3	65.6	75.7	80.6	78.6	70.7	58.5	43.9	33.4	55.9
		LOWEST MEAN	14.8	21.0	38.0	49.1	60.2	70.7	76.5	73.1	64.5	53.6	35.7	14.0	14.0
		HIGHEST MEAN YEAR	1986	1976	1986	1981	1977	1988	1980	1983	1998	1973	1999	1988	1980
		LOWEST MEAN YEAR	1979	1979	1975	1983	1995	1992	1994	1992	1993	1976	1991	1983	1983
		MIN OBS TIME ADJUSTMENT	-1.3	-1.1	-1.0	-0.9	-0.7	-0.6	-0.5	-0.6	-1.0	-1.1	-1.3	-1.3	
		MAX OBS TIME ADJUSTMENT	-1.3	-0.9	-1.7	-1.9	-1.0	-0.9	-0.8	-1.3	-1.3	-1.4	-1.0	-1.3	
053	CLINTON LAKE	HIGHEST MEAN	37.0	41.8	48.4	59.8	69.6	76.7	87.0	84.4	73.5	60.7	51.7	36.2	87.0
		MEDIAN	25.7	33.0	43.4	52.9	62.5	72.8	77.9	75.8	67.7	56.3	42.4	31.9	53.2
		LOWEST MEAN	10.6	17.1	35.6	46.6	57.7	67.6	73.1	70.2	61.2	49.8	35.1	13.3	10.6
		HIGHEST MEAN YEAR	1990	1976	1991	1981	1998	1986	1980	1983	1998	1971	1999	1991	1980
		LOWEST MEAN YEAR	1979	1979	1978	1983	1995	1982	1971	1992	1974	1976	1976	1983	1979
		MIN OBS TIME ADJUSTMENT	1.5	1.0	1.3	0.0	-0.5	-0.4	-0.4	-0.3	-0.4	0.5	0.4	1.1	
		MAX OBS TIME ADJUSTMENT	0.3	0.4	0.4	0.4	0.3	0.3	0.1	0.0	-0.1	0.0	0.1	0.1	
054	COLBY 1 SW	HIGHEST MEAN	36.4	39.0	44.9	54.2	63.4	76.0	79.9	79.2	70.2	54.2	45.9	34.0	79.9
		MEDIAN	26.5	31.3	38.4	48.4	58.3	69.2	75.2	73.1	64.3	51.6	37.8	30.1	49.9
		LOWEST MEAN	13.9	16.1	32.3	42.2	51.9	62.8	71.0	67.8	58.7	45.9	29.1	12.2	12.2
		HIGHEST MEAN YEAR	1986	1999	1986	1981	1994	1988	1980	1983	1998	1979	1999	1980	1980
		LOWEST MEAN YEAR	1979	1978	1975	1983	1995	1982	1992	1992	1974	1976	1985	1983	1983
		MIN OBS TIME ADJUSTMENT	1.6	1.8	1.3	0.0	0.0	-0.5	-0.5	-0.3	-0.5	0.6	0.5	1.5	
		MAX OBS TIME ADJUSTMENT	0.4	0.4	0.4	0.4	0.4	0.3	0.1	0.0	0.0	0.0	0.1	0.3	



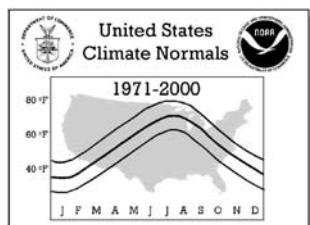
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## Monthly Normals of Temperature, Precipitation, and Heating and Cooling Degree Days 1971-2000

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			NORMALS STATISTICS												
No.	Station Name	Element	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
055	COLDWATER	HIGHEST MEAN	43.0	48.3	54.6	64.9	72.0	80.8	86.0	85.0	78.4	63.3	55.1	41.0	86.0
		MEDIAN	32.7	40.2	47.4	57.6	65.7	76.0	80.4	79.6	71.4	59.9	45.1	36.8	57.5
		LOWEST MEAN	18.3	24.4	40.7	47.6	60.4	69.2	78.1	74.1	64.2	53.9	39.1	18.1	18.1
		HIGHEST MEAN YEAR	1986	1999	1986	1981	1996	1994	1980	1983	1998	1979	1999	1988	1980
		LOWEST MEAN YEAR	1979	1978	1984	1983	1995	1982	1989	1992	1974	1976	1972	1983	1983
		MIN OBS TIME ADJUSTMENT	-1.3	-1.2	-1.1	-1.0	-0.7	-0.5	-0.5	-0.6	-0.9	-1.1	-1.3	-1.3	
		MAX OBS TIME ADJUSTMENT	-1.3	-0.9	-1.9	-2.0	-1.2	-0.9	-0.8	-1.2	-1.3	-1.4	-1.0	-1.5	
057	COLUMBUS 1 SW	HIGHEST MEAN	41.1	45.4	50.6	63.0	70.9	78.4	86.2	83.8	75.6	62.6	54.6	41.4	86.2
		MEDIAN	31.3	38.3	47.1	55.8	64.3	73.9	78.6	77.4	69.5	58.7	45.7	36.7	56.1
		LOWEST MEAN	17.6	24.4	40.0	48.8	60.2	68.7	74.9	72.0	61.8	52.3	37.1	20.2	17.6
		HIGHEST MEAN YEAR	1990	1976	1985	1981	1987	1994	1980	1983	1998	1973	1999	1984	1980
		LOWEST MEAN YEAR	1979	1978	1975	1983	1976	1982	1971	1992	1974	1976	1976	1983	1979
		MIN OBS TIME ADJUSTMENT	1.5	1.8	2.2	1.3	0.0	0.0	-0.1	0.5	0.4	0.4	1.2	1.2	
		MAX OBS TIME ADJUSTMENT	0.3	0.5	0.4	0.4	0.3	0.2	0.1	0.0	-0.1	-0.1	0.0	0.1	
058	CONCORDIA BLO	HIGHEST MEAN	37.2	42.2	49.7	60.7	68.2	79.1	85.2	84.5	73.1	60.3	50.1	36.8	85.2
		MEDIAN	26.8	33.0	43.3	52.7	62.4	73.5	79.1	76.4	68.4	55.6	41.1	31.4	53.6
		LOWEST MEAN	12.7	18.4	34.8	44.9	57.1	69.1	74.2	71.0	62.6	50.8	32.8	12.1	12.1
		HIGHEST MEAN YEAR	1989	1976	1986	1981	1988	1988	1980	1983	1998	2000	1999	1988	1980
		LOWEST MEAN YEAR	1979	1978	1975	1983	1995	1992	1994	1992	1993	1976	1985	1983	1983
		MIN 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	
		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	
060	COTTONWOOD FA	HIGHEST MEAN	37.5	44.2	49.0	62.1	69.0	78.1	89.1	85.3	75.8	61.2	52.8	37.5	89.1
		MEDIAN	27.6	34.7	44.1	54.1	64.1	74.1	78.6	77.6	68.7	56.9	43.2	32.5	54.2
		LOWEST MEAN	13.2	20.0	36.4	45.9	59.0	68.5	75.3	71.1	61.1	50.8	36.3	15.1	13.2
		HIGHEST MEAN YEAR	1990	1976	1986	1981	1998	1980	1980	2000	1998	2000	1999	1999	1980
		LOWEST MEAN YEAR	1979	1978	1996	1983	1995	1992	1971	1992	1974	1976	1976	1983	1979
		MIN OBS TIME ADJUSTMENT	1.5	1.8	2.2	1.4	0.0	0.0	-0.1	0.6	0.6	1.2	1.2	1.1	
		MAX OBS TIME ADJUSTMENT	0.3	0.5	0.4	0.4	0.3	0.3	0.1	0.0	-0.1	0.0	0.0	0.1	
061	COUNCIL GROVE	HIGHEST MEAN	36.6	42.8	48.2	62.0	69.0	77.7	89.3	84.6	74.3	60.2	51.2	35.9	89.3
		MEDIAN	26.2	33.2	44.0	53.8	63.4	73.8	78.4	76.9	68.1	56.0	42.6	32.2	53.5
		LOWEST MEAN	11.8	16.4	34.6	46.1	58.1	68.2	74.3	71.2	59.9	50.3	36.1	12.7	11.8
		HIGHEST MEAN YEAR	1990	1976	1986	1981	1998	1980	1980	2000	1998	1971	1999	1991	1980
		LOWEST MEAN YEAR	1979	1979	1975	1983	1995	1992	1971	1992	1974	1976	1976	1983	1979
		MIN OBS TIME ADJUSTMENT	1.5	1.0	1.3	0.0	-0.5	-0.4	-0.4	-0.3	-0.4	0.5	0.4	1.2	
		MAX OBS TIME ADJUSTMENT	0.3	0.5	0.4	0.4	0.3	0.3	0.1	0.0	-0.1	0.0	0.1	0.1	
066	DODGE CITY RG	HIGHEST MEAN	40.1	45.0	51.0	61.0	69.2	79.5	87.2	86.5	75.4	61.2	49.9	38.3	87.2
		MEDIAN	29.2	36.9	44.5	53.8	63.8	74.2	79.7	78.0	69.4	57.1	43.4	34.4	55.2
		LOWEST MEAN	14.8	21.3	38.1	46.9	57.6	68.0	75.5	71.9	63.4	50.9	35.5	18.4	14.8
		HIGHEST MEAN YEAR	1986	1976	1986	1981	1991	1977	1980	1983	1998	1973	1999	1980	1980
		LOWEST MEAN YEAR	1979	1978	1998	1973	1995	1989	1992	1992	1974	1976	1985	1983	1979
		MIN 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	
		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	
070	EL DORADO	HIGHEST MEAN	38.4	45.4	49.9	63.6	69.8	79.3	87.7	85.0	77.7	62.3	53.3	39.3	87.7
		MEDIAN	28.9	36.6	45.4	55.5	65.2	74.5	79.3	77.3	69.6	57.9	44.5	33.9	55.3
		LOWEST MEAN	14.8	22.2	38.8	47.9	60.5	70.0	77.0	72.1	61.5	52.3	38.1	17.3	14.8
		HIGHEST MEAN YEAR	1990	1999	1986	1981	1998	1980	1980	2000	1998	2000	1999	1999	1980
		LOWEST MEAN YEAR	1979	1978	1984	1983	1995	1982	1994	1992	1974	1976	1991	1983	1979
		MIN OBS TIME ADJUSTMENT	1.5	1.9	2.2	1.4	0.0	0.0	-0.1	0.6	0.6	1.2	1.2	1.2	
		MAX OBS TIME ADJUSTMENT	0.3	0.5	0.4	0.4	0.3	0.3	0.1	0.0	0.0	0.0	0.1	0.2	
072	ELKHART	HIGHEST MEAN	40.7	45.4	50.5	60.1	68.9	79.2	84.6	81.6	75.1	59.5	50.9	39.6	84.6
		MEDIAN	32.3	36.7	44.2	53.9	63.2	74.1	78.5	76.5	68.1	56.5	43.0	34.9	54.9
		LOWEST MEAN	19.4	22.4	38.4	46.7	58.0	68.1	75.9	72.1	63.0	50.9	35.2	20.7	19.4
		HIGHEST MEAN YEAR	1986	2000	1986	1981	1974	1977	1980	1983	1998	1998	1999	1994	1980
		LOWEST MEAN YEAR	1979	1978	1998	1997	1995	1989	1972	1992	1974	1976	1972	1983	1979
		MIN OBS TIME ADJUSTMENT	1.5	1.9	1.4	0.0	0.0	-0.4	-0.1	-0.3	-0.5	0.6	0.5	1.4	
		MAX OBS TIME ADJUSTMENT	0.4	0.4	0.4	0.4	0.3	0.3	0.1	0.0	0.0	0.0	0.1	0.2	
074	ELLSWORTH	HIGHEST MEAN	35.1	41.4	49.1	60.1	67.8	78.2	86.4	83.9	74.2	59.3	49.3	35.3	86.4
		MEDIAN	26.4	32.8	42.1	52.4	63.0	74.0	78.5	76.4	67.9	55.5	40.6	31.0	53.0
		LOWEST MEAN	10.5	18.2	34.5	45.2	56.8	67.9	75.0	69.8	61.6	49.6	32.2	13.0	10.5
		HIGHEST MEAN YEAR	1992	1976	1986	1981	1977	1980	1980	1983	1998	2000	1999	1999	1980
		LOWEST MEAN YEAR	1979	1978	1975	1983	1995	1992	1994	1992	1974	1976	1985	1983	1979
		MIN OBS TIME ADJUSTMENT	1.5	1.9	2.2	1.4	0.0	0.0	-0.1	0.6	0.6	1.2	1.2	1.2	
		MAX OBS TIME ADJUSTMENT	0.3	0.5	0.4	0.4	0.4	0.3	0.1	0.0	-0.1	-0.1	0.0	0.2	
078	EMPORIA 3 NW	HIGHEST MEAN	38.1	43.3	48.3	62.1	69.5	77.2	86.2	85.5	74.6	61.3	52.2	37.2	86.2
		MEDIAN	27.3	34.4	44.3	53.4	63.3	74.2	78.3	76.7	68.6	57.2	43.3	33.6	54.3
		LOWEST MEAN	13.1	20.0	36.7	46.8	58.6	68.6	74.0	71.4	61.1	51.5	36.4	16.9	13.1
		HIGHEST MEAN YEAR	1990	1976	1986	1981	1987	1980	1980	2000	1998	1973	1999	1991	1980
		LOWEST MEAN YEAR	1979	1979	1975	1983	1995	1985	1971	1992	1974	1976	1976	1983	1979
		MIN OBS TIME ADJUSTMENT	1.5	1.8	2.1	1.4	0.0	0.0	-0.1	0.6	0.5	1.2	1.2	1.1	
		MAX OBS TIME ADJUSTMENT	0.4	0.5	0.4	0.4	0.3	0.3	0.1	0.0	-0.1	-0.1	0.0	0.2	



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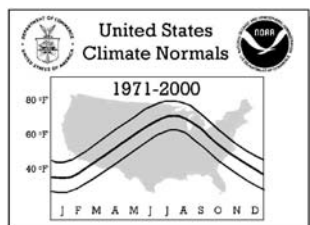
## Monthly Normals of Temperature, Precipitation, and Heating and Cooling Degree Days 1971-2000

### KANSAS

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			NORMALS STATISTICS												
No.	Station Name	Element	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
081	ESKRIDGE	HIGHEST MEAN	36.0	41.8	46.8	61.4	68.5	76.4	87.2	83.0	72.6	60.3	50.5	35.0	87.2
		MEDIAN	25.6	32.6	42.7	52.4	62.4	72.1	77.1	75.0	67.2	56.0	41.3	31.4	52.9
		LOWEST MEAN	12.0	17.8	35.3	44.1	57.2	67.1	73.6	69.0	61.2	50.1	35.0	12.7	12.0
		HIGHEST MEAN YEAR	1989	1976	1986	1981	1977	1988	1980	1983	1998	1973	1999	1991	1980
		LOWEST MEAN YEAR	1979	1979	1984	1983	1995	1992	1992	1992	1974	1976	1985	1983	1979
		MIN OBS TIME ADJUSTMENT	1.5	1.8	2.1	1.4	0.0	0.0	-0.1	0.6	0.6	1.2	1.2	1.1	
		MAX OBS TIME ADJUSTMENT	0.3	0.5	0.4	0.4	0.3	0.3	0.1	0.0	-0.1	-0.1	0.0	0.1	
082	EUREKA	HIGHEST MEAN	38.5	45.9	49.2	63.3	69.9	79.2	90.0	85.1	76.5	61.5	53.2	37.9	90.0
		MEDIAN	28.8	35.8	45.8	55.1	65.2	74.8	79.5	77.6	69.8	57.8	44.4	34.4	55.5
		LOWEST MEAN	15.1	22.3	38.4	48.3	61.0	70.1	77.2	71.5	62.3	52.1	38.0	17.1	15.1
		HIGHEST MEAN YEAR	1990	1976	1986	1981	1991	1980	1980	2000	1998	2000	1999	1991	1980
		LOWEST MEAN YEAR	1979	1978	1996	1983	1995	1982	1971	1992	1974	1976	1985	1983	1979
		MIN OBS TIME ADJUSTMENT	1.5	1.9	2.2	1.4	0.0	0.0	-0.1	0.5	0.5	1.1	1.2	1.1	
		MAX OBS TIME ADJUSTMENT	0.3	0.5	0.4	0.4	0.3	0.3	0.1	0.0	-0.1	-0.1	0.0	0.1	
084	FALL RIVER LA	HIGHEST MEAN	40.5	46.2	50.9	61.6	70.2	77.4	86.6	84.1	76.7	61.9	53.5	39.8	86.6
		MEDIAN	29.2	35.6	46.0	56.0	64.3	73.7	78.9	77.6	69.5	58.6	45.3	34.8	55.5
		LOWEST MEAN	16.4	22.9	38.9	48.6	60.2	67.6	75.3	71.1	62.2	52.1	38.7	18.9	16.4
		HIGHEST MEAN YEAR	1990	1976	1986	1981	1998	1994	1980	1983	1998	1973	1999	1984	1980
		LOWEST MEAN YEAR	1979	1978	1975	1983	1995	1982	1972	1992	1974	1976	1991	1983	1979
		MIN OBS TIME ADJUSTMENT	1.5	1.0	1.4	0.0	-0.5	-0.4	-0.4	-0.3	-0.4	0.5	0.4	1.2	
		MAX OBS TIME ADJUSTMENT	0.3	0.5	0.4	0.4	0.3	0.2	0.1	0.0	-0.1	0.0	0.1	0.1	
085	FLORENCE	HIGHEST MEAN	39.8	47.3	52.8	63.7	70.8	80.3	89.5	85.9	76.7	61.8	52.7	38.4	89.5
		MEDIAN	29.8	37.5	47.1	56.5	64.8	75.2	79.5	78.6	69.9	58.8	44.8	34.5	55.9
		LOWEST MEAN	15.5	22.8	39.3	49.6	59.9	69.2	76.2	72.2	61.5	53.0	38.2	17.6	15.5
		HIGHEST MEAN YEAR	1986	1976	1986	1981	1977	1980	1980	2000	1998	2000	1999	1988	1980
		LOWEST MEAN YEAR	1979	1978	1996	1983	1995	1992	1971	1992	1974	1976	1976	1983	1979
		MIN OBS TIME ADJUSTMENT	-1.3	-1.2	-1.1	-1.0	-0.7	-0.5	-0.5	-0.6	-0.9	-1.1	-1.3	-1.3	
		MAX OBS TIME ADJUSTMENT	-1.4	-0.9	-1.8	-2.0	-1.1	-0.9	-0.8	-1.2	-1.3	-1.4	-1.0	-1.3	
086	FORT SCOTT	HIGHEST MEAN	40.3	47.4	50.6	64.7	71.2	78.4	88.4	85.1	76.2	64.3	54.9	39.3	88.4
		MEDIAN	29.2	37.0	46.9	55.7	65.0	74.6	79.6	77.6	69.5	58.4	44.9	35.4	56.1
		LOWEST MEAN	15.4	22.9	39.1	47.6	60.7	70.5	76.2	71.3	63.0	52.8	37.5	17.9	15.4
		HIGHEST MEAN YEAR	1990	1976	1973	1981	1998	1991	1980	2000	1998	1971	1999	1991	1980
		LOWEST MEAN YEAR	1979	1978	1975	1983	1995	1992	1971	1992	1974	1976	1976	1983	1979
		MIN OBS TIME ADJUSTMENT	1.5	1.9	2.2	1.4	0.0	0.0	-0.1	0.5	0.5	0.5	1.2	1.2	
		MAX OBS TIME ADJUSTMENT	0.3	0.5	0.4	0.4	0.3	0.3	0.1	0.0	-0.1	-0.1	0.0	0.1	
090	FREDONIA	HIGHEST MEAN	39.1	46.7	50.1	63.9	69.7	79.2	85.7	84.7	75.3	61.3	51.9	39.0	85.7
		MEDIAN	29.7	37.2	46.4	55.2	64.9	74.2	79.0	77.3	69.9	57.9	45.1	34.8	55.7
		LOWEST MEAN	16.9	23.5	39.6	49.3	60.5	69.5	74.5	70.7	61.3	51.8	38.1	18.2	16.9
		HIGHEST MEAN YEAR	1990	1976	1986	1981	1998	1994	1980	1983	1998	2000	1999	1982	1980
		LOWEST MEAN YEAR	1979	1978	1996	1983	1976	1992	1989	1992	1974	1976	1976	1983	1979
		MIN OBS TIME ADJUSTMENT	1.6	1.0	1.4	0.0	-0.5	-0.4	-0.4	-0.2	-0.4	0.5	0.4	1.2	
		MAX OBS TIME ADJUSTMENT	0.4	0.5	0.4	0.4	0.3	0.2	0.1	0.0	-0.1	0.0	0.1	0.2	
092	GARDEN CITY 9	HIGHEST MEAN	39.4	43.8	50.3	60.5	67.7	77.7	84.0	84.4	74.4	60.0	49.4	37.3	84.4
		MEDIAN	29.1	35.8	43.5	53.2	63.1	74.1	78.8	77.0	68.2	56.0	41.7	33.0	54.1
		LOWEST MEAN	12.9	20.5	36.6	46.8	56.9	66.5	74.8	70.5	63.3	49.1	34.4	17.2	12.9
		HIGHEST MEAN YEAR	1986	1976	1972	1981	1974	1994	1980	1983	1998	1974	1999	1975	1983
		LOWEST MEAN YEAR	1979	1978	1980	1983	1995	1989	1992	1992	1974	1976	1985	1983	1979
		MIN 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	
		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	
093	GARDEN CITY E	HIGHEST MEAN	39.0	41.1	48.8	60.4	65.9	76.9	83.8	81.9	73.2	59.0	48.2	36.5	83.8
		MEDIAN	28.8	34.3	42.3	52.2	62.1	72.9	77.5	75.7	67.1	54.9	41.0	32.8	53.1
		LOWEST MEAN	15.3	21.0	36.2	46.3	55.0	66.8	74.4	70.9	60.5	48.7	33.8	17.2	15.3
		HIGHEST MEAN YEAR	1986	1976	1986	1981	1977	1994	1980	1983	1998	1979	1999	1999	1980
		LOWEST MEAN YEAR	1979	1978	1996	1997	1995	1989	1992	1992	1974	1976	1991	1983	1979
		MIN OBS TIME ADJUSTMENT	1.5	1.9	1.3	0.0	0.0	-0.5	-0.1	-0.3	-0.5	0.6	0.5	1.5	
		MAX OBS TIME ADJUSTMENT	0.3	0.5	0.4	0.4	0.4	0.3	0.1	0.0	0.0	0.0	0.1	0.2	
094	GARNETT 1 E	HIGHEST MEAN	41.2	47.5	51.2	64.9	71.8	78.6	88.0	85.4	77.2	64.6	53.7	39.2	88.0
		MEDIAN	30.8	37.2	48.0	56.2	65.2	75.0	79.5	78.0	70.5	59.2	45.9	35.4	56.8
		LOWEST MEAN	16.5	24.0	40.3	49.2	61.3	69.4	75.9	71.8	63.9	54.5	39.7	19.0	16.5
		HIGHEST MEAN YEAR	1990	1976	1986	1981	1998	1980	1980	2000	1978	1971	1999	1982	1980
		LOWEST MEAN YEAR	1979	1979	1984	1983	1995	1982	1994	1992	1974	1976	2000	1983	1979
		MIN OBS TIME ADJUSTMENT	-1.3	-1.2	-1.0	-0.9	-0.6	-0.5	-0.4	-0.6	-0.8	-0.9	-1.3	-1.2	
		MAX OBS TIME ADJUSTMENT	-1.4	-0.9	-1.8	-1.9	-0.9	-0.8	-0.7	-1.2	-1.2	-0.8	-1.0	-1.2	
096	GIRARD	HIGHEST MEAN	40.8	46.8	51.4	61.4	71.4	79.3	87.7	84.8	77.5	64.6	55.1	42.0	87.7
		MEDIAN	31.7	37.5	47.4	56.6	65.8	75.5	79.7	78.5	69.9	59.3	45.3	36.5	56.8
		LOWEST MEAN	20.6	25.4	39.6	47.7	61.4	70.4	76.5	73.1	63.2	53.3	38.6	18.0	18.0
		HIGHEST MEAN YEAR	1990	1976	1973	1981	1987	1980	1980	2000	1998	1971	1999	1971	1980
		LOWEST MEAN YEAR	1977	1978	1984	1983	1983	1982	1971	1992	1974	1976	1976	1983	1983
		MIN OBS TIME ADJUSTMENT	1.5	1.9	2.2	1.4	0.0	0.0	-0.1	0.5	0.5	0.5	1.2	1.2	
		MAX OBS TIME ADJUSTMENT	0.3	0.5	0.4	0.4	0.3	0.3	0.1	0.0	-0.1	0.0	0.1	0.1	

			NORMALS STATISTICS												
No.	Station Name	Element	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
097	GLEN ELDER LA	HIGHEST MEAN	35.6	41.3	47.7	61.0	68.7	79.1	85.9	86.1	73.4	59.0	49.0	35.8	86.1
		MEDIAN	25.2	32.4	41.7	51.4	62.1	73.0	79.0	76.3	68.3	55.5	41.1	30.9	52.9
		LOWEST MEAN	11.9	17.4	33.7	45.4	55.9	67.2	74.5	70.6	62.2	50.4	32.5	11.8	11.8
		HIGHEST MEAN YEAR	1992	1999	1986	1981	1977	1988	1980	1983	1998	2000	1999	1988	1983
		LOWEST MEAN YEAR	1979	1979	1996	1983	1995	1982	1992	1992	1993	1976	1985	1983	1983
		MIN OBS TIME ADJUSTMENT	1.5	1.0	1.3	0.0	-0.5	-0.4	-0.5	-0.3	-0.5	0.5	0.4	1.2	
		MAX OBS TIME ADJUSTMENT	0.3	0.5	0.4	0.4	0.4	0.3	0.1	0.0	0.0	0.0	0.1	0.2	
099	GOODLAND RENN	HIGHEST MEAN	38.2	39.4	46.0	55.5	62.6	74.6	79.2	82.3	69.4	55.4	46.4	35.8	82.3
		MEDIAN	27.7	33.1	39.9	49.4	58.7	69.3	75.1	73.2	63.9	52.0	37.3	30.9	50.6
		LOWEST MEAN	16.8	19.2	34.6	42.6	52.0	64.7	70.9	68.0	58.9	45.5	30.3	13.9	13.9
		HIGHEST MEAN YEAR	1986	1976	1986	1981	2000	1988	1980	1983	1998	1975	1999	1980	1983
		LOWEST MEAN YEAR	1979	1978	1975	1984	1995	1982	1992	1974	1993	1976	1985	1983	1983
		MIN 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	
		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	
101	GREAT BEND	HIGHEST MEAN	40.8	45.4	53.0	64.3	71.0	80.1	86.6	85.1	76.8	61.6	52.1	39.3	86.6
		MEDIAN	30.4	37.1	45.3	56.3	65.2	76.0	80.2	78.6	70.7	58.9	43.8	34.3	56.0
		LOWEST MEAN	14.2	22.9	38.1	48.6	58.9	69.9	77.3	72.2	63.4	52.8	35.3	16.8	14.2
		HIGHEST MEAN YEAR	1986	1999	1986	1981	1998	1994	1980	1983	1998	1975	1999	1988	1980
		LOWEST MEAN YEAR	1979	1978	1975	1983	1995	1992	1972	1992	1974	1976	1985	1983	1979
		MIN OBS TIME ADJUSTMENT	-1.4	-1.3	-1.1	-1.0	-0.7	-0.6	-0.5	-0.6	-1.0	-1.2	-1.5	-1.4	
		MAX OBS TIME ADJUSTMENT	-2.1	-1.6	-2.6	-2.6	-1.8	-1.4	-1.2	-1.6	-2.1	-2.2	-1.6	-2.1	
102	GREENSBURG	HIGHEST MEAN	38.8	42.6	51.1	62.4	68.2	79.5	85.5	83.7	76.0	59.9	50.0	36.8	85.5
		MEDIAN	29.0	35.6	43.1	52.8	63.2	74.2	78.9	77.3	68.5	56.8	41.9	32.8	54.2
		LOWEST MEAN	13.7	19.3	36.7	45.4	56.2	67.7	76.0	71.3	62.1	50.2	34.7	16.3	13.7
		HIGHEST MEAN YEAR	1986	1976	1986	1981	1974	1990	1980	1983	1998	1979	1999	1999	1980
		LOWEST MEAN YEAR	1979	1978	1998	1983	1995	1992	1994	1992	1974	1976	1991	1983	1979
		MIN OBS TIME ADJUSTMENT	1.4	1.9	2.3	1.5	0.0	0.0	-0.1	0.5	0.6	1.2	1.2	1.2	
		MAX OBS TIME ADJUSTMENT	0.3	0.5	0.4	0.4	0.4	0.3	0.1	0.0	-0.1	0.0	0.1	0.2	
109	HAYS 1 S	HIGHEST MEAN	36.6	41.2	48.8	60.9	67.8	79.7	86.7	84.7	74.6	58.8	48.6	35.9	86.7
		MEDIAN	27.2	33.9	42.0	52.6	63.1	73.8	78.6	76.8	68.1	55.5	40.7	31.7	53.2
		LOWEST MEAN	13.5	19.7	34.9	46.1	56.5	67.3	74.9	70.2	61.3	48.8	32.1	13.4	13.4
		HIGHEST MEAN YEAR	1986	1999	1986	1981	1998	1988	1980	1983	1998	1998	1999	1999	1980
		LOWEST MEAN YEAR	1979	1978	1975	1983	1995	1982	1992	1992	1974	1976	1985	1983	1983
		MIN OBS TIME ADJUSTMENT	1.5	1.0	1.4	0.0	-0.5	-0.4	-0.5	-0.3	-0.5	0.5	0.5	1.3	
		MAX OBS TIME ADJUSTMENT	0.4	0.4	0.4	0.4	0.4	0.3	0.1	0.0	0.0	0.0	0.1	0.2	
110	HEALY	HIGHEST MEAN	39.3	41.4	48.8	58.4	65.5	77.1	82.2	81.6	72.8	57.5	49.0	37.4	82.2
		MEDIAN	28.1	33.7	41.2	51.3	61.1	73.1	78.0	75.8	66.9	54.4	39.5	31.7	52.4
		LOWEST MEAN	13.4	20.0	35.2	45.3	54.4	66.6	74.0	70.1	61.2	46.6	31.3	15.1	13.4
		HIGHEST MEAN YEAR	1986	1999	1986	1981	1998	1977	1980	1983	1998	2000	1999	1999	1980
		LOWEST MEAN YEAR	1979	1978	1980	1984	1995	1982	1992	1992	1974	1976	1985	1983	1979
		MIN OBS TIME ADJUSTMENT	1.5	1.8	2.2	1.4	1.3	0.0	0.7	0.6	0.7	1.3	1.3	1.3	
		MAX OBS TIME ADJUSTMENT	0.3	0.5	0.4	0.4	0.4	0.3	0.1	0.0	-0.1	0.0	0.1	0.2	
111	HERINGTON	HIGHEST MEAN	36.4	43.7	48.8	61.8	68.9	77.7	87.7	85.3	75.1	60.2	50.9	35.3	87.7
		MEDIAN	26.7	33.6	43.3	53.1	62.9	74.0	78.4	77.2	68.8	56.0	42.5	31.9	53.7
		LOWEST MEAN	11.8	19.8	36.0	45.9	57.4	68.5	75.0	72.3	61.4	51.2	32.4	13.6	11.8
		HIGHEST MEAN YEAR	1990	1976	1986	1981	1977	1980	1980	2000	1998	2000	1999	1991	1980
		LOWEST MEAN YEAR	1979	1979	1984	1983	1995	1992	1971	1992	1974	1976	1991	1983	1979
		MIN OBS TIME ADJUSTMENT	1.6	1.0	1.3	0.0	-0.5	-0.4	-0.4	-0.3	-0.4	0.5	0.4	1.2	
		MAX OBS TIME ADJUSTMENT	0.4	0.5	0.4	0.4	0.3	0.3	0.1	0.0	0.0	0.0	0.1	0.2	
113	HILL CITY 1 E	HIGHEST MEAN	38.4	40.4	48.2	58.5	65.8	78.3	83.7	82.5	72.6	57.0	46.6	36.2	83.7
		MEDIAN	26.9	33.3	40.5	51.4	60.9	71.9	77.8	75.3	66.1	54.3	39.8	31.4	52.2
		LOWEST MEAN	13.4	19.1	34.3	44.6	54.1	65.4	73.9	70.0	61.2	48.1	31.6	12.9	12.9
		HIGHEST MEAN YEAR	1986	1991	1986	1981	1998	1988	1980	1983	1998	1974	1999	1979	1980
		LOWEST MEAN YEAR	1979	1978	1996	1983	1995	1982	1992	1992	1993	1976	1985	1983	1983
		MIN OBS TIME ADJUSTMENT	1.5	1.7	2.1	1.4	0.0	0.0	-0.1	0.6	0.7	1.3	1.3	1.3	
		MAX OBS TIME ADJUSTMENT	0.4	0.4	0.4	0.4	0.4	0.3	0.1	0.0	-0.1	0.0	0.1	0.2	
115	HILLSDALE LAK	HIGHEST MEAN	38.7	43.6	49.4	62.5	70.0	77.1	86.6	84.7	74.9	62.7	53.0	37.5	86.6
		MEDIAN	27.2	34.6	45.6	54.1	63.9	73.5	78.4	76.6	68.7	57.7	43.9	34.0	54.8
		LOWEST MEAN	13.4	19.9	37.3	46.9	58.7	69.2	74.5	70.6	62.2	51.9	36.4	15.2	13.4
		HIGHEST MEAN YEAR	1990	1976	1986	1981	1987	1988	1980	2000	1998	1971	1999	1991	1980
		LOWEST MEAN YEAR	1979	1978	1996	1983	1995	1982	1971	1992	1974	1976	1976	1983	1979
		MIN OBS TIME ADJUSTMENT	1.6	1.0	1.3	0.0	-0.4	-0.4	-0.4	-0.3	-0.4	-0.5	0.4	1.1	
		MAX OBS TIME ADJUSTMENT	0.4	0.4	0.4	0.4	0.3	0.2	0.1	0.0	-0.1	-0.1	0.1	0.1	
116	HOLTON	HIGHEST MEAN	36.5	41.9	48.8	61.3	68.7	76.8	86.5	83.0	73.5	61.5	50.1	35.6	86.5
		MEDIAN	25.0	32.7	42.2	52.2	63.3	73.0	77.7	75.8	68.0	56.1	42.0	30.9	52.9
		LOWEST MEAN	12.6	16.0	33.7	45.9	58.5	68.1	73.8	69.8	61.5	50.5	35.1	12.8	12.6
		HIGHEST MEAN YEAR	1990	1976	1986	1981	1998	1980	1980	1983	1978	1971	1999	1979	1980
		LOWEST MEAN YEAR	1979	1978	1978	1983	1995	1992	1971	1992	1993	1976	1991	1983	1979
		MIN OBS TIME ADJUSTMENT	1.5	1.8	2.0	1.4	0.0	0.0	-0.1	0.6	0.6	1.2	1.2	1.1	
		MAX OBS TIME ADJUSTMENT	0.3	0.5	0.4	0.4	0.3	0.3	0.1	0.0	-0.1	0.0	0.0	0.1	



# CLIMATOGRAPHY OF THE UNITED STATES NO. 81

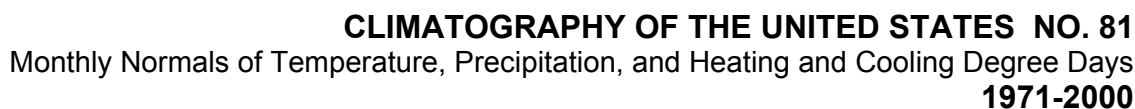
## Monthly Normals of Temperature, Precipitation, and Heating and Cooling Degree Days 1971-2000

### KANSAS

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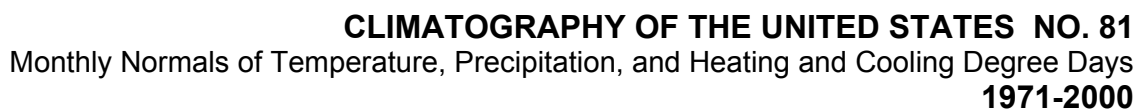
			NORMALS STATISTICS												
No.	Station Name	Element	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
117	HORTON	HIGHEST MEAN	37.2	43.0	49.5	62.8	70.1	78.0	85.4	84.4	74.4	62.6	50.4	35.9	85.4
		MEDIAN	26.7	33.9	45.0	54.3	64.3	73.7	78.5	76.5	68.5	57.4	43.0	32.6	54.4
		LOWEST MEAN	12.8	19.1	36.5	47.9	59.7	68.7	74.7	71.6	63.6	50.9	35.5	12.7	12.7
		HIGHEST MEAN YEAR	1990	1976	1986	1981	1998	1986	1980	1983	1998	1971	1999	1979	1980
		LOWEST MEAN YEAR	1979	1979	1984	1983	1997	1982	1971	1992	1993	1976	1976	1983	1983
		MIN OBS TIME ADJUSTMENT	-1.3	-1.1	-1.0	-0.9	-0.6	-0.5	-0.5	-0.7	-0.9	-1.0	-1.3	-1.2	
		MAX OBS TIME ADJUSTMENT	-1.4	-0.9	-1.7	-1.9	-1.0	-0.9	-0.8	-1.3	-1.2	-1.4	-1.0	-1.2	
118	HOWARD 5 NE	HIGHEST MEAN	39.6	46.2	50.0	63.4	69.9	78.7	88.1	84.7	77.4	61.7	52.8	38.3	88.1
		MEDIAN	29.8	36.9	46.1	55.4	64.8	74.7	79.3	78.0	69.8	58.5	45.5	34.9	55.8
		LOWEST MEAN	16.3	22.9	39.3	48.0	60.6	69.9	75.8	71.9	61.8	52.3	38.5	18.5	16.3
		HIGHEST MEAN YEAR	1990	1976	1986	1981	1987	1980	1980	2000	1998	1973	1999	1991	1980
		LOWEST MEAN YEAR	1979	1978	1984	1983	1995	1982	1972	1992	1974	1976	1976	1983	1979
		MIN OBS TIME ADJUSTMENT	1.5	1.9	2.2	1.4	0.0	0.0	-0.1	0.5	0.5	1.1	1.2	1.2	
		MAX OBS TIME ADJUSTMENT	0.3	0.5	0.4	0.4	0.3	0.3	0.1	0.0	-0.1	-0.1	0.0	0.1	
119	HOXIE	HIGHEST MEAN	38.3	39.8	47.9	57.6	65.8	77.7	83.4	83.5	71.0	57.7	47.5	36.5	83.5
		MEDIAN	27.3	33.1	40.5	50.9	61.0	71.5	77.6	74.7	66.4	53.4	39.0	31.0	51.8
		LOWEST MEAN	15.1	19.5	32.9	44.6	51.6	65.8	71.6	68.1	59.2	48.4	30.6	13.7	13.7
		HIGHEST MEAN YEAR	1986	1999	1986	1981	1974	1988	1980	1983	1983	1974	1999	1980	1983
		LOWEST MEAN YEAR	1979	1978	1996	1997	1995	1982	1993	1992	1993	1976	1985	1983	1983
		MIN OBS TIME ADJUSTMENT	1.5	1.8	2.2	1.4	0.0	0.0	-0.1	0.7	0.7	1.3	1.3	1.3	
		MAX OBS TIME ADJUSTMENT	0.3	0.5	0.4	0.4	0.4	0.3	0.1	0.0	0.0	0.0	0.1	0.2	
121	HUDSON	HIGHEST MEAN	41.0	46.0	52.7	65.0	70.5	81.0	88.4	85.7	77.6	63.4	52.1	40.7	88.4
		MEDIAN	31.4	37.6	46.4	56.7	65.4	76.6	81.2	79.9	71.5	59.3	44.3	35.1	56.7
		LOWEST MEAN	16.0	21.5	39.7	47.7	60.1	70.9	78.3	73.2	64.1	53.7	37.4	17.5	16.0
		HIGHEST MEAN YEAR	1986	1976	1986	1981	1991	1994	1980	1983	1998	1979	1999	1988	1980
		LOWEST MEAN YEAR	1979	1978	1998	1983	1995	1982	1972	1992	1974	1976	1985	1983	1979
		MIN OBS TIME ADJUSTMENT	-1.4	-1.3	-1.2	-1.0	-0.7	-0.6	-0.5	-0.6	-1.0	-1.2	-1.5	-1.4	
		MAX OBS TIME ADJUSTMENT	-2.1	-1.6	-2.6	-2.6	-1.8	-1.4	-1.2	-1.6	-2.0	-2.1	-1.6	-2.2	
122	HUGOTON	HIGHEST MEAN	41.3	43.6	51.4	60.5	69.3	79.1	84.1	81.4	74.5	58.9	49.8	38.6	84.1
		MEDIAN	31.9	37.0	43.4	54.1	62.8	74.1	78.4	76.5	67.4	56.2	42.6	34.3	54.4
		LOWEST MEAN	18.2	23.4	38.8	47.5	57.2	67.4	75.6	70.5	60.9	51.7	34.7	21.4	18.2
		HIGHEST MEAN YEAR	1986	2000	1986	1981	1998	1994	1980	1983	1998	1979	1999	1994	1980
		LOWEST MEAN YEAR	1979	1978	1998	1997	1995	1989	1992	1992	1974	1976	1972	1983	1979
		MIN OBS TIME ADJUSTMENT	1.5	1.8	2.2	1.4	1.3	0.0	0.7	0.5	0.6	1.3	1.3	1.3	
		MAX OBS TIME ADJUSTMENT	0.3	0.4	0.4	0.4	0.4	0.3	0.1	0.0	0.0	0.0	0.1	0.2	
124	HUTCHINSON 10	HIGHEST MEAN	37.4	44.6	50.0	62.6	68.0	80.3	87.3	84.9	77.2	61.1	51.6	37.2	87.3
		MEDIAN	28.9	34.8	44.3	53.5	63.5	74.7	79.6	78.5	69.5	57.1	42.6	33.0	54.6
		LOWEST MEAN	13.9	20.3	37.9	46.6	57.0	69.1	75.3	72.5	61.6	50.9	36.4	17.0	13.9
		HIGHEST MEAN YEAR	1986	1976	1986	1981	1998	1990	1980	2000	1998	1979	1999	1991	1980
		LOWEST MEAN YEAR	1979	1978	1975	1983	1995	1982	1994	1992	1974	1976	1991	1983	1979
		MIN OBS TIME ADJUSTMENT	1.5	1.0	1.4	0.0	-0.5	-0.4	-0.4	-0.3	-0.5	0.5	0.5	1.3	
		MAX OBS TIME ADJUSTMENT	0.4	0.5	0.4	0.4	0.3	0.3	0.1	0.0	0.0	0.0	0.1	0.2	
125	INDEPENDENCE	HIGHEST MEAN	41.6	48.1	51.0	63.8	71.6	79.7	88.0	84.9	78.3	63.7	55.3	40.9	88.0
		MEDIAN	31.6	38.2	47.9	56.9	65.8	75.3	79.9	79.0	71.1	59.6	46.0	36.5	57.3
		LOWEST MEAN	17.4	23.8	40.3	47.5	61.7	69.8	76.7	73.8	61.7	53.1	39.4	19.2	17.4
		HIGHEST MEAN YEAR	1990	1976	1986	1981	1987	1994	1980	1983	1998	1973	1999	1971	1980
		LOWEST MEAN YEAR	1979	1979	1984	1983	1983	1982	1972	1992	1974	1976	1976	1983	1979
		MIN OBS TIME ADJUSTMENT	1.5	1.8	2.3	1.3	0.0	0.0	-0.1	0.5	0.4	1.0	1.2	1.1	
		MAX OBS TIME ADJUSTMENT	0.3	0.5	0.4	0.4	0.3	0.2	0.1	0.0	-0.1	-0.1	0.0	0.1	
127	IOLA 1 W	HIGHEST MEAN	39.5	46.0	49.6	62.9	70.4	79.1	88.3	83.9	75.2	62.9	53.0	40.4	88.3
		MEDIAN	29.0	36.2	46.0	55.3	65.3	75.0	79.1	77.1	69.5	58.7	45.7	34.7	55.8
		LOWEST MEAN	16.0	23.1	39.2	48.0	60.7	70.3	76.5	71.1	62.2	52.9	38.1	18.0	16.0
		HIGHEST MEAN YEAR	1990	1976	1986	1981	1987	1980	1980	1983	1978	1971	1999	1982	1980
		LOWEST MEAN YEAR	1979	1978	1984	1983	1997	1992	1971	1992	1974	1976	1976	1983	1979
		MIN OBS TIME ADJUSTMENT	1.5	1.8	2.2	1.4	0.0	0.0	-0.1	0.5	0.5	0.5	1.2	1.1	
		MAX OBS TIME ADJUSTMENT	0.3	0.5	0.4	0.4	0.3	0.3	0.1	0.0	-0.1	0.0	0.0	0.1	
130	JETMORE 8 NNW	HIGHEST MEAN	37.7	40.5	47.9	58.8	67.3	77.1	83.6	82.3	74.0	58.4	49.1	35.7	83.6
		MEDIAN	27.3	33.5	41.3	51.0	61.4	72.3	77.5	75.9	67.0	55.1	40.4	32.3	52.5
		LOWEST MEAN	13.6	19.5	35.5	44.4	54.5	66.2	74.4	70.3	61.1	48.8	33.6	14.8	13.6
		HIGHEST MEAN YEAR	1986	1976	1986	1981	1998	1994	1980	2000	1998	2000	1999	1999	1980
		LOWEST MEAN YEAR	1979	1978	1996	1983	1995	1982	1972	1992	1974	1976	1985	1983	1979
		MIN OBS TIME ADJUSTMENT	1.5	1.7	2.2	1.5	0.0	0.0	-0.1	0.6	0.6	1.3	1.3	1.2	
		MAX OBS TIME ADJUSTMENT	0.3	0.4	0.4	0.4	0.4	0.3	0.1	0.0	-0.1	0.0	0.1	0.2	
132	JOHN REDMOND	HIGHEST MEAN	37.5	43.2	48.5	61.1	69.9	78.0	87.0	84.2	74.2	61.0	51.0	36.9	87.0
		MEDIAN	26.7	33.9	44.9	53.9	63.6	73.2	77.9	76.6	68.4	56.8	43.3	33.4	54.2
		LOWEST MEAN	12.5	18.2	36.3	47.5	58.5	68.4	74.0	70.2	61.2	50.0	36.8	16.0	12.5
		HIGHEST MEAN YEAR	1990	1976	1986	1981	1998	1980	1980	1983	1998	1971	1999	1991	1980
		LOWEST MEAN YEAR	1979	1978	1975	1983	1976	1982	1972	1992	1974	1976	1976	1983	1979
		MIN OBS TIME ADJUSTMENT	1.5	1.0	1.4	0.0	-0.6	-0.4	-0.5	-0.3	-0.5	0.6	0.5	1.2	
		MAX OBS TIME ADJUSTMENT	0.3	0.5	0.4	0.4	0.3	0.3	0.1	0.0	0.0	0.0	0.1	0.2	





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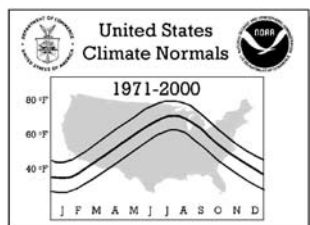
			NORMALS STATISTICS												
No.	Station Name	Element	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
152	LINCOLN 1 ESE	HIGHEST MEAN	35.5	42.4	49.0	58.9	68.8	79.9	87.3	85.8	74.5	59.9	48.8	34.9	87.3
		MEDIAN	26.4	33.4	42.0	52.3	62.4	74.3	79.9	77.1	68.8	55.9	40.2	31.1	53.6
		LOWEST MEAN	9.9	18.4	35.6	45.1	56.3	66.3	75.1	71.8	63.0	50.1	33.3	12.4	9.9
		HIGHEST MEAN YEAR	1992	1976	1986	1981	1977	1988	1980	1983	1998	1975	1999	1988	1980
		LOWEST MEAN YEAR	1979	1978	1996	1983	1995	1982	1994	1992	1993	1976	1985	1983	1979
		MIN OBS TIME ADJUSTMENT	1.5	1.9	2.2	1.4	0.0	0.0	-0.1	0.6	0.6	1.2	1.2	1.2	
		MAX OBS TIME ADJUSTMENT	0.3	0.5	0.4	0.4	0.4	0.3	0.1	0.0	-0.1	-0.1	0.0	0.2	
159	LOVEWELL DAM	HIGHEST MEAN	34.4	39.1	46.9	59.1	66.6	76.9	81.4	82.1	72.3	57.9	48.5	35.0	82.1
		MEDIAN	24.6	30.7	40.8	50.6	61.0	71.9	77.3	74.3	65.8	53.9	39.3	29.3	51.3
		LOWEST MEAN	11.4	14.6	32.4	45.4	55.1	66.1	72.4	70.1	60.3	49.0	31.3	9.9	9.9
		HIGHEST MEAN YEAR	1992	1999	1986	1981	1988	1988	1980	2000	1998	2000	1999	1979	2000
		LOWEST MEAN YEAR	1979	1979	1975	1983	1995	1982	1992	1992	1974	1976	1985	1983	1983
		MIN OBS TIME ADJUSTMENT	1.4	1.8	2.0	1.4	0.0	0.0	-0.1	0.7	0.6	1.2	1.2	1.2	
		MAX OBS TIME ADJUSTMENT	0.3	0.5	0.4	0.4	0.4	0.3	0.1	0.0	-0.1	-0.1	0.0	0.2	
162	MANHATTAN	HIGHEST MEAN	39.6	44.3	50.7	63.3	70.3	78.5	87.6	85.4	73.4	60.8	50.9	36.5	87.6
		MEDIAN	27.8	35.3	45.3	55.3	64.5	75.0	79.8	77.5	69.3	57.3	42.8	32.8	54.8
		LOWEST MEAN	13.7	20.3	36.8	47.5	59.0	69.5	75.4	72.3	62.1	50.7	35.4	14.4	13.7
		HIGHEST MEAN YEAR	1990	1976	1986	1981	1977	1971	1980	2000	1978	2000	1999	1991	1980
		LOWEST MEAN YEAR	1979	1979	1975	1983	1995	1992	1971	1992	1974	1976	1985	1983	1979
		MIN OBS TIME ADJUSTMENT	-1.0	-0.8	-0.8	-0.8	-0.5	-0.5	-0.4	-0.5	-0.8	-0.8	-0.9	-1.0	
		MAX OBS TIME ADJUSTMENT	-0.5	-0.3	-0.5	-0.6	-0.3	-0.2	-0.2	-0.5	-0.5	-0.5	-0.4	-0.5	
163	MANKATO	HIGHEST MEAN	35.6	40.0	47.3	56.6	66.9	77.7	82.8	84.0	71.8	57.5	47.8	35.1	84.0
		MEDIAN	23.2	30.7	40.7	50.1	60.3	70.8	77.2	74.5	65.8	53.5	37.2	28.6	50.8
		LOWEST MEAN	10.0	14.6	31.2	44.7	54.2	64.3	72.4	68.5	58.3	46.9	31.1	9.6	9.6
		HIGHEST MEAN YEAR	1986	1991	1986	1981	1977	1988	1974	1983	1998	2000	1999	1988	1983
		LOWEST MEAN YEAR	1979	1979	1975	1997	1995	1982	1992	1992	1982	1982	1985	1983	1983
		MIN OBS TIME ADJUSTMENT	1.2	1.7	1.9	2.2	1.2	1.1	0.8	1.2	1.3	1.1	1.1	1.0	
		MAX OBS TIME ADJUSTMENT	0.3	0.5	0.4	0.4	0.4	0.3	0.1	0.0	-0.1	-0.1	0.0	0.1	
164	MARION LAKE	HIGHEST MEAN	37.9	42.3	48.5	61.6	68.8	78.4	88.3	85.5	75.3	60.5	51.8	36.9	88.3
		MEDIAN	27.3	33.6	43.9	53.0	64.0	74.6	78.9	77.1	68.0	55.9	42.2	32.3	53.6
		LOWEST MEAN	11.9	18.1	36.6	45.7	58.3	67.4	75.4	71.3	59.3	50.0	35.1	14.0	11.9
		HIGHEST MEAN YEAR	1990	1999	1986	1981	1987	1980	1980	2000	1998	2000	1999	1991	1980
		LOWEST MEAN YEAR	1979	1979	1998	1983	1995	1982	1972	1992	1974	1976	1976	1983	1979
		MIN OBS TIME ADJUSTMENT	1.5	1.8	2.2	1.4	0.0	0.0	-0.1	0.6	0.6	1.2	1.2	1.1	
		MAX OBS TIME ADJUSTMENT	0.3	0.5	0.4	0.4	0.4	0.3	0.1	0.0	-0.1	0.0	0.0	0.1	
165	MARYSVILLE	HIGHEST MEAN	34.4	39.2	46.5	60.3	68.7	78.0	83.3	83.2	72.1	59.7	48.8	33.8	83.3
		MEDIAN	23.9	31.3	41.5	51.3	61.8	72.6	77.6	75.4	67.1	54.5	40.3	29.9	51.9
		LOWEST MEAN	10.2	15.6	33.0	45.9	56.7	67.4	72.9	68.9	60.3	48.5	32.6	10.2	10.2
		HIGHEST MEAN YEAR	1989	1976	1986	1981	1977	1988	1980	1983	1998	2000	1999	1999	1980
		LOWEST MEAN YEAR	1979	1979	1975	1983	1995	1992	1992	1992	1993	1976	1991	1983	1979
		MIN OBS TIME ADJUSTMENT	1.5	1.0	1.3	0.0	-0.5	-0.4	-0.5	-0.3	-0.5	0.5	0.4	1.2	
		MAX OBS TIME ADJUSTMENT	0.3	0.5	0.4	0.4	0.3	0.3	0.1	0.0	0.0	0.0	0.0	0.1	
169	MC DONALD	HIGHEST MEAN	38.5	39.8	46.4	53.9	63.0	75.6	78.9	79.4	71.1	55.3	47.1	36.2	79.4
		MEDIAN	27.2	33.3	38.7	49.1	58.0	69.8	75.5	73.2	64.8	52.9	37.8	30.4	50.7
		LOWEST MEAN	15.0	19.5	33.1	41.6	51.8	62.8	70.8	68.0	58.8	47.6	29.9	13.7	13.7
		HIGHEST MEAN YEAR	1986	1999	1986	1981	1998	1988	1980	2000	1998	2000	1999	1980	2000
		LOWEST MEAN YEAR	1979	1978	1980	1983	1995	1982	1992	1992	1993	1976	1985	1983	1983
		MIN OBS TIME ADJUSTMENT	1.5	1.7	2.1	1.4	1.3	0.0	-0.1	0.7	0.7	1.3	1.3	1.4	
		MAX OBS TIME ADJUSTMENT	0.3	0.4	0.4	0.4	0.4	0.3	0.1	0.0	0.0	0.0	0.1	0.2	
171	MCPHERSON	HIGHEST MEAN	37.5	43.5	49.9	61.9	68.7	79.4	87.2	84.3	76.3	62.1	51.3	37.3	87.2
		MEDIAN	28.3	35.5	43.9	53.3	63.1	74.8	79.6	77.7	69.1	57.0	42.5	32.9	54.3
		LOWEST MEAN	14.0	20.8	36.8	45.8	58.7	68.8	76.3	70.9	61.4	51.2	35.1	14.7	14.0
		HIGHEST MEAN YEAR	1990	1976	1986	1981	1987	1980	1980	2000	1998	1979	1999	1988	1980
		LOWEST MEAN YEAR	1979	1978	1975	1983	1995	1992	1994	1992	1974	1976	1991	1983	1979
		MIN OBS TIME ADJUSTMENT	1.5	1.8	2.2	1.4	0.0	0.0	-0.1	0.6	0.6	1.2	1.2	1.1	
		MAX OBS TIME ADJUSTMENT	0.3	0.5	0.4	0.4	0.4	0.3	0.1	0.0	-0.1	-0.1	0.0	0.2	
172	MEADE	HIGHEST MEAN	42.2	44.4	51.5	62.1	69.3	80.0	84.0	83.6	75.7	62.4	50.6	39.2	84.0
		MEDIAN	31.9	37.3	44.4	54.5	63.3	73.8	79.2	78.3	69.7	57.8	43.9	35.0	55.6
		LOWEST MEAN	19.3	22.9	37.5	46.6	57.4	67.4	75.4	74.3	62.5	51.2	36.4	21.0	19.3
		HIGHEST MEAN YEAR	1986	1976	1986	1981	1996	1994	1980	1983	1998	1979	1999	1994	1980
		LOWEST MEAN YEAR	1979	1978	1998	1983	1995	1989	1989	1974	1974	1976	1985	1983	1979
		MIN OBS TIME ADJUSTMENT	1.5	1.8	2.3	1.4	1.3	0.0	0.7	0.6	0.6	1.3	1.3	1.3	
		MAX OBS TIME ADJUSTMENT	0.3	0.5	0.4	0.4	0.4	0.3	0.1	0.0	-0.1	0.0	0.1	0.2	
173	MEDICINE LODG	HIGHEST MEAN	39.0	45.5	50.3	62.7	70.7	80.8	85.3	84.6	77.4	63.1	52.0	38.4	85.3
		MEDIAN	30.7	37.2	45.0	54.8	65.0	75.7	80.4	79.2	70.6	57.6	44.3	34.3	55.9
		LOWEST MEAN	17.1	22.6	39.6	47.0	59.6	70.3	77.1	73.1	63.0	52.5	37.5	17.4	17.1
		HIGHEST MEAN YEAR	1992	1976	1986	1981	1996	1990	1980	2000	1998	1979	1999	1999	1980
		LOWEST MEAN YEAR	1979	1978	1998	1983	1995	1982	1972	1992	1974	1976	1985	1983	1979
		MIN OBS TIME ADJUSTMENT	1.4	1.9	2.3	1.4	0.0	0.0	-0.1	0.5	0.6	1.2	1.2	1.2	
		MAX OBS TIME ADJUSTMENT	0.3	0.5	0.4	0.4	0.3	0.3	0.1	0.0	-0.1	-0.1	0.1	0.2	



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			NORMALS STATISTICS												
No.	Station Name	Element	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
174	MELVERN LAKE	HIGHEST MEAN	38.4	43.5	48.2	62.0	69.7	78.1	88.6	83.8	73.7	60.5	52.4	37.3	88.6
		MEDIAN	27.3	34.6	44.3	53.9	63.3	73.3	77.8	76.0	68.9	57.0	43.9	33.6	53.9
		LOWEST MEAN	12.9	19.0	36.1	46.6	58.0	68.1	73.5	70.3	61.1	51.0	36.7	15.8	12.9
		HIGHEST MEAN YEAR	1990	1976	2000	1981	1998	1980	1980	1983	1998	1971	1999	1982	1980
		LOWEST MEAN YEAR	1979	1979	1975	1983	1995	1982	1971	1992	1974	1976	1976	1983	1979
		MIN OBS TIME ADJUSTMENT	1.5	1.0	1.3	0.0	-0.5	-0.4	-0.4	-0.3	-0.4	0.5	0.4	1.1	
		MAX OBS TIME ADJUSTMENT	0.3	0.5	0.4	0.4	0.3	0.3	0.1	0.0	-0.1	0.0	0.1	0.1	
175	MILFORD LAKE	HIGHEST MEAN	36.7	41.4	48.6	59.5	69.3	77.4	85.6	84.5	74.0	60.7	52.0	36.6	85.6
		MEDIAN	26.4	32.6	43.2	53.2	63.0	72.8	78.7	76.5	68.3	56.3	42.1	31.5	53.2
		LOWEST MEAN	10.7	16.3	34.0	45.2	57.3	66.9	74.2	71.3	60.8	50.3	34.4	13.4	10.7
		HIGHEST MEAN YEAR	1989	1976	1986	1981	1987	1988	1980	2000	1998	2000	1999	1999	1980
		LOWEST MEAN YEAR	1979	1979	1975	1983	1995	1982	1971	1992	1974	1976	1985	1983	1979
		MIN OBS TIME ADJUSTMENT	1.5	1.0	1.3	0.0	-0.5	-0.4	-0.5	-0.3	-0.5	0.5	0.4	1.2	
		MAX OBS TIME ADJUSTMENT	0.3	0.5	0.4	0.4	0.3	0.3	0.1	0.0	0.0	0.0	0.1	0.1	
178	MINNEAPOLIS	HIGHEST MEAN	39.0	45.0	52.8	64.0	70.5	80.6	88.5	88.0	76.3	62.4	51.8	38.4	88.5
		MEDIAN	28.7	35.4	46.2	56.4	65.4	76.4	81.4	79.3	71.0	59.2	43.3	33.3	56.4
		LOWEST MEAN	14.3	20.5	38.1	48.4	59.6	70.5	77.6	73.5	64.9	53.7	35.5	15.2	14.3
		HIGHEST MEAN YEAR	1989	1976	1986	1981	1977	1988	1980	2000	1998	2000	1999	1988	1980
		LOWEST MEAN YEAR	1979	1978	1975	1983	1995	1982	1994	1992	1974	1976	1985	1983	1979
		MIN OBS TIME ADJUSTMENT	-1.3	-1.2	-1.0	-0.9	-0.7	-0.6	-0.5	-0.6	-1.0	-1.1	-1.3	-1.3	
		MAX OBS TIME ADJUSTMENT	-1.3	-0.9	-1.7	-1.9	-1.1	-0.9	-0.8	-1.3	-1.4	-1.4	-1.0	-1.3	
181	MOUND CITY	HIGHEST MEAN	38.1	46.3	48.5	64.0	69.4	78.4	89.8	84.9	75.4	62.8	51.6	39.2	89.8
		MEDIAN	28.2	35.6	45.1	54.2	63.9	73.8	78.1	76.8	69.2	57.9	44.9	34.5	55.2
		LOWEST MEAN	14.9	22.4	37.3	47.9	58.3	68.0	74.8	68.8	62.1	51.3	37.6	17.6	14.9
		HIGHEST MEAN YEAR	1990	1976	1985	1981	1977	1980	1980	1983	1980	1971	1999	1982	1980
		LOWEST MEAN YEAR	1979	1978	1996	1983	1997	1992	1992	1992	1993	1988	1976	1983	1979
		MIN OBS TIME ADJUSTMENT	1.6	1.0	1.3	0.0	-0.4	-0.4	-0.4	-0.3	-0.4	-0.5	0.4	0.3	
		MAX OBS TIME ADJUSTMENT	0.4	0.5	0.4	0.4	0.3	0.3	0.1	0.0	-0.1	-0.1	0.1	0.1	
182	MOUND VALLEY	HIGHEST MEAN	39.4	47.6	51.4	61.6	71.5	78.5	86.6	83.4	76.8	64.3	52.7	40.9	86.6
		MEDIAN	30.6	37.9	46.6	55.9	65.1	74.7	79.6	78.2	69.6	58.5	44.9	36.2	56.1
		LOWEST MEAN	17.7	24.5	39.9	49.0	61.1	68.1	76.8	71.8	63.6	52.9	38.6	19.6	17.7
		HIGHEST MEAN YEAR	1990	1976	1974	1981	1987	1971	1980	2000	1998	1973	1999	1971	1980
		LOWEST MEAN YEAR	1979	1978	1996	1983	1995	1982	1992	1992	1974	1976	1976	1983	1979
		MIN OBS TIME ADJUSTMENT	1.5	1.0	1.3	0.0	-0.4	-0.3	-0.4	-0.2	-0.4	-0.5	0.4	0.5	
		MAX OBS TIME ADJUSTMENT	0.3	0.4	0.4	0.4	0.3	0.2	0.1	0.0	-0.1	-0.1	0.1	0.2	
186	NESS CITY	HIGHEST MEAN	38.0	41.3	49.6	60.4	67.5	78.1	84.5	82.9	73.3	58.4	48.2	36.7	84.5
		MEDIAN	27.8	34.8	41.9	51.9	62.7	73.9	78.5	76.9	67.9	56.1	41.1	32.4	53.7
		LOWEST MEAN	14.3	19.8	35.5	46.7	56.5	67.4	75.6	71.4	62.0	48.1	34.8	16.0	14.3
		HIGHEST MEAN YEAR	1986	1976	1986	1981	1974	1988	1980	1983	1998	1974	1999	1994	1980
		LOWEST MEAN YEAR	1979	1978	1998	1983	1995	1989	1992	1992	1974	1976	1991	1983	1979
		MIN OBS TIME ADJUSTMENT	1.5	1.8	2.2	1.4	0.0	0.0	-0.1	0.6	0.6	1.3	1.3	1.2	
		MAX OBS TIME ADJUSTMENT	0.3	0.5	0.4	0.4	0.4	0.3	0.1	0.0	-0.1	-0.1	0.1	0.2	
187	NEWTON 2 SW	HIGHEST MEAN	39.3	45.2	52.4	63.1	70.0	80.0	89.5	86.6	78.1	63.4	52.9	38.6	89.5
		MEDIAN	29.3	36.8	45.2	54.7	64.6	75.6	80.8	79.5	70.3	58.5	44.0	34.0	55.7
		LOWEST MEAN	14.0	20.6	38.0	47.4	58.5	69.9	76.7	73.5	62.7	52.9	38.3	16.2	14.0
		HIGHEST MEAN YEAR	1990	1976	1986	1981	1998	1980	1980	2000	1998	1979	1999	1988	1980
		LOWEST MEAN YEAR	1979	1978	1984	1983	1995	1982	1994	1992	1974	1976	1993	1983	1979
		MIN 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	
		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	
190	NORTON DAM	HIGHEST MEAN	35.5	38.3	46.2	57.3	64.5	77.4	82.5	82.1	71.5	56.6	46.4	34.4	82.5
		MEDIAN	25.0	31.6	39.0	49.9	60.0	70.8	77.1	74.5	65.1	52.8	37.9	30.2	50.9
		LOWEST MEAN	11.9	17.5	32.5	44.8	53.4	64.2	71.7	68.8	59.7	47.7	30.0	10.3	10.3
		HIGHEST MEAN YEAR	1986	1992	1986	1981	1998	1988	1980	1983	1998	1979	1999	1979	1980
		LOWEST MEAN YEAR	1979	1978	1996	1983	1995	1982	1992	1992	1993	1976	2000	1983	1983
		MIN OBS TIME ADJUSTMENT	1.4	1.7	2.0	1.4	0.0	0.0	-0.1	0.7	0.7	1.2	1.2	1.3	
		MAX OBS TIME ADJUSTMENT	0.3	0.4	0.4	0.4	0.4	0.3	0.1	0.0	0.0	-0.1	0.1	0.2	
191	NORTON 9 SSE	HIGHEST MEAN	38.2	41.1	47.3	59.2	66.0	79.0	84.1	85.5	72.7	58.6	48.9	37.9	85.5
		MEDIAN	27.2	33.5	41.5	51.2	61.4	72.0	78.0	75.6	67.5	55.8	40.1	32.0	52.7
		LOWEST MEAN	14.9	20.2	33.8	45.5	53.6	65.9	72.6	69.1	60.2	49.3	30.6	12.2	12.2
		HIGHEST MEAN YEAR	1986	1999	1986	1981	1977	1988	1980	1983	1998	1979	1999	1979	1983
		LOWEST MEAN YEAR	1979	1978	1996	1983	1995	1982	1992	1992	1993	1976	1985	1983	1983
		MIN OBS TIME ADJUSTMENT	1.5	1.7	2.0	1.4	0.0	0.0	-0.1	0.7	0.7	1.2	1.2	1.3	
		MAX OBS TIME ADJUSTMENT	0.3	0.4	0.4	0.4	0.4	0.3	0.1	0.0	0.0	-0.1	0.1	0.2	
192	NORWICH	HIGHEST MEAN	39.9	45.9	50.4	62.6	71.1	81.2	87.9	86.1	80.8	63.9	52.7	38.6	87.9
		MEDIAN	30.7	37.4	45.2	55.3	64.9	75.9	80.6	80.5	71.4	59.7	44.5	34.5	56.3
		LOWEST MEAN	16.1	22.1	38.3	46.5	61.0	70.0	78.5	73.4	63.3	52.7	38.3	16.6	16.1
		HIGHEST MEAN YEAR	1990	1976	1986	1981	1996	1990	1980	2000	1998	1979	1998	1991	1980
		LOWEST MEAN YEAR	1979	1978	1984	1983	1995	1982	1972	1992	1974	1976	1985	1983	1979
		MIN OBS TIME ADJUSTMENT	1.5	1.9	2.3	1.4	0.0	0.0	-0.1	0.5	0.5	1.2	1.2	1.2	
		MAX OBS TIME ADJUSTMENT	0.3	0.5	0.4	0.4	0.3	0.3	0.1	0.0	-0.1	-0.1	0.0	0.2	





# CLIMATOGRAPHY OF THE UNITED STATES NO. 81

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

### KANSAS

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			NORMALS STATISTICS												
No.	Station Name	Element	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
193	OAKLEY 4 W	HIGHEST MEAN	38.1	39.6	47.2	56.8	63.8	76.8	82.7	82.2	70.4	56.0	46.0	36.4	82.7
		MEDIAN	27.2	33.0	39.7	49.8	59.5	71.0	76.9	74.3	65.5	52.9	38.8	30.6	51.3
		LOWEST MEAN	14.3	20.1	33.2	44.0	52.0	65.8	72.8	69.4	59.8	47.5	29.6	14.5	14.3
		HIGHEST MEAN YEAR	1986	1976	1986	1981	1987	1988	1980	1983	1998	1974	1999	1980	1980
		LOWEST MEAN YEAR	1979	1978	1996	1997	1995	1982	1992	1992	1993	1976	2000	1983	1979
		MIN OBS TIME ADJUSTMENT	1.5	1.8	2.2	1.4	1.3	0.0	-0.1	0.6	0.7	1.3	1.3	1.4	
		MAX OBS TIME ADJUSTMENT	0.3	0.4	0.4	0.4	0.4	0.3	0.1	0.0	0.0	0.0	0.1	0.2	
195	OBERLIN	HIGHEST MEAN	38.3	39.8	48.2	56.7	65.0	77.5	82.6	81.6	71.5	56.6	45.9	36.6	82.6
		MEDIAN	26.5	32.7	40.0	50.4	60.4	71.7	77.1	74.3	65.5	52.5	38.5	29.9	51.3
		LOWEST MEAN	14.0	19.0	32.2	44.6	53.1	64.8	71.8	68.2	58.6	47.8	28.9	13.7	13.7
		HIGHEST MEAN YEAR	1986	1999	1986	1981	1977	1988	1980	2000	1998	1979	1999	1980	1980
		LOWEST MEAN YEAR	1979	1978	1996	1983	1995	1982	1992	1992	1993	1976	2000	1983	1983
		MIN OBS TIME ADJUSTMENT	1.5	1.7	2.1	1.4	0.0	0.0	-0.1	0.7	0.7	1.3	1.3	1.4	
		MAX OBS TIME ADJUSTMENT	0.3	0.4	0.4	0.4	0.4	0.3	0.1	0.0	0.0	-0.1	0.1	0.2	
197	OLATHE 3 E	HIGHEST MEAN	39.5	45.6	50.5	63.7	71.7	78.2	86.5	84.0	74.3	63.1	53.8	38.8	86.5
		MEDIAN	28.7	36.7	46.6	55.7	64.8	74.5	78.9	76.7	69.1	58.8	44.6	34.7	55.5
		LOWEST MEAN	15.3	21.7	37.9	47.7	60.3	68.6	74.3	71.8	62.4	53.0	38.2	15.7	15.3
		HIGHEST MEAN YEAR	1990	1976	1991	1981	1998	1988	1980	2000	1978	1971	1999	1991	1980
		LOWEST MEAN YEAR	1979	1978	1984	1983	1995	1982	1971	1992	1974	1976	1976	1983	1979
		MIN OBS TIME ADJUSTMENT	-1.2	-1.0	-1.0	-0.9	-0.6	-0.5	-0.4	-0.6	-0.8	-0.8	-1.1	-1.1	
		MAX OBS TIME ADJUSTMENT	-0.8	-0.5	-1.0	-1.2	-0.5	-0.5	-0.4	-0.8	-0.7	-0.5	-0.6	-0.7	
202	OSKALOOSA 4 N	HIGHEST MEAN	38.8	43.2	49.6	62.9	70.3	77.2	86.6	84.3	73.5	61.6	52.3	36.6	86.6
		MEDIAN	27.2	34.6	45.0	54.6	63.9	73.3	78.3	76.2	67.6	57.2	42.6	32.3	54.0
		LOWEST MEAN	12.5	19.5	36.4	46.9	59.1	68.3	74.5	70.5	61.4	51.5	36.1	13.3	12.5
		HIGHEST MEAN YEAR	1990	1976	1986	1981	1998	1988	1980	1983	1998	1971	1999	1991	1980
		LOWEST MEAN YEAR	1979	1978	1984	1983	1995	1982	1971	1992	1974	1976	1976	1983	1979
		MIN OBS TIME ADJUSTMENT	-1.3	-1.1	-1.0	-0.9	-0.6	-0.5	-0.5	-0.6	-0.9	-1.0	-1.3	-1.2	
		MAX OBS TIME ADJUSTMENT	-1.4	-0.9	-1.7	-1.9	-1.0	-0.9	-0.8	-1.2	-1.2	-1.4	-1.0	-1.2	
204	OTTAWA	HIGHEST MEAN	41.6	47.2	51.8	65.9	72.1	78.9	88.1	86.7	76.2	64.1	53.8	38.9	88.1
		MEDIAN	30.1	37.5	47.8	56.7	65.6	75.8	80.4	78.3	70.8	59.3	45.9	35.5	56.7
		LOWEST MEAN	15.4	23.0	40.2	50.1	61.1	70.0	75.3	72.0	63.2	53.7	38.7	17.7	15.4
		HIGHEST MEAN YEAR	1990	1976	1986	1981	1998	1980	1980	2000	1998	1973	1999	1982	1980
		LOWEST MEAN YEAR	1979	1978	1984	1983	1995	1982	1971	1992	1974	1976	1976	1983	1979
		MIN OBS TIME ADJUSTMENT	-1.3	-1.1	-1.0	-0.9	-0.6	-0.5	-0.5	-0.6	-0.8	-0.9	-1.3	-1.2	
		MAX OBS TIME ADJUSTMENT	-1.4	-0.9	-1.8	-1.9	-0.9	-0.8	-0.8	-1.2	-1.2	-0.8	-1.0	-1.2	
208	PAOLA	HIGHEST MEAN	40.6	46.6	50.6	64.6	71.8	78.0	88.1	84.9	75.6	62.3	53.2	39.7	88.1
		MEDIAN	29.2	37.1	47.8	56.6	65.2	75.1	79.6	77.8	69.4	58.3	45.0	34.8	55.9
		LOWEST MEAN	16.1	23.2	37.7	50.2	61.4	69.8	75.1	71.3	62.0	51.7	36.9	15.8	15.8
		HIGHEST MEAN YEAR	1990	1976	1986	1981	1998	1991	1980	2000	1998	1971	1999	1982	1980
		LOWEST MEAN YEAR	1979	1978	1984	1983	1995	1982	1971	1992	1974	1976	1976	1983	1983
		MIN OBS TIME ADJUSTMENT	-1.3	-1.2	-1.0	-0.9	-0.6	-0.5	-0.4	-0.6	-0.8	-0.9	-1.3	-1.2	
		MAX OBS TIME ADJUSTMENT	-1.4	-0.9	-1.8	-1.9	-0.9	-0.8	-0.7	-1.2	-1.2	-0.8	-1.0	-1.2	
210	PARSONS 2 NW	HIGHEST MEAN	40.1	47.7	50.5	62.7	71.2	78.3	87.0	84.3	76.1	62.9	53.4	40.5	87.0
		MEDIAN	29.9	38.2	46.9	55.7	64.5	74.5	79.3	77.6	69.7	58.7	45.6	36.0	56.2
		LOWEST MEAN	17.0	23.1	39.2	48.8	60.4	69.2	75.6	71.7	61.1	53.2	38.8	20.1	17.0
		HIGHEST MEAN YEAR	1990	1976	1986	1981	1987	1994	1980	1983	1998	1973	1999	1984	1980
		LOWEST MEAN YEAR	1979	1978	1975	1983	1976	1982	1972	1992	1974	1976	1976	1983	1979
		MIN OBS TIME ADJUSTMENT	1.6	1.0	1.4	0.0	-0.4	-0.4	-0.4	-0.3	-0.4	-0.5	0.4	0.5	
		MAX OBS TIME ADJUSTMENT	0.4	0.5	0.4	0.4	0.3	0.2	0.1	0.0	-0.1	-0.1	0.1	0.2	
212	PERRY LAKE	HIGHEST MEAN	37.3	43.7	48.3	62.4	70.0	77.0	87.2	84.0	74.3	61.6	51.9	36.4	87.2
		MEDIAN	26.1	34.0	44.0	54.0	63.8	73.3	78.3	76.7	68.2	56.4	43.0	32.2	53.7
		LOWEST MEAN	12.1	19.1	35.5	47.4	57.8	67.4	74.9	70.4	61.2	50.5	36.0	13.4	12.1
		HIGHEST MEAN YEAR	1989	1976	1986	1981	1998	1986	1980	1983	1978	1971	1999	1991	1980
		LOWEST MEAN YEAR	1979	1979	1975	1983	1995	1982	1994	1992	1974	1976	1976	1983	1979
		MIN OBS TIME ADJUSTMENT	1.6	1.0	1.3	0.0	-0.5	-0.4	-0.4	-0.3	-0.4	0.5	0.4	1.1	
		MAX OBS TIME ADJUSTMENT	0.3	0.5	0.4	0.4	0.3	0.3	0.1	0.0	-0.1	0.0	0.1	0.1	
213	PHILLIPSBURG	HIGHEST MEAN	35.7	40.0	47.3	59.3	67.6	80.0	85.5	85.1	73.4	57.5	47.9	34.6	85.5
		MEDIAN	25.5	32.5	41.2	51.4	61.6	73.3	78.9	76.0	67.4	54.7	38.9	30.2	52.3
		LOWEST MEAN	11.7	17.0	32.7	46.2	55.5	66.9	73.4	70.7	61.5	49.7	29.6	11.6	11.6
		HIGHEST MEAN YEAR	1986	1976	1986	1981	1977	1988	1980	1983	1998	1974	1999	1991	1980
		LOWEST MEAN YEAR	1979	1978	1975	1983	1995	1982	1992	1992	1993	1976	1985	1983	1983
		MIN OBS TIME ADJUSTMENT	1.5	1.8	1.3	0.0	-0.6	-0.5	-0.5	-0.3	-0.5	0.5	0.4	1.4	
		MAX OBS TIME ADJUSTMENT	0.3	0.5	0.4	0.4	0.4	0.3	0.1	0.0	0.0	0.0	0.1	0.2	
215	PLAINVILLE 4	HIGHEST MEAN	35.9	44.0	47.3	58.6	66.1	78.9	85.5	83.2	74.5	58.2	49.8	36.0	85.5
		MEDIAN	26.6	32.5	40.6	50.4	60.6	72.1	77.7	75.7	66.9	54.9	39.1	30.3	51.9
		LOWEST MEAN	12.6	18.5	33.0	44.1	54.1	65.8	72.1	67.4	60.9	48.4	31.4	11.4	11.4
		HIGHEST MEAN YEAR	1986	1999	1986	1981	1977	1988	1980	1983	1998	2000	1999	1999	1980
		LOWEST MEAN YEAR	1979	1978	1975	1983	1995	1992	1992	1992	1973	1976	1985	1983	1983
		MIN OBS TIME ADJUSTMENT	1.4	1.8	2.0	1.4	0.0	0.0	-0.1	0.6	0.7	1.2	1.2	1.3	
		MAX OBS TIME ADJUSTMENT	0.3	0.5	0.4	0.4	0.4	0.3	0.1	0.0	0.0	-0.1	0.1	0.2	







