Climate Division: IN 7

Climatography of the United States No. 20 1971-2000

National Climatic Data Center Federal Building 151 Patton Avenue Asheville, North Carolina 28801 www.ncdc.noaa.gov

COOP ID: 121869

Lon: 86°50W

Station: CRANE NAVAL DEPOT, IN

NWS Call Sign:

Temperature (°F)

Elevation: 730 Feet Lat: 38°52N

										Гетр	eratur	re (°F)									
	Mea	n (1)						Extr	emes			Days (1) emp 65		Mean	Numb	er of I	Days (3)				
Month	Daily Max	Daily Min	Mean	Highest Daily(2)	Year	Day	Highest Month(1) Mean	Year	Lowest Daily(2)	Year	Day	Lowest Month(1) Mean	Year	Heating	Cooling	Max >= 100	Max >= 90	Max >= 50	Max <= 32	Min <= 32	Min <= 0
Jan	38.8	21.3	30.1	72+	1950	25	41.4	1990	-23	1994	19	15.1	1977	1083	0	.0	.0	6.3	9.4	25.5	2.1
Feb	45.1	25.5	35.3	76	1972	29	43.2	1998	-14	1951	2	21.8	1978	832	0	.0	.0	10.2	5.2	19.9	1.1
Mar	56.1	34.1	45.1	83+	1981	31	52.5	1973	-2+	1960	5	35.4	1980	618	0	.0	.0	21.6	.9	13.7	.1
Apr	67.2	43.5	55.4	88+	1977	17	61.4	1981	17	1982	7	49.9	1983	301	11	.0	.0	28.1	.0	4.1	.0
May	76.4	53.0	64.7	99	1967	25	72.3	1991	30	1966	10	59.5	1989	131	122	.0	.7	31.0	.0	.1	.0
Jun	83.9	61.8	72.9	102	1954	26	77.2	1991	35	1992	22	68.6	1974	12	248	@	4.8	30.0	.0	.0	.0
Jul	87.7	66.3	77.0	104+	1954	14	81.1	1983	42	1964	5	73.7	1971	0	371	.3	11.2	31.0	.0	.0	.0
Aug	86.3	64.4	75.4	101	1983	20	81.3	1983	41	1966	31	70.9	1992	3	323	.1	8.2	31.0	.0	.0	.0
Sep	80.2	57.4	68.8	102	1953	2	74.8	1998	32	1983	22	63.3	1974	44	158	.0	2.8	30.0	.0	@	.0
Oct	69.4	46.2	57.8	96	1953	1	65.1	1971	20+	1952	29	48.8	1988	265	41	.0	.1	30.4	.0	2.1	.0
Nov	55.9	36.6	46.3	82	1950	1	51.5+	1994	-5	1950	25	37.9	1976	565	1	.0	.0	20.1	.4	11.6	.0
Dec	43.9	26.4	35.2	74	1982	2	43.8	1982	-20+	1989	22	22.1	2000	925	0	.0	.0	9.0	4.8	22.1	.9
Ann	65.9	44.7	55.3	104+	Jul 1954	14	81.3	Aug 1983	-23	Jan 1994	19	15.1	Jan 1977	4779	1275	.4	27.8	278.7	20.7	99.1	4.2

⁺ Also occurred on an earlier date(s)

Complete documentation available from: www.ncdc.noaa.gov/oa/climate/normals/usnormals.html

Issue Date: February 2004 011-A

[@] Denotes mean number of days greater than 0 but less than .05

⁽¹⁾ From the 1971-2000 Monthly Normals

⁽²⁾ Derived from station's available digital record: 1948-2001

⁽³⁾ Derived from 1971-2000 serially complete daily data

Climatography of the United States No. 20 1971-2000

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COOP ID: 121869

Station: CRANE NAVAL DEPOT, IN

Climate Division: IN 7 NWS Call Sign: Elevation: 730 Feet Lat: 38°52N Lon: 86°50W

										Pı	recipi	tation	(incl	nes)										
	Mea	ans/	P	recip	itatio	on Total						ays (3)	Proba	ability th		nonthly/	annual j	precipita ated am	nount	ies (1)		less tha	ın the
	Medi	ans(1)				Extremes	;			լ և	aily Pre	cipitatio	n		Th	ese value	s were det	ermined	from the i	incomplet	te gamma	distributi	on	
Month	Mean	Med- ian	Highest Daily(2)	Year	Day	Highest Monthly(1)	Year	Lowest Monthly(1)	Year	>= 0.01	>= 0.10	>= 0.50	>= 1.00	.05	.10	.20	.30	.40	.50	.60	.70	.80	.90	.95
Jan	3.03	2.55	4.00	1950	4	8.29	1982	.34	1981	8.5	6.2	2.1	.8	.67	.95	1.39	1.79	2.19	2.62	3.10	3.68	4.44	5.64	6.78
Feb	3.01	2.97	2.95	1995	16	6.04	1990	.70	1982	7.2	4.8	2.0	.8	.84	1.12	1.55	1.93	2.30	2.69	3.11	3.62	4.28	5.31	6.27
Mar	4.11	3.93	3.68	1964	9	9.29	1989	1.51	1994	9.6	7.3	3.1	.9	1.58	1.97	2.51	2.96	3.39	3.83	4.30	4.84	5.54	6.61	7.58
Apr	4.85	4.06	4.40	1998	16	11.67	1998	.87	1985	10.4	7.9	3.4	1.3	1.31	1.77	2.47	3.09	3.69	4.32	5.02	5.85	6.92	8.61	10.19
May	5.55	5.17	4.80	1995	18	13.30	1995	2.08	1991	9.7	8.2	4.1	1.7	2.08	2.60	3.35	3.97	4.55	5.15	5.81	6.56	7.53	9.01	10.36
Jun	4.01	3.51	3.69	2000	16	11.34	1998	.41	1991	7.8	6.2	2.9	1.3	.95	1.33	1.91	2.44	2.96	3.50	4.12	4.85	5.81	7.33	8.76
Jul	5.10	4.83	4.80	1984	4	13.12	1979	.88	1997	7.7	6.3	3.4	2.1	1.27	1.75	2.50	3.15	3.81	4.49	5.26	6.17	7.36	9.25	11.01
Aug	4.09	3.89	6.02	1949	15	9.13	1978	.40	1987	6.6	5.1	2.8	1.4	.97	1.36	1.95	2.49	3.02	3.58	4.21	4.96	5.94	7.50	8.96
Sep	3.41	3.39	4.00	1982	1	8.40	1974	.27	1997	6.1	4.8	2.1	1.0	.47	.75	1.24	1.71	2.21	2.75	3.39	4.16	5.21	6.92	8.57
Oct	3.47	2.69	4.70	1983	20	9.61	1983	1.21	1994	6.7	5.2	2.3	.8	1.16	1.49	1.97	2.38	2.78	3.18	3.62	4.14	4.81	5.84	6.79
Nov	4.24	3.87	3.31	1996	7	9.46	1985	.84	1999	8.4	6.6	3.0	1.3	1.37	1.77	2.36	2.87	3.36	3.86	4.42	5.06	5.90	7.19	8.39
Dec	3.38	3.37	2.71	1967	2	8.10	1982	.52	1992	7.4	5.2	2.2	.6	.97	1.29	1.77	2.20	2.61	3.03	3.51	4.07	4.79	5.93	6.98
Ann	48.25	49.75	6.02	Aug 1949	15	13.30	May 1995	.27	Sep 1997	96.1	73.8	33.4	14.0	34.98	37.56	40.87	43.37	45.59	47.72	49.93	52.36	55.31	59.57	63.25

⁺ Also occurred on an earlier date(s)

Complete documentation available from:

www.ncdc.noaa.gov/oa/climate/normals/usnormals.html

[#] Denotes amounts of a trace

[@] Denotes mean number of days greater than 0 but less than .05

^{**} Statistics not computed because less than six years out of thirty had measurable precipitation

⁽¹⁾ From the 1971-2000 Monthly Normals

⁽²⁾ Derived from station's available digital record: 1948-2001

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Climatography of the United States No. 20 1971-2000

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COOP ID: 121869

Station: CRANE NAVAL DEPOT, IN

Climate Division: IN 7 NWS Call Sign: Elevation: 730 Feet Lat: 38°52N Lon: 86°50W

										Snov	w (inc	hes)											
						Sno	ow To	tals									Mea	ın Nu	mber	of Da	ys (1)		
	Mean	s/Medi	ans (1))					Extre	mes (2)							ow Fa					Depth esholo	
Month	Snow Fall Mean	Snow Fall Median	Snow Depth Mean	Snow Depth Median	Highest Daily Snow Fall	Year	Day	Highest Monthly Snow Fall	Year	Highest Daily Snow Depth	Year	Day	Highest Monthly Mean Snow Depth	Year	0.1	1.0	3.0	5.0	10.0	1	3	5	10
Jan	5.9	-99.9	1	0	10.0	1978	17	29.5	1978	25	1978	31	13	1977	1.3	1.2	.8	.3	.1	-9.9	-9.9	-9.9	-9.9
Feb	1.6	1.7	#	0	4.0	1974	24	4.0	1974	9	1977	3	5	1979	.9	.7	.1	.0	.0	-9.9	-9.9	-9.9	-9.9
Mar	1.9	.5	#	0	13.5	1996	19	13.7	1996	4	1999	14	#+	2000	.5	.4	.1	.1	.1	.2	.0	.0	.0
Apr	.0	.0	#	0	.5	1973	10	.5	1973	1	1973	10	#	1973	.1	.0	.0	.0	.0	.1	.0	.0	.0
May	.0	.0	0	0	.0	0	0	.0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	.0	.0
Jun	.0	.0	0	0	.0	0	0	.0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	.0	.0
Jul	.0	.0	0	0	.0	0	0	.0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	.0	.0
Aug	.0	.0	0	0	.0	0	0	.0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	.0	.0
Sep	.0	.0	0	0	.0	0	0	.0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	.0	.0
Oct	.0	.0	0	0	.0	0	0	.0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	.0	.0
Nov	#	.0	#	0	#	1972	26	#	1972	3	1975	27	#+	1975	.0	.0	.0	.0	.0	.0	.0	.0	.0
Dec	3.9	2.5	#	0	7.0	1973	20	7.8+	1981	7+	1974	1	1	1973	-9.9	-9.9	-9.9	-9.9	-9.9	-9.9	-9.9	-9.9	-9.9
Ann	13.3	-9.9	N/A	N/A	13.5	Mar 1996	19	29.5	Jan 1978	25	Jan 1978	31	13	Jan 1977	-9.9	-9.9	-9.9	-9.9	-9.9	-9.9	-9.9	-9.9	-9.9

⁺ Also occurred on an earlier date(s) #Denotes trace amounts

Complete documentation available from: www.ncdc.noaa.gov/oa/climate/normals/usnormals.html

[@] Denotes mean number of days greater than 0 but less than .05

^{-9/-9.9} represents missing values Annual statistics for Mean/Median snow depths are not appropriate

⁽¹⁾ Derived from Snow Climatology and 1971-2000 daily data

⁽²⁾ Derived from 1971-2000 daily data

Climatography of the United States No. 20 1971-2000

Elevation: 730 Feet

National Climatic Data Center Federal Building 151 Patton Avenue Asheville, North Carolina 28801 www.ncdc.noaa.gov

COOP ID: 121869

Lon: 86°50W

Lat: 38°52N

Station: CRANE NAVAL DEPOT, IN

Climate Division: IN 7 NWS Call Sign:

10 .20 .30 .40 .50 .60 .70 .80 .90					Freez	e Data								
1.0				Spri	ng Freeze D	ates (Month/	Day)							
1.0	Probability of later date in spring (thru Jul 31) than indicated(*) 10													
32 4/28 4/23 4/20 4/17 4/14 4/11 4/08 4/05 3/31 2/8 3/24 4/17 4/12 4/10 4/07 4/05 4/02 3/31 3/28 3/24 24 4/07 4/02 3/30 3/27 3/24 3/21 3/18 3/15 3/10 20 3/30 3/25 3/21 3/18 3/15 3/12 3/09 3/05 2/28 3/16 3/17 3/10 3/05 3/01 2/25 2/21 2/17 2/12 2/05	remp (r)	.10	.20	.30	.40	.50	.60	.70	.80	.90				
28	36	5/18	5/12	5/07	5/03	4/29	4/25	4/21	4/16	4/09				
24 4/07 4/02 3/30 3/27 3/24 3/21 3/18 3/15 3/10 20 3/30 3/25 3/21 3/18 3/15 3/12 3/09 3/05 2/28 16 3/17 3/10 3/05 3/01 2/25 2/21 2/17 2/12 2/05	32	4/28	4/23	4/20	4/17	4/14	4/11	4/08	4/05	3/31				
20 3/30 3/25 3/21 3/18 3/15 3/12 3/09 3/05 2/28 16 3/17 3/10 3/05 3/01 2/25 2/21 2/17 2/12 2/05	28	4/17	4/12	4/10	4/07	4/05	4/02	3/31	3/28	3/24				
Temp (F) Sign Sig	24	4/07	4/02	3/30	3/27	3/24	3/21	3/18	3/15	3/10				
Fall Freeze Dates (Month/Day Probability of earlier date in fall (beginning Aug 1) than indicated (*)	20	3/30	3/25	3/21	3/18	3/15	3/12	3/09	3/05	2/28				
Probability of earlier date in fall (beginning Aug 1) than indicated(*) 10 20 30 40 50 60 70 80 90 36 9/28 10/02 10/05 10/08 10/10 10/13 10/16 10/19 10/23 32 10/05 10/11 10/16 10/20 10/23 10/27 10/31 11/04 11/11 28 10/21 10/26 10/29 11/01 11/04 11/07 11/10 11/13 11/18 24 10/29 11/04 11/08 11/12 11/15 11/19 11/22 11/26 12/02 20 11/06 11/12 11/17 11/21 11/25 11/28 12/02 12/07 12/13 16 11/18 11/25 11/30 12/04 12/08 12/11 12/16 12/20 12/27 Freeze Free Period Probability of longer than indicated freeze free period (Days) 10 20 30 40 50 60 70 80 90 36 187 179 173 169 164 159 155 149 141 32 214 206 201 196 192 187 182 177 169 28 231 225 220 216 213 209 205 200 194 24 257 249 244 240 235 231 227 221 214 20 20 216 213 209 205 200 194 24 257 249 244 240 235 231 227 221 214 20 20 205 200 205 200 205 20 205 200 205 200 205 20 205 200 205 200 205 20 205 200 205 200 205 20 205 205 200 205 200 205 20 205 205 205 205 205 205 205 20 205 205 205 205 205 205 205 20 205 205 205 205 205 205 205 205 20 205 205 205 205 205 205 205 205 205 20 205 205 205 205 205 205 205 205 20 205 205 205 205 205 205 205 205 205 205 205 205 205 205 205 205 205 205 20 205	16	3/17	3/10	3/05	3/01	2/25	2/21	2/17	2/12	2/05				
10				Fal	l Freeze Da	tes (Month/D	ay)							
10 20 30 40 50 60 70 80 90	Comp (E)		Pro	bability of ea	arlier date i	n fall (beginn	ing Aug 1) t	han indicate	ed(*)					
32 10/05 10/11 10/16 10/20 10/23 10/27 10/31 11/04 11/11	remp (r)	.10	.20	.30	.40	.50	.60	.70	.80	.90				
28	36	9/28	10/02	10/05	10/08	10/10	10/13	10/16	10/19	10/23				
24 10/29 11/04 11/08 11/12 11/15 11/19 11/22 11/26 12/02 20 11/06 11/12 11/17 11/21 11/25 11/28 12/02 12/07 12/13 Freeze Free Period Freeze Free Period Probability of longer than indicated freeze free period (Days) Image: Probability of longer than indicated freeze free period (Days) 36 187 179 173 169 164 159 155 149 141 32 214 206 201 196 192 187 182 177 169 28 231 225 220 216 213 209 205 200 194 24 257 249 244 240 235 231 227 221 214	32	10/05	10/11	10/16	10/20	10/23	10/27	10/31	11/04	11/11				
20 11/06 11/12 11/17 11/21 11/25 11/28 12/02 12/07 12/13 16 11/18 11/25 11/30 12/04 12/08 12/11 12/16 12/20 12/27 Freeze Free Period Freeze Free Period Probability of longer than indicated freeze free period (Days) 36 187 179 173 169 164 159 155 149 141 32 214 206 201 196 192 187 182 177 169 28 231 225 220 216 213 209 205 200 194 24 257 249 244 240 235 231 227 221 214	28	10/21	10/26	10/29	11/01	11/04	11/07	11/10	11/13	11/18				
16 11/18 11/25 11/30 12/04 12/08 12/11 12/16 12/20 12/27 Freeze Free Period Probability of longer than indicated freeze free period (Days) 10 20 30 40 50 60 70 80 90 36 187 179 173 169 164 159 155 149 141 32 214 206 201 196 192 187 182 177 169 28 231 225 220 216 213 209 205 200 194 24 257 249 244 240 235 231 227 221 214	24	10/29	11/04	11/08	11/12	11/15	11/19	11/22	11/26	12/02				
Freeze Free Period Probability of longer than indicated freeze free period (Days)	20	11/06	11/12	11/17	11/21	11/25	11/28	12/02	12/07	12/13				
Probability of longer than indicated freeze free period (Days) 10 20 30 40 50 60 70 80 90 36 187 179 173 169 164 159 155 149 141 32 214 206 201 196 192 187 182 177 169 28 231 225 220 216 213 209 205 200 194 24 257 249 244 240 235 231 227 221 214	16	11/18	11/25	11/30	12/04	12/08	12/11	12/16	12/20	12/27				
16th (F) .10 .20 .30 .40 .50 .60 .70 .80 .90 36 187 179 173 169 164 159 155 149 141 32 214 206 201 196 192 187 182 177 169 28 231 225 220 216 213 209 205 200 194 24 257 249 244 240 235 231 227 221 214			•		Freeze F	ree Period								
36 187 179 173 169 164 159 155 149 141 32 214 206 201 196 192 187 182 177 169 28 231 225 220 216 213 209 205 200 194 24 257 249 244 240 235 231 227 221 214	Tomp (F)			Probability	of longer th	an indicated	freeze free p	eriod (Days))					
32 214 206 201 196 192 187 182 177 169 28 231 225 220 216 213 209 205 200 194 24 257 249 244 240 235 231 227 221 214	remp (r)	.10	.20	.30	.40	.50	.60	.70	.80	.90				
28 231 225 220 216 213 209 205 200 194 24 257 249 244 240 235 231 227 221 214	36	187	179	173	169	164	159	155	149	141				
24 257 249 244 240 235 231 227 221 214	32	214	206	201	196	192	187	182	177	169				
	28	231	225	220	216	213	209	205	200	194				
20 276 268 263 258 254 249 245 239 232	24	257	249	244	240	235	231	227	221	214				
	20	276	268	263	258	254	249	245	239	232				

^{*} Probability of observing a temperature as cold, or colder, later in the spring or earlier in the fall than the indicated date.

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0/00 Indicates that the probability of occurrence of threshold temperature is less than the indicated probability.

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Derived from 1971-2000 serially complete daily data

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307

16

Complete documentation available from:

276

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Climatography of the United States No. 20 1971-2000

National Climatic Data Center Federal Building 151 Patton Avenue Asheville, North Carolina 28801 www.ncdc.noaa.gov

COOP ID: 121869

Station: CRANE NAVAL DEPOT, IN

Climate Division: IN 7 NWS Call Sign: Elevation: 730 Feet Lat: 38°52N Lon: 86°50W

				Deg	ree Days t	o Selected	Base Tem	peratures	(°F)				
Base						Heatin	g Degree l	Days (1)					
Below	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Ann
65	1083	832	618	301	131	12	0	3	44	265	565	925	4779
60	928	693	476	180	64	2	0	0	13	162	421	770	3709
57	835	615	393	122	38	1	0	0	5	114	341	686	3150
55	782	563	341	90	25	0	0	0	3	87	291	627	2809
50	636	436	229	34	8	0	0	0	0	38	183	487	2051
32	223	114	23	0	0	0	0	0	0	0	9	130	499

Base						Coolin	g Degree l	Days (1)					
Above	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Ann
32	163	206	428	700	1014	1226	1394	1342	1104	799	436	228	9040
55	9	11	33	101	327	536	681	629	417	173	27	12	2956
57	0	7	23	72	277	477	619	567	359	138	18	8	2565
60	0	2	13	40	211	388	526	474	277	93	8	0	2032
65	0	0	0	11	122	248	371	323	158	41	1	0	1275
70	0	0	0	2	59	129	221	185	72	14	0	0	682

										Base Growing Degree Units (Monthly) Growing Degree Units (Accumulated Monthly)														
Base					Growin	g Degree	Units (M	(Ionthly)								Growi	ng Degre	e Units (Accumu	lated Mo	onthly)			
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	39	91	241	482	781	1001	1156	1108	875	559	242	70	39	130	371	853	1634	2635	3791	4899	5774	6333	6575	6645
45	5 18 46 150 344 626 851 1001 953 725 413 149 3												18	64	214	558	1184	2035	3036	3989	4714	5127	5276	5306
50	5	17	87	224	472	701	846	798	575	277	85	12	5	22	109	333	805	1506	2352	3150	3725	4002	4087	4099
55	0	4	45	129	326	551	691	643	427	163	39	3	0	4	49	178	504	1055	1746	2389	2816	2979	3018	3021
60	0	1	14	65	198	401	536	488	293	82	11	0	0	1	15	80	278	679	1215	1703	1996	2078	2089	2089
Base	se Growing Degree Units for Corn (Monthly)														Gr	owing D	egree Un	its for C	orn (Acc	umulate	d Month	ly)		
50/86	50/86 25 50 152 296 501 680 805 764 579 346 136											37	25	75	227	523	1024	1704	2509	3273	3852	4198	4334	4371

(1) Derived from the 1971-2000 Monthly Normals

(2) Derived from 1971-2000 serially complete daily data

Note: For corn, temperatures below 50 are set to 50, and temperatures above 86 are set to 86

Notes

- a. The monthly means are simple arithmetic averages computed by summing the monthly values for the period 1971-2000 and dividing by thirty. Prior to averaging, the data are adjusted if necessary to compensate for data quality issues, station moves or changes in station reporting practices. Missing months are replaced by estimates based on neighboring stations.
- b. The median is defined as the middle value in an ordered set of values. The median is being provided for the snow and precipitation elements because the mean can be a misleading value for precipitation normals.
 - c. Only observed validated values were used to select the extreme daily values.
 - d. Extreme monthly temperature/precipitation means were selected from the monthly normals data.

Monthly snow extremes were calculated from daily values quality controlled to be consistent with the Snow Climatology.

e. Degree Days were derived using the same techniques as the 1971-2000 normals.

Compete documentation for the 1971-2000 Normals is available on the internet from:

www.ncdc.noaa.gov/oa/climate/normals/usnormals.html

f. Mean "number of days statistics" for temperature and precipitation were calculated from a serially complete daily data set .

Documentation of the serially complete data set is available from the link below:

g. Snowfall and snow depth statistics were derived from the Snow Climatology.

Documentation for the Snow Climatology project is available from the link under references.

Data Sources for Tables

Several different data sources were used to create the Clim20 climate summaries. In some cases the daily extremes appear inconsistent with the monthly extremes and or the mean number of days statistics. For example, a high daily extreme value may not be reflected in the highest monthly value or the mean number of days threshold that is less than and equal to the extreme value. Some of these difference are caused by different periods of record. Daily extremes are derived from the station's entire period of record while the serial data and normals data were are for the 1971-2000 period. Therefore extremes observed before 1971 would not be included in the 1971-2000 normals or the 1971-2000 serial daily data set. Inconsistencies can also occur when monthly values are adjusted to reflect the current observing conditions or were replaced during the 1971-2000 Monthly Normals processing and are not reconciled with the Summary of the Day data.

- a. Temperature/ Precipitation Tables
 - 1. 1971-2000 Monthly Normals
 - 2. Cooperative Summary of the Day
 - 3. National Weather Service station records
 - 4. 1971-2000 serially complete daily data

- c. Snow Tables
 - 1. Snow Climatology
 - 2. Cooperative Summary of the Day
- d. Freeze Data Table

1971-2000 serially complete daily data

- b. Degree Day Table
 - 1. Monthly and Annual Heating and Cooling Degree Days Normals to Selected Bases derived from 1971-2000 Monthly Normals
 - 2. Daily Normal Growing Degree Units to Selected Base Temperatures derived from 1971-2000 serially complete daily data

References

U.S. Climate Normals 1971-2000, www.ncdc.noaa.gov/normals.html

U.S. Climate Normals 1971-2000-Products Clim20, www.ncdc.noaa.gov/oa/climate/normals/usnormalsprods.html

Snow Climatology Project Description, www.ncdc.noaa.gov/oa/climate/monitoring/snowclim/mainpage.html

Eischeid, J. K., P. Pasteris, H. F. Diaz, M. Plantico, and N. Lott, 2000: Creating a serially complete, national daily time series of temperature and precipitation for the Western United States. J. Appl. Meteorol., 39, 1580-1591,

www1.ncdc.noaa.gov/pub/data/special/ serialcomplete_jam_0900.pdf