

# Climatography of the United States

No. 20

1971-2000

Station: PUNTILLA, AK

COOP ID: 507783

Climate Division: AK 5

NWS Call Sign: PTI

Elevation: 1,832 Feet Lat: 62°06N

Lon: 152°45W

## Temperature (°F)

Mean (1)				Extremes										Degree Days (1) Base Temp 65		Mean Number of 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 >= 90	Max >= 70	Max >= 50	Max <= 32	Min <= 32	Min <= 0
Jan	14.2	-4.6	4.8	43	1950	23	22.5	1981	-50	1989	27	-11.9	1971	1868	0	.0	.0	.0	28.9	31.0	18.0
Feb	17.8	-3.2	7.3	47	1955	17	24.5	1997	-45	1968	5	-10.9	1979	1616	0	.0	.0	.0	24.1	28.2	15.8
Mar	27.3	2.3	14.8	52	1981	19	25.4	1984	-40	1964	15	-.3	1971	1556	0	.0	.0	.1	20.1	30.9	13.5
Apr	37.8	14.3	26.1	59	1995	29	32.8	1995	-22	1959	19	14.6	1972	1169	0	.0	.0	1.5	5.9	29.4	5.1
May	49.8	27.8	38.8	80	1993	30	44.7	1996	-2	2001	4	30.4	1971	813	0	.0	.3	14.7	.1	22.3	.0
Jun	60.9	36.3	48.6	86	1953	26	52.3	1990	19	1965	5	43.5	1972	493	0	.0	4.1	27.5	.0	6.4	.0
Jul	64.3	41.5	52.9	84+	1951	11	57.2	1993	25+	1987	1	47.3	1971	375	0	.0	7.9	30.7	.0	1.0	.0
Aug	60.4	38.5	49.5	83	1990	13	53.7	1994	17	1955	30	45.6	1980	482	0	.0	3.3	30.0	.0	4.0	.0
Sep	49.7	31.0	40.4	73	1974	3	47.1	1995	5	1956	27	31.8	1992	739	0	.0	.1	15.6	.2	14.8	.0
Oct	33.3	14.7	24.0	61	1984	16	30.2	1979	-20	1989	21	17.8	1982	1272	0	.0	.0	.9	11.9	28.7	3.7
Nov	20.1	.8	10.5	50	1963	21	18.6	1976	-36	1963	25	.0	1977	1637	0	.0	.0	.0	27.2	30.0	14.0
Dec	15.2	-3.2	6.0	45	1955	21	19.9	1985	-44	1961	29	-10.2	1980	1831	0	.0	.0	.0	29.4	31.0	17.8
Ann	37.6	16.4	27.0	86	Jun 1953	26	57.2	Jul 1993	-50	Jan 1989	27	-11.9	Jan 1971	13851	0	.0	15.7	121.0	147.8	257.7	87.9

+ Also occurred on an earlier date(s)

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

Complete documentation available from: [www.ncdc.noaa.gov/oa/climate/normals/usnormals.html](http://www.ncdc.noaa.gov/oa/climate/normals/usnormals.html)

Issue Date: October 2004

(1) From the 1971-2000 Monthly Normals

(2) Derived from station's available digital record: 1949-2001

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

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## No. 20

### 1971-2000

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

Station: PUNTILLA, AK

COOP ID: 507783

Climate Division: AK 5

NWS Call Sign: PTI

Elevation: 1,832 Feet Lat: 62°06N

Lon: 152°45W

Precipitation (inches)																								
	Precipitation Totals									Mean Number of Days (3)				Precipitation Probabilities (1) Probability that the monthly/annual precipitation will be equal to or less than the indicated amount										
	Means/ Medians(1)		Extremes							Daily Precipitation				Monthly/Annual Precipitation vs Probability Levels These values were determined from the incomplete gamma distribution										
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	1.31	.99	1.93	1961	21	3.49	1981	.00	1998	7.4	4.3	.2	.1	.08	.20	.40	.60	.80	1.03	1.29	1.61	2.06	2.78	3.49
Feb	1.49	.81	4.96	1977	4	17.16	1977	.00+	1999	7.1	3.6	.6	.3	.00	.00	.14	.33	.58	.88	1.27	1.78	2.51	3.79	5.09
Mar	1.12	.73	3.50	1979	22	7.71	1979	.00+	1998	5.0	2.5	.5	.2	.00	.00	.14	.30	.49	.72	1.00	1.36	1.87	2.75	3.63
Apr	.51	.19	1.90	1977	4	2.12	1974	.00+	2000	5.1	3.0	1.0	.3	.00	.00	.06	.13	.22	.33	.45	.62	.86	1.27	1.68
May	.53	.32	1.50+	2001	24	2.49	1976	.00+	2000	3.6	2.0	.2	.1	.00	.00	.07	.14	.24	.34	.48	.65	.89	1.30	1.72
Jun	1.92	1.20	3.50	1998	7	18.44	1975	.00	1999	6.4	3.4	.4	.1	.02	.11	.31	.57	.87	1.23	1.69	2.29	3.14	4.63	6.12
Jul	2.07	1.63	6.03	2001	31	11.40	1974	.00+	2000	10.1	5.8	.8	@	.00	.31	.72	1.05	1.38	1.73	2.12	2.59	3.22	4.23	5.20
Aug	2.37	2.07	6.01	2001	24	11.10	1976	.00+	2000	10.0	5.7	.8	.0	.00	.00	.89	1.31	1.69	2.08	2.52	3.03	3.66	4.70	5.68
Sep	3.16	2.04	2.75	1976	8	20.01	1976	.00+	2000	8.9	5.1	.9	.3	.00	.22	.72	1.21	1.73	2.33	3.04	3.91	5.12	7.15	9.14
Oct	1.50	1.25	1.60	1974	24	5.32	1974	.30	1997	8.0	3.8	.6	.2	.22	.35	.57	.77	.99	1.23	1.50	1.83	2.28	3.01	3.71
Nov	1.21	1.01	1.40+	1975	19	4.20	1979	.00	1984	7.7	3.4	.3	.1	.12	.26	.47	.64	.82	1.01	1.23	1.50	1.85	2.42	2.96
Dec	1.52	1.50	1.45	1973	8	5.10	1973	.29	1980	9.7	4.8	.2	@	.39	.53	.75	.95	1.14	1.34	1.57	1.83	2.18	2.73	3.25
Ann	18.71	16.00	6.03	Jul 2001	31	20.01	Sep 1976	.00+	Sep 2000	89.0	47.4	6.6	1.7	5.87	7.65	10.29	12.55	14.73	16.99	19.48	22.39	26.15	32.01	37.43

+ Also occurred on an earlier date(s)

# 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

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COOP ID: 507783

Climate Division: AK 5

NWS Call Sign: PTI

Elevation: 1,832 Feet

Lat: 62°06N

Lon: 152°45W

Snow (inches)																							
Snow Totals															Mean Number of Days (1)								
Means/Medians (1)					Extremes (2)										Snow Fall >= Thresholds					Snow Depth >= Thresholds			
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	14.5	16.5	32	30	19.0	1986	4	39.6	1981	91	1994	28	82	1994	6.9	5.3	1.3	.4	.1	27.0	26.8	26.7	26.7
Feb	11.7	9.9	42	40	12.3	1997	21	35.1	1977	92	1994	7	91	1994	6.1	4.1	1.0	.3	.1	24.7	24.7	24.7	24.7
Mar	8.0	6.8	46	44	26.3	1995	17	30.6	1981	98	1994	2	96	1994	4.4	2.7	.4	.2	.0	27.4	27.4	27.4	27.2
Apr	7.2	6.1	32	30	8.0	1987	8	32.2	1977	90	1994	1	62	1994	3.3	2.3	.6	.3	.0	24.0	24.0	23.9	21.6
May	1.2	.0	5	3	3.1	1979	6	6.0	1971	40+	1972	5	20	1971	.7	.5	.1	.0	.0	12.9	11.6	9.6	6.5
Jun	.0	.0	0	0	#	1971	1	.0	0	1	1977	1	0	0	.0	.0	.0	.0	.0	.0	.0	.0	.0
Jul	.0	.0	0	0	#	1971	2	.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	.7	.0	0	0	6.0	1996	25	6.0	1996	4+	1996	25	1	1996	.4	.2	.1	.0	.0	.5	.2	.0	.0
Oct	8.4	10.0	2	2	11.1	1995	11	20.3	1995	15+	1997	31	6	1995	3.7	2.7	.5	.2	.1	12.9	7.7	3.7	.6
Nov	13.9	12.4	8	7	11.0	1985	10	45.1	1979	38	1979	28	21	1993	6.2	4.3	1.2	.4	.0	24.0	21.0	17.9	8.3
Dec	16.7	20.5	21	18	11.0	1996	17	38.4	1993	75	1993	29	57	1993	8.3	5.8	1.4	.4	.0	26.0	25.9	25.2	20.5
Ann	82.3	82.2	N/A	N/A	26.3	Mar 1995	17	45.1	Nov 1979	98	Mar 1994	2	96	Mar 1994	40.0	27.9	6.6	2.2	.3	179.4	169.3	159.1	136.1

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

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-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

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**Elevation: 1,832 Feet**

**Lat: 62° 06N**

**Lon: 152° 45W**

Freeze Data									
Spring Freeze Dates (Month/Day)									
Temp (F)	Probability of later date in spring (thru Jul 31) than indicated(*)								
	.10	.20	.30	.40	.50	.60	.70	.80	.90
36	8/05	7/30	7/26	7/22	7/18	7/15	7/11	7/07	7/01
32	7/26	7/18	7/12	7/07	7/02	6/27	6/22	6/16	6/08
28	7/05	6/27	6/21	6/15	6/10	6/06	5/31	5/25	5/17
24	6/04	5/29	5/26	5/22	5/19	5/16	5/13	5/09	5/03
20	5/23	5/18	5/14	5/10	5/07	5/04	5/01	4/27	4/21
16	5/16	5/11	5/07	5/04	5/01	4/27	4/24	4/20	4/15
Fall Freeze Dates (Month/Day)									
Temp (F)	Probability of earlier date in fall (beginning Aug 1) than indicated(*)								
	.10	.20	.30	.40	.50	.60	.70	.80	.90
36	8/02	8/05	8/07	8/09	8/11	8/12	8/14	8/16	8/19
32	8/06	8/10	8/13	8/16	8/18	8/21	8/23	8/26	8/30
28	8/13	8/19	8/24	8/28	9/01	9/05	9/09	9/13	9/20
24	8/21	8/28	9/02	9/06	9/10	9/14	9/18	9/23	9/29
20	9/03	9/09	9/13	9/16	9/20	9/23	9/27	10/01	10/07
16	9/17	9/21	9/25	9/28	9/30	10/03	10/06	10/09	10/14
Freeze Free Period									
Temp (F)	Probability of longer than indicated freeze free period (Days)								
	.10	.20	.30	.40	.50	.60	.70	.80	.90
36	45	37	31	27	22	18	13	8	0
32	79	68	60	53	46	40	33	25	14
28	121	108	98	89	82	74	65	56	42
24	136	128	122	117	113	108	103	98	89
20	156	149	144	139	135	131	126	121	114
16	173	166	161	156	152	148	143	138	131

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

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

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**NWS Call Sign: PTI**

**Elevation: 1,832 Feet    Lat: 62°06N**

**Lon: 152°45W**

Degree Days to Selected Base Temperatures (°F)													
Base	Heating Degree Days (1)												
Below	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Ann
65	1868	1616	1556	1169	813	493	375	482	739	1272	1637	1831	13851
60	1713	1476	1401	1019	658	345	227	328	589	1117	1487	1676	12036
57	1620	1392	1308	929	565	261	147	240	499	1024	1397	1583	10965
55	1558	1336	1246	869	503	208	104	186	440	962	1337	1521	10270
50	1403	1196	1091	719	356	103	30	81	299	807	1187	1366	8638
32	875	723	560	253	35	0	0	0	19	282	652	822	4221

Base	Cooling Degree Days (1)												
Above	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Ann
32	30	31	27	74	245	497	648	541	269	33	5	14	2414
55	0	0	0	0	0	15	39	14	1	0	0	0	69
57	0	0	0	0	0	8	20	7	0	0	0	0	35
60	0	0	0	0	0	2	7	1	0	0	0	0	10
65	0	0	0	0	0	0	0	0	0	0	0	0	0
70	0	0	0	0	0	0	0	0	0	0	0	0	0

Growing Degree Units (2)																								
Base	Growing Degree Units (Monthly)												Growing Degree Units (Accumulated Monthly)											
	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	0	0	0	0	58	285	426	327	95	1	0	0	0	0	0	0	58	343	769	1096	1191	1192	1192	1192
45	0	0	0	0	10	151	273	181	23	0	0	0	0	0	0	0	10	161	434	615	638	638	638	638
50	0	0	0	0	2	58	135	67	2	0	0	0	0	0	0	0	2	60	195	262	264	264	264	264
55	0	0	0	0	0	13	43	14	0	0	0	0	0	0	0	0	0	13	56	70	70	70	70	70
60	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	3	3	3	3	3	3
Base	Growing Degree Units for Corn (Monthly)												Growing Degree Units for Corn (Accumulated Monthly)											
50/86	0	0	0	0	48	174	232	179	42	0	0	0	0	0	0	0	48	222	454	633	675	675	675	675

(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

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