

Summary of Monthly Normals
1991-2020

Current Location: Elev: 2070 ft. Lat: 63.7175° N Lon: 148.9692° W
Station: MCKINLEY PARK, AK US USC00505778

Temperature (°F)																						
Mean							Cooling Degree Days						Heating Degree Days				Mean Number of Days					
							Base (above)						Base (above)									
Month	Daily Max	Daily Min	Mean	Long Term Max Std Dev	Long Term Min Std Dev	Long Term Avg Std Dev	55	57	60	65	70	72	55	57	60	65	Max >= 100	Max >= 90	Max >= 50	Max <= 32	Min <= 32	Min <= 0
01	10.1	-5.7	2.2	9.4	8.7	9.0	0.0	0.0	0.0	0.0	0.0	0.0	1636.6	1698.6	1791.6	1946.6	0.0	0.0	0.1	25.8	30.6	18.3
02	19.6	-0.9	9.3	7.1	7.3	7.2	0.0	0.0	0.0	0.0	0.0	0.0	1278.3	1334.3	1418.3	1558.3	0.0	0.0	0.1	21.1	27.6	13.5
03	25.1	-0.1	12.5	6.7	8.0	7.3	0.0	0.0	0.0	0.0	0.0	0.0	1317.4	1379.4	1472.4	1627.4	0.0	0.0	0.1	20.7	30.8	15.4
04	40.6	16.9	28.7	4.7	4.7	4.6	0.0	0.0	0.0	0.0	0.0	0.0	787.6	847.5	937.5	1087.5	0.0	0.0	4.9	5.4	28.7	2.9
05	54.9	31.1	43.0	4.2	2.8	3.4	2.4	0.7	0.0	0.0	0.0	0.0	374.4	434.7	527.0	682.0	0.0	0.0	22.5	0.5	16.7	0.0
06	65.3	40.8	53.0	2.9	1.7	2.0	49.6	31.1	13.0	2.0	0.1	0.0	108.1	149.6	221.6	360.6	0.0	0.0	29.2	0.0	1.1	0.0
07	66.4	44.5	55.5	3.0	1.5	2.1	71.8	42.8	16.5	1.7	0.0	0.0	57.9	90.8	157.6	297.8	0.0	0.0	30.6	0.0	0.1	0.0
08	61.1	40.8	50.9	3.6	2.3	2.7	26.1	15.7	6.3	0.5	0.0	0.0	151.7	203.3	286.9	436.1	0.0	0.0	29.3	0.0	2.3	0.0
09	50.7	30.9	40.8	4.5	4.0	4.1	0.8	0.3	0.0	0.0	0.0	0.0	426.8	486.3	576.0	726.0	0.0	0.0	18.4	1.2	15.7	0.3
10	33.7	15.7	24.7	6.3	7.2	6.7	0.1	0.0	0.0	0.0	0.0	0.0	939.4	1001.3	1094.3	1249.3	0.0	0.0	2.2	13.0	28.0	4.3
11	17.6	1.9	9.8	8.4	8.2	8.3	0.0	0.0	0.0	0.0	0.0	0.0	1357.4	1417.4	1507.4	1657.4	0.0	0.0	0.0	24.2	29.4	13.9
12	13.8	-2.5	5.6	7.4	7.4	7.3	0.0	0.0	0.0	0.0	0.0	0.0	1529.9	1591.9	1684.9	1839.9	0.0	0.0	0.0	26.2	30.7	17.4
Summary	38.2	17.8	28.0	5.7	5.3	5.4	151	91	36	4	0	0	9965	10635	11675	13469	0.0	0.0	137.4	138.1	241.7	86.0

Empty or blank cells indicate data is missing or insufficient occurrences to compute value

Current Location: Elev: 2070 ft. Lat: 63.7175° N Lon: 148.9692° W
Station: MCKINLEY PARK, AK US USC00505778

Summary of Monthly Normals
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Generated on 04/17/2024

Precipitation (in.)								
	Totals	Mean Number of Days				Precipitation Probabilities Probability that precipitation will be equal to or less than the indicated amount		
	Means	Daily Precipitation				Monthly Precipitation vs. Probability Levels		
Month	Mean	>= 0.01	>= 0.10	>= 0.50	>= 1.00	0.25	0.50	0.75
01	0.61	8.3	1.8	0.1	0.0	0.31	0.49	0.86
02	0.71	6.9	1.8	0.2	0.0	0.22	0.36	0.77
03	0.51	5.8	1.2	0.2	0.0	0.19	0.28	0.69
04	0.43	4.4	1.4	0.1	0.0	0.08	0.24	0.54
05	0.84	7.3	2.5	0.2	0.0	0.42	0.72	1.32
06	2.42	14.0	6.6	1.1	0.2	1.32	2.07	3.32
07	3.12	16.2	8.5	1.7	0.3	2.34	2.94	3.97
08	3.01	16.9	8.2	1.5	0.3	1.78	2.54	3.62
09	1.74	13.4	5.6	0.5	0.1	1.07	1.51	2.25
10	0.84	9.8	2.6	0.2	0.0	0.39	0.75	1.11
11	0.84	10.6	2.5	0.3	0.0	0.36	0.53	1.34
12	0.83	9.7	2.3	0.2	0.0	0.41	0.65	0.98
Summary	15.90	123.3	45.0	6.3	0.9	8.89	13.08	20.77

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1991-2020

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Snow (in.)													
	Totals	Mean Number of Days									Snow Probabilities Probability that snow will be equal to or less than the indicated amount		
	Means	Snowfall >= Thresholds					Snow Depth >= Thresholds				Monthly Snow vs. Probability Levels Values derived from the incomplete gamma distribution.		
Month	Snowfall Mean	0.01	1.0	3.0	5.00	10.00	1	3	5	10	.25	.50	.75
01	9.60	9.1	3.2	0.7	0.3	0.0	31.0	30.9	30.1	24.3	5.20	8.60	12.00
02	9.60	7.3	2.7	0.7	0.3	0.1	28.5	27.7	27.6	27.6	2.80	6.90	9.00
03	8.20	6.2	2.4	0.6	0.3	0.0	31.0	30.6	29.9	29.5	3.20	5.20	9.00
04	6.90	4.6	1.6	0.7	0.3	0.0	28.5	28.0	27.4	25.2	1.10	3.40	11.00
05	2.60	1.7	0.7	0.2	0.1	0.0	8.2	7.2	6.6	4.5	0.00	0.50	2.90
06	0.10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
07	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
08	0.00	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
09	5.00	2.1	1.2	0.6	0.3	0.2	3.1	1.8	1.2	1.0	0.00	0.20	3.20
10	9.40	8.3	3.1	0.7	0.3	0.0	18.3	12.5	7.6	3.2	3.20	7.70	12.20
11	12.90	11.4	3.7	1.1	0.5	0.1	27.2	23.3	18.8	9.8	4.80	9.50	19.70
12	12.40	10.5	3.5	0.9	0.4	0.1	30.5	30.3	27.6	18.9	6.90	9.40	16.20
Summary	76.7	61.3	22.1	6.2	2.8	0.5	206.3	192.3	176.8	144.0	27.2	51.4	95.2

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Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	0.6	0.5	0.0	11.3	139.5	392.5	479.0	341.3	107.7	11.1	0.4	0.3
45	0.1	0.0	0.0	2.6	55.3	248.8	325.7	196.2	35.2	2.9	0.0	0.0
50	0.0	0.0	0.0	0.4	14.8	126.6	182.5	82.6	6.6	0.8	0.0	0.0
55	0.0	0.0	0.0	0.0	2.4	49.6	71.8	26.1	0.8	0.1	0.0	0.0
60	0.0	0.0	0.0	0.0	0.0	13.0	16.5	6.3	0.0	0.0	0.0	0.0
Growing Degree Units for Corn (Monthly)												
50/86	0.3	0.2	0.0	12.1	100.9	232.3	257.6	175.7	59.9	5.0	0.0	0.0

Growing Degree Units (Accumulated Monthly)												
40	1	1	1	12	152	544	1023	1365	1472	1484	1484	1484
45	0	0	0	3	58	307	632	829	864	867	867	867
50	0	0	0	0	15	142	324	407	414	414	414	414
55	0	0	0	0	2	52	124	150	151	151	151	151
60	0	0	0	0	0	13	30	36	36	36	36	36
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	0	0	0	13	114	346	603	779	839	844	844	844

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