

Summary of Monthly Normals
1981-2010

Generated on 04/28/2024

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	11.1	-4.9	3.1	9.6	9.1	9.3	0	0	0	0	0	0	1609	1671	1764	1919	0.0	0.0	-7777	25.8	30.6	18.3
02	17.3	-2.1	7.6	9.0	9.2	9.1	0	0	0	0	0	0	1327	1383	1467	1607	0.0	0.0	0.1	21.0	27.5	14.4
03	25.6	1.2	13.4	6.2	7.2	6.6	0	0	0	0	0	0	1289	1351	1444	1599	0.0	0.0	-7777	19.6	30.9	14.6
04	39.4	16.4	27.9	4.7	4.8	4.6	-7777	0	0	0	0	0	813	873	963	1113	0.0	0.0	3.4	5.7	28.9	3.0
05	54.4	31.2	42.8	4.0	2.9	3.3	3	1	-7777	0	0	0	381	441	533	688	0.0	0.0	21.6	0.3	16.3	0.0
06	65.0	40.6	52.8	2.5	1.7	1.9	46	28	11	2	-7777	0	112	154	227	368	0.0	-7777	29.2	0.0	1.5	0.0
07	66.7	44.6	55.6	3.2	1.6	2.1	76	45	17	2	0	0	56	87	152	292	0.0	0.0	30.4	0.0	0.2	0.0
08	60.9	40.4	50.6	3.8	2.3	2.8	28	17	7	1	0	0	163	214	297	446	0.0	0.0	28.5	0.0	2.5	0.0
09	50.2	30.6	40.4	4.6	4.3	4.2	1	-7777	-7777	0	0	0	439	498	588	738	0.0	0.0	17.2	1.3	16.1	0.2
10	31.6	14.2	22.9	5.9	6.7	6.3	-7777	-7777	0	0	0	0	995	1057	1150	1305	0.0	0.0	1.2	14.7	29.2	4.4
11	16.5	1.3	8.9	7.9	7.7	7.8	0	0	0	0	0	0	1383	1443	1533	1683	0.0	0.0	0.0	24.8	29.4	14.1
12	14.9	-1.2	6.9	7.4	7.7	7.5	0	0	0	0	0	0	1493	1555	1648	1803	0.0	0.0	0.0	25.2	30.4	17.0
Summary	37.8	17.7	27.7	5.7	5.4	5.5	154	91	35	5	0	0	10060	10727	11766	13561	0.0	0.0	131.6	138.4	243.5	86.0

-7777: a non-zero value that would round to zero
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U.S. Department of Commerce
National Oceanic & Atmospheric Administration
National Environmental Satellite, Data, and Information Service

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National Centers for Environmental Information
151 Patton Avenue
Asheville, North Carolina 28801

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	0.63	7.6	1.8	0.1	0.0	0.30	0.48	0.95
02	0.54	6.0	1.5	0.2	-7777	0.20	0.39	0.69
03	0.39	4.9	0.9	0.1	0.0	0.18	0.32	0.43
04	0.40	4.0	1.2	0.1	0.0	0.05	0.18	0.60
05	0.87	6.5	2.3	0.2	-7777	0.44	0.79	1.12
06	2.15	12.6	6.2	1.0	0.3	1.31	1.75	3.14
07	3.22	15.6	8.7	1.7	0.4	2.39	2.94	4.19
08	2.71	15.6	7.7	1.4	0.3	1.53	2.65	3.75
09	1.70	11.8	5.1	0.4	0.1	0.93	1.44	2.02
10	0.78	9.7	2.2	0.2	-7777	0.35	0.59	1.13
11	0.75	9.8	2.2	0.2	0.0	0.31	0.57	1.00
12	0.92	9.3	2.7	0.3	0.0	0.35	0.64	0.95
Summary	15.06	113.4	42.5	5.9	1.1	8.34	12.74	19.97

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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	9.0	8.4	3.1	0.7	0.3	-7777	31.0	30.9	29.0	22.4	4.9	6.7	11.4
02	8.4	6.7	2.3	0.7	0.3	0.1	28.2	27.4	26.7	24.8	2.7	6.9	9.7
03	6.8	5.6	2.1	0.6	0.3	-7777	31.0	30.6	29.5	26.6	1.9	5.4	8.7
04	6.1	4.4	1.7	0.6	0.3	-7777	29.1	28.8	28.0	24.7	0.3	2.8	11.0
05	3.1	1.7	0.6	0.3	0.2	-7777	7.6	7.0	6.4	4.5	0.0	0.3	2.9
06	0.1	-7777	-7777	-7777	0.0	0.0	-7777	0.0	0.0	0.0	0.0	0.0	0.0
07	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
08	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
09	4.7	2.1	1.2	0.5	0.2	0.1	3.1	1.7	1.1	0.9	0.0	1.2	5.0
10	9.9	9.0	3.3	0.7	0.3	-7777	18.5	11.7	7.1	2.7	3.4	9.9	12.7
11	13.2	10.8	3.8	1.2	0.6	0.1	27.6	24.6	19.8	10.3	6.8	10.7	17.4
12	15.4	10.5	3.9	1.2	0.8	0.2	31.0	30.2	27.2	19.6	5.9	9.7	18.6
Summary	76.7	59.2	22.0	6.5	3.3	0.5	207.1	192.9	174.8	136.5	25.9	53.6	97.4

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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	-7777	-7777	-7777	7	134	385	485	333	104	8	1	-7777
45	0	-7777	0	2	55	242	332	191	37	3	-7777	0
50	0	0	0	-7777	16	122	188	83	7	1	0	0
55	0	0	0	-7777	3	46	76	28	1	-7777	0	0
60	0	0	0	0	-7777	11	17	7	-7777	0	0	0
Growing Degree Units for Corn (Monthly)												
50/86	-7777	-7777	-7777	7	95	227	263	174	57	3	-7777	-7777

Growing Degree Units (Accumulated Monthly)												
40	0	0	0	7	141	526	1011	1344	1448	1456	1457	1457
45	0	0	0	2	57	299	631	822	859	862	862	862
50	0	0	0	0	16	138	326	409	416	417	417	417
55	0	0	0	0	3	49	125	153	154	154	154	154
60	0	0	0	0	0	11	28	35	35	35	35	35
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	0	0	0	7	102	329	592	766	823	826	826	826

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

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