

Summary of Monthly Normals
1991-2020

Generated on 04/27/2024

Current Location: Elev: 1025 ft. Lat: 63.9033° N Lon: 152.2817° W

Station: MINCHUMINA, AK US USC00505881

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	3.1	-10.3	-3.6	7.0	7.5	7.2	0.0	0.0	0.0	0.0	0.0	0.0	1816.4	1878.3	1971.3	2126.4	0.0	0.0	0.0	30.5	31.0	22.5
02	9.7	-4.6	2.5	5.5	6.8	6.0	0.0	0.0	0.0	0.0	0.0	0.0	1468.7	1524.7	1608.7	1748.7	0.0	0.0	0.0	27.1	28.0	17.1
03	20.6	1.3	10.9	5.9	6.1	5.8	0.0	0.0	0.0	0.0	0.0	0.0	1365.4	1427.3	1520.3	1675.4	0.0	0.0	0.0	24.9	30.7	13.6
04	40.6	20.2	30.4	3.9	4.1	3.9	0.4	0.1	0.0	0.0	0.0	0.0	738.3	798.1	888.0	1037.9	0.0	0.0	3.9	6.7	27.8	2.1
05	57.4	37.0	47.2	3.2	3.8	3.4	15.3	7.9	2.0	0.0	0.0	0.0	257.2	311.8	398.9	551.9	0.0	0.0	25.5	0.6	8.5	0.0
06	68.0	47.8	57.9	2.7	2.5	2.5	122.4	86.2	46.2	13.4	2.6	1.2	35.5	59.4	109.4	226.5	0.0	0.2	29.9	0.0	0.1	0.0
07	69.0	50.8	59.9	3.3	1.7	2.3	167.9	121.5	67.3	17.6	2.1	0.7	16.0	31.6	70.5	175.7	0.0	0.0	31.0	0.0	0.0	0.0
08	62.6	46.3	54.4	2.3	1.9	1.9	54.1	30.4	10.1	0.9	0.0	0.0	71.2	109.5	182.3	327.9	0.0	0.0	30.3	0.0	0.2	0.0
09	51.4	36.6	44.0	4.4	2.6	3.3	1.1	0.3	0.1	0.0	0.0	0.0	331.1	390.4	480.1	630.0	0.0	0.0	20.6	0.1	6.0	0.0
10	32.2	21.2	26.7	4.4	5.0	4.6	0.0	0.0	0.0	0.0	0.0	0.0	877.3	939.4	1032.4	1187.3	0.0	0.0	1.2	13.3	27.1	0.4
11	13.3	1.0	7.1	5.3	6.6	5.9	0.0	0.0	0.0	0.0	0.0	0.0	1435.3	1495.2	1585.2	1735.3	0.0	0.0	0.0	29.0	30.0	11.6
12	4.7	-7.5	-1.4	5.1	5.7	5.4	0.0	0.0	0.0	0.0	0.0	0.0	1748.3	1810.3	1903.3	2058.3	0.0	0.0	0.0	30.5	31.0	20.9
Summary	36.0	20.0	28.0	4.4	4.5	4.3	361	246	126	32	5	2	10161	10776	11750	13481	0.0	0.2	142.4	162.7	220.4	88.2

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

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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	0.66	6.7	1.5	0.1	0.0	0.20	0.42	1.09
02	0.51	6.1	1.7	0.0	0.0	0.25	0.41	0.71
03	0.35	4.9	1.2	0.1	0.0	0.13	0.25	0.36
04	0.31	3.5	1.2	0.1	0.1	0.11	0.17	0.30
05	0.64	6.0	2.2	0.3	0.0	0.35	0.63	0.94
06	2.21	13.4	6.4	1.0	0.1	1.62	2.08	2.88
07	2.64	18.1	8.8	1.7	0.4	1.59	2.31	3.12
08	3.15	18.4	8.9	1.3	0.2	2.23	2.87	3.96
09	1.63	13.8	5.5	0.5	0.1	1.15	1.50	1.89
10	0.95	9.2	3.5	0.2	0.0	0.56	0.94	1.10
11	0.83	9.7	3.4	0.3	0.0	0.35	0.71	1.09
12	0.61	7.7	2.2	0.0	0.0	0.36	0.58	0.76
Summary	14.49	117.5	46.5	5.6	0.9	8.90	12.87	18.20

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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

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	8.20	6.9	3.0	0.6	0.2	0.1					2.20	7.10	9.80
02	6.70	6.7	3.0	0.7	0.1	0.0					2.90	5.20	9.90
03	3.40	5.1	1.9	0.2	0.1	0.0					1.40	2.60	4.40
04	3.70	2.4	1.2	0.4	0.1	0.0					0.70	1.70	4.40
05	0.70	0.7	0.2	0.0	0.0	0.0					0.00	0.00	1.40
06	0.00	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					0.00	0.00	0.00
08	0.00	0.0	0.0	0.0	0.0	0.0					0.00	0.00	0.00
09	1.50	0.9	0.4	0.2	0.1	0.0					0.00	0.00	1.60
10	6.90	5.9	2.3	0.6	0.0	0.0					3.00	5.70	10.90
11	13.20	9.7	4.4	0.9	0.3	0.1					11.20	13.60	16.80
12	9.60	8.6	3.6	0.7	0.1	0.0					7.00	9.40	12.00
Summary	53.9	46.9	20.0	4.3	1.0	0.2	0.0	0.0	0.0	0.0	28.4	45.3	71.2

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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	0.0	0.0	0.0	21.3	252.4	536.7	616.6	447.8	153.2	4.9	0.0	0.0
45	0.0	0.0	0.0	6.2	135.1	388.1	461.8	295.0	59.9	0.5	0.0	0.0
50	0.0	0.0	0.0	1.7	53.0	243.7	308.1	153.7	13.3	0.0	0.0	0.0
55	0.0	0.0	0.0	0.4	15.3	122.4	167.9	54.1	1.1	0.0	0.0	0.0
60	0.0	0.0	0.0	0.0	2.0	46.2	67.3	10.1	0.1	0.0	0.0	0.0
Growing Degree Units for Corn (Monthly)												
50/86	0.0	0.0	0.0	13.4	135.1	287.9	328.9	205.0	58.2	1.0	0.0	0.0

Growing Degree Units (Accumulated Monthly)												
40	0	0	0	21	274	810	1427	1875	2028	2033	2033	2033
45	0	0	0	6	141	529	991	1286	1346	1347	1347	1347
50	0	0	0	2	55	298	606	760	774	774	774	774
55	0	0	0	0	16	138	306	360	361	361	361	361
60	0	0	0	0	2	48	116	126	126	126	126	126
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	0	0	0	13	148	436	765	970	1028	1030	1030	1030

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