

Summary of Monthly Normals
1991-2020

Current Location: Elev: 17 ft. Lat: 70.3464° N Lon: 150.9283° W
Station: **ALPINE, AK US USC00500235**

Generated on 04/28/2024

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	-9.9	-22.0	-15.9	5.0	5.6	5.2	0.0	0.0	0.0	0.0	0.0	0.0	2199.1	2261.1	2354.2	2509.3	0.0	0.0	0.0	30.9	31.0	28.6
02	-9.1	-21.2	-15.1	8.5	7.4	7.9	0.0	0.0	0.0	0.0	0.0	0.0	1964.3	2020.3	2104.3	2244.3	0.0	0.0	0.0	28.0	28.0	24.4
03	-4.3	-19.5	-11.9	7.0	8.3	7.6	0.0	0.0	0.0	0.0	0.0	0.0	2073.5	2135.5	2228.7	2383.8	0.0	0.0	0.0	30.7	31.0	26.4
04	11.6	-2.3	4.6	5.6	5.7	5.6	0.0	0.0	0.0	0.0	0.0	0.0	1510.3	1570.3	1660.3	1810.4	0.0	0.0	0.0	29.1	30.0	15.2
05	30.5	20.5	25.5	4.3	4.6	4.3	0.0	0.0	0.0	0.0	0.0	0.0	914.6	976.6	1069.6	1224.5	0.0	0.0	0.3	15.0	29.1	1.5
06	47.6	34.2	40.9	4.7	2.8	3.7	5.6	2.6	0.5	0.0	0.0	0.0	428.8	485.9	573.7	723.2	0.0	0.0	12.9	0.8	12.4	0.0
07	56.0	42.8	49.4	3.5	2.1	2.8	33.1	21.0	8.7	1.5	0.0	0.0	206.9	256.8	337.4	485.1	0.0	0.0	23.7	0.0	0.5	0.0
08	50.8	38.5	44.7	4.7	2.8	3.6	10.0	5.5	1.8	0.1	0.0	0.0	330.9	388.5	477.7	630.9	0.0	0.0	15.5	0.0	2.7	0.0
09	39.8	31.7	35.8	3.6	3.2	3.3	0.1	0.0	0.0	0.0	0.0	0.0	577.6	637.6	727.5	877.5	0.0	0.0	4.1	4.3	14.7	0.0
10	25.9	17.3	21.6	3.4	4.2	3.7	0.0	0.0	0.0	0.0	0.0	0.0	1035.5	1097.5	1190.4	1345.3	0.0	0.0	0.0	25.1	30.5	1.0
11	9.0	-4.9	2.1	4.8	7.9	6.2	0.0	0.0	0.0	0.0	0.0	0.0	1588.2	1648.2	1738.3	1888.4	0.0	0.0	0.0	29.5	30.0	14.2
12	-3.0	-14.3	-8.6	5.8	6.1	5.9	0.0	0.0	0.0	0.0	0.0	0.0	1973.2	2035.2	2128.2	2283.2	0.0	0.0	0.0	30.8	31.0	26.1
Summary	20.4	8.4	14.4	5.1	5.1	5.0	49	29	11	2	0	0	14803	15514	16590	18406	0.0	0.0	56.5	224.2	270.9	137.4

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	0.34							
02	0.51							
03	0.38							
04	0.40							
05	0.21							
06	0.78							
07	1.40							
08	1.37							
09	0.79							
10	0.84							
11	0.53							
12	0.57							
Summary	8.12	0.0	0.0	0.0	0.0	0.00	0.00	0.00

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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	0.0	0.3	118.1	299.3	168.8	28.9	0.0	0.0	0.0
45	0.0	0.0	0.0	0.0	0.0	57.8	173.6	83.0	9.5	0.0	0.0	0.0
50	0.0	0.0	0.0	0.0	0.0	20.9	83.6	32.3	2.7	0.0	0.0	0.0
55	0.0	0.0	0.0	0.0	0.0	5.6	33.1	10.0	0.1	0.0	0.0	0.0
60	0.0	0.0	0.0	0.0	0.0	0.5	8.7	1.8	0.0	0.0	0.0	0.0
Growing Degree Units for Corn (Monthly)												
50/86	0.0	0.0	0.0	0.0	0.1	53.6	123.5	66.0	9.9	0.0	0.0	0.0
Growing Degree Units (Accumulated Monthly)												
40	0	0	0	0	0	118	418	586	615	615	615	615
45	0	0	0	0	0	58	231	314	324	324	324	324
50	0	0	0	0	0	21	104	137	140	140	140	140
55	0	0	0	0	0	6	39	49	49	49	49	49
60	0	0	0	0	0	0	9	11	11	11	11	11
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	0	0	0	0	0	54	177	243	253	253	253	253

Note: For corn, temperatures below 50 are set to 50, and temperatures above 86 are set to 86.
Empty or blank cells indicate data is missing or insufficient occurrences to compute value.