

Summary of Monthly Normals
1991-2020

Generated on 06/03/2024

Current Location: Elev: 655 ft. Lat: 64.8464° N Lon: 148.0256° W

Station: **ESTER, AK US USC00502870**

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	-0.3	-15.0	-7.7	8.0	7.9	7.9	0.0	0.0	0.0	0.0	0.0	0.0	1942.0	2004.0	2096.8	2252.0	0.0	0.0	0.0	30.7	31.0	25.7
02	11.0	-9.7	0.7	6.6	6.2	6.3	0.0	0.0	0.0	0.0	0.0	0.0	1521.9	1577.9	1661.9	1801.9	0.0	0.0	0.0	26.2	28.0	20.7
03	25.2	-4.6	10.3	6.7	7.8	7.1	0.0	0.0	0.0	0.0	0.0	0.0	1385.5	1447.5	1540.4	1695.5	0.0	0.0	0.4	21.6	31.0	20.4
04	44.9	18.3	31.6	5.1	4.8	4.8	0.1	0.0	0.0	0.0	0.0	0.0	702.0	762.0	852.1	1002.0	0.0	0.0	11.0	4.2	29.5	3.1
05	61.2	34.1	47.6	4.3	2.8	3.5	14.4	6.8	1.8	0.0	0.0	0.0	242.4	296.7	384.8	537.9	0.0	0.0	28.1	0.2	13.4	0.0
06	71.0	45.3	58.1	2.5	1.2	1.7	128.5	89.5	46.8	9.6	0.8	0.2	34.0	55.0	102.3	215.1	0.0	0.0	29.7	0.0	0.8	0.0
07	71.9	49.2	60.5	2.9	1.4	2.0	184.3	133.7	73.2	17.1	1.9	0.5	12.2	23.6	56.2	155.1	0.0	0.1	31.0	0.0	0.0	0.0
08	64.9	43.4	54.1	3.4	2.4	2.7	59.4	36.4	14.7	2.1	0.1	0.0	85.8	124.8	196.1	338.5	0.0	0.1	30.7	0.0	1.7	0.0
09	54.2	31.3	42.8	4.5	2.7	3.4	0.7	0.2	0.0	0.0	0.0	0.0	368.2	427.7	517.5	667.5	0.0	0.0	21.3	0.1	17.2	0.0
10	33.4	15.4	24.4	5.8	6.6	6.1	0.0	0.0	0.0	0.0	0.0	0.0	948.7	1010.7	1103.7	1258.7	0.0	0.0	3.5	13.0	30.0	3.6
11	11.2	-4.7	3.2	6.5	7.4	6.9	0.0	0.0	0.0	0.0	0.0	0.0	1552.3	1612.3	1702.1	1852.3	0.0	0.0	0.0	28.9	30.0	19.3
12	3.2	-11.6	-4.2	6.5	6.4	6.4	0.0	0.0	0.0	0.0	0.0	0.0	1835.2	1897.2	1990.2	2145.2	0.0	0.0	0.0	30.6	31.0	24.5
Summary	37.6	16.0	26.8	5.2	4.8	4.9	387	267	136	29	3	1	10630	11239	12204	13922	0.0	0.2	155.7	155.5	243.6	117.3

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	0.67							
02	0.61							
03	0.53							
04	0.41							
05	0.68							
06	2.08							
07	2.70							
08	2.83							
09	1.51							
10	0.89							
11	0.89							
12	0.75							
Summary	14.55	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	29.0	255.5	544.5	636.9	439.0	133.1	7.0	0.0	0.0
45	0.0	0.0	0.0	7.0	134.9	396.2	481.9	287.2	50.6	1.9	0.0	0.0
50	0.0	0.0	0.0	1.3	53.9	252.5	328.7	150.6	10.2	0.7	0.0	0.0
55	0.0	0.0	0.0	0.1	14.4	128.5	184.3	59.4	0.7	0.0	0.0	0.0
60	0.0	0.0	0.0	0.0	1.8	46.8	73.2	14.7	0.0	0.0	0.0	0.0
Growing Degree Units for Corn (Monthly)												
50/86	0.0	0.0	0.2	34.5	182.7	323.0	362.2	236.7	91.7	6.8	0.0	0.0

Growing Degree Units (Accumulated Monthly)												
40	0	0	0	29	284	829	1466	1905	2038	2045	2045	2045
45	0	0	0	7	142	538	1020	1307	1358	1360	1360	1360
50	0	0	0	1	55	308	636	787	797	798	798	798
55	0	0	0	0	14	143	327	387	387	387	387	387
60	0	0	0	0	2	49	122	136	136	136	136	136
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	0	0	0	35	217	540	903	1139	1231	1238	1238	1238

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.