

Summary of Monthly Normals
1991-2020

Generated on 04/29/2024

Current Location: Elev: 3250 ft. Lat: 68.0781° N Lon: 149.5647° W
Station: CHANDALAR SHELF DOT, AK US USC00501497

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	0.9	-10.6	-4.8	3.7	3.4	3.5	0.0	0.0	0.0	0.0	0.0	0.0	1855.1	1917.2	2010.2	2165.2	0.0	0.0	0.0	30.8	31.0	24.6
02	4.6	-8.2	-1.8	2.4	2.2	2.2	0.0	0.0	0.0	0.0	0.0	0.0	1590.5	1646.5	1730.5	1870.4	0.0	0.0	0.0	28.0	28.0	21.2
03	8.8	-6.2	1.3	7.4	6.3	6.7	0.0	0.0	0.0	0.0	0.0	0.0	1664.3	1726.4	1819.4	1974.5	0.0	0.0	0.0	30.9	31.0	23.7
04	23.8	7.3	15.5	4.6	4.8	4.4	0.0	0.0	0.0	0.0	0.0	0.0	1183.4	1243.4	1333.4	1483.4	0.0	0.0	0.1	24.2	29.9	10.7
05	40.6	26.8	33.7	5.8	7.0	6.0	0.2	0.0	0.0	0.0	0.0	0.0	660.5	722.4	815.3	970.3	0.0	0.0	7.8	6.6	21.8	0.7
06	57.6	40.3	49.0	4.9	3.4	3.8	22.8	13.4	4.9	0.7	0.0	0.0	204.6	255.0	336.5	482.2	0.0	0.0	24.8	0.1	3.2	0.0
07	57.7	44.3	51.0	2.9	4.8	3.6	32.8	18.3	6.2	0.3	0.0	0.0	157.0	204.4	285.3	434.4	0.0	0.0	26.4	0.2	3.3	0.0
08	51.6	36.8	44.2	4.6	4.8	4.4	6.3	3.1	1.2	0.0	0.0	0.0	341.2	400.0	491.0	644.8	0.0	0.0	17.3	0.6	9.8	0.0
09	39.3	24.8	32.0	3.9	5.1	4.1	0.0	0.0	0.0	0.0	0.0	0.0	688.7	748.6	838.6	988.6	0.0	0.0	5.2	8.6	21.8	0.2
10	20.0	8.5	14.2	4.9	6.0	5.3	0.0	0.0	0.0	0.0	0.0	0.0	1263.1	1325.2	1418.2	1573.2	0.0	0.0	0.0	28.0	30.7	5.7
11	8.5	-3.3	2.6	4.1	5.6	4.7	0.0	0.0	0.0	0.0	0.0	0.0	1571.8	1631.8	1721.8	1871.9	0.0	0.0	0.0	30.0	30.0	21.1
12	3.5	-8.1	-2.3	5.1	4.5	4.4	0.0	0.0	0.0	0.0	0.0	0.0	1776.3	1838.3	1931.3	2086.3	0.0	0.0	0.0	30.7	31.0	24.2
Summary	26.4	12.7	19.6	4.5	4.8	4.4	62	35	12	1	0	0	12956	13659	14732	16545	0.0	0.0	81.6	218.7	271.5	132.1

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

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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	0.3	42.4	286.0	348.7	169.5	25.4	0.2	0.0	0.0
45	0.0	0.0	0.0	0.0	13.9	166.4	211.9	73.6	3.0	0.0	0.0	0.0
50	0.0	0.0	0.0	0.0	3.3	74.7	98.8	24.3	0.0	0.0	0.0	0.0
55	0.0	0.0	0.0	0.0	0.2	22.8	32.8	6.3	0.0	0.0	0.0	0.0
60	0.0	0.0	0.0	0.0	0.0	4.9	6.2	1.2	0.0	0.0	0.0	0.0
Growing Degree Units for Corn (Monthly)												
50/86	0.0	0.0	0.0	0.3	15.5	134.5	135.9	61.6	11.2	0.0	0.0	0.0

Growing Degree Units (Accumulated Monthly)												
40	0	0	0	0	43	329	677	847	872	872	872	872
45	0	0	0	0	14	180	392	466	469	469	469	469
50	0	0	0	0	3	78	177	201	201	201	201	201
55	0	0	0	0	0	23	56	62	62	62	62	62
60	0	0	0	0	0	5	11	12	12	12	12	12
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	0	0	0	0	16	150	286	348	359	359	359	359

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.