

Summary of Monthly Normals
1991-2020

Generated on 04/29/2024

Current Location: Elev: 138 ft. Lat: 61.2169° N Lon: 149.8550° W
Station: ANCHORAGE MERRILL FLD, AK US USW00026409

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	22.6	8.2	15.4	6.4	7.9	7.1	0.0	0.0	0.0	0.0	0.0	0.0	1227.5	1289.5	1382.5	1537.5	0.0	0.0	0.1	23.9	30.2	9.3
02	28.0	12.4	20.2	4.6	6.4	5.4	0.0	0.0	0.0	0.0	0.0	0.0	974.5	1030.5	1114.5	1254.5	0.0	0.0	0.0	18.5	27.4	4.8
03	34.4	16.9	25.6	4.2	6.1	5.1	0.0	0.0	0.0	0.0	0.0	0.0	909.8	971.8	1064.8	1219.8	0.0	0.0	0.5	11.6	29.4	3.4
04	47.1	30.4	38.8	3.1	3.1	3.0	0.1	0.0	0.0	0.0	0.0	0.0	487.6	547.5	637.5	787.5	0.0	0.0	11.6	0.9	18.3	0.1
05	58.4	41.1	49.7	2.4	1.6	1.9	11.6	5.6	1.4	0.0	0.0	0.0	174.3	230.3	319.1	472.8	0.0	0.0	28.6	0.0	1.1	0.0
06	65.7	49.7	57.7	2.4	1.4	1.8	100.7	62.2	25.8	4.3	0.4	0.1	19.8	41.3	94.9	223.4	0.0	0.0	30.0	0.0	0.0	0.0
07	68.4	53.9	61.1	2.8	1.6	2.1	191.8	134.5	65.5	11.9	1.1	0.3	1.2	5.8	29.9	131.3	0.0	0.0	31.0	0.0	0.0	0.0
08	65.7	51.3	58.5	2.6	1.4	1.8	119.1	73.4	29.2	3.6	0.1	0.0	10.6	26.9	75.7	205.2	0.0	0.0	31.0	0.0	0.0	0.0
09	56.8	42.8	49.8	2.2	2.5	2.2	7.1	2.0	0.2	0.0	0.0	0.0	163.1	218.0	306.3	456.0	0.0	0.0	27.3	0.0	2.7	0.0
10	42.5	30.3	36.4	4.0	4.3	4.1	0.1	0.0	0.0	0.0	0.0	0.0	576.7	638.6	731.6	886.6	0.0	0.0	7.4	2.9	16.3	0.0
11	29.0	16.3	22.6	5.1	6.8	5.9	0.0	0.0	0.0	0.0	0.0	0.0	970.4	1030.4	1120.4	1270.4	0.0	0.0	0.3	18.7	27.9	3.6
12	24.7	11.3	18.0	4.2	5.4	4.7	0.0	0.0	0.0	0.0	0.0	0.0	1147.0	1209.0	1302.0	1457.0	0.0	0.0	0.3	24.0	30.6	6.3
Summary	45.3	30.4	37.8	3.7	4.0	3.8	431	278	122	20	2	0	6662	7240	8179	9902	0.0	0.0	168.1	100.5	183.9	27.5

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	0.46	6.0	1.6	0.1	0.0	0.23	0.37	0.66	
02	0.71	6.4	2.0	0.1	0.0	0.25	0.56	1.10	
03	0.54	6.0	2.2	0.1	0.0	0.16	0.44	0.88	
04	0.30	4.5	1.2	0.0	0.0	0.11	0.18	0.38	
05	0.62	6.5	1.9	0.1	0.0	0.28	0.62	0.83	
06	0.99	9.9	2.7	0.3	0.1	0.57	0.87	1.16	
07	1.70	12.4	5.7	0.5	0.0	1.16	1.57	2.15	
08	2.48	15.6	7.7	1.2	0.1	1.47	2.49	3.27	
09	3.02	15.0	7.8	1.6	0.3	2.14	2.83	3.61	
10	1.57	11.4	4.6	0.4	0.1	1.02	1.64	2.12	
11	0.88	7.4	2.3	0.3	0.0	0.32	0.88	1.30	
12	0.89	8.1	3.2	0.2	0.0	0.37	0.76	1.30	
Summary	14.16	109.2	42.9	4.9	0.6	8.08	13.21	18.76	

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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	0.3	0.2	1.1	59.7	304.2	530.9	655.6	573.5	296.5	51.0	1.7	0.5
45	0.0	0.0	0.1	12.7	159.7	381.0	500.6	418.4	162.1	13.2	0.1	0.0
50	0.0	0.0	0.0	1.4	55.3	232.3	345.6	264.2	57.2	2.1	0.0	0.0
55	0.0	0.0	0.0	0.1	11.6	100.7	191.8	119.1	7.1	0.1	0.0	0.0
60	0.0	0.0	0.0	0.0	1.4	25.8	65.5	29.2	0.2	0.0	0.0	0.0
Growing Degree Units for Corn (Monthly)												
50/86	0.1	0.0	0.3	23.8	134.6	257.1	348.9	281.0	109.4	9.7	0.3	0.1

Growing Degree Units (Accumulated Monthly)												
40	0	0	2	61	366	896	1552	2126	2422	2473	2475	2475
45	0	0	0	13	172	554	1054	1472	1635	1648	1648	1648
50	0	0	0	1	57	289	635	899	956	958	958	958
55	0	0	0	0	12	112	304	423	430	431	431	431
60	0	0	0	0	1	27	93	122	122	122	122	122
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	0	0	0	24	159	416	765	1046	1155	1165	1165	1165

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