

Summary of Monthly Normals
1991-2020

Generated on 05/23/2024

Current Location: Elev: 567 ft. Lat: 61.3192° N Lon: 149.5436° W
Station: **EAGLE RVR GAKONA CIRCLE, AK US USC00502645**

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	20.3	9.2	14.7	7.1	7.3	7.2	0.0	0.0	0.0	0.0	0.0	0.0	1247.6	1309.6	1402.6	1557.6	0.0	0.0	0.2	24.6	30.4	8.0
02	26.9	13.4	20.1	5.0	6.0	5.5	0.0	0.0	0.0	0.0	0.0	0.0	975.9	1031.9	1115.9	1255.9	0.0	0.0	0.2	18.2	27.1	3.9
03	33.4	16.4	24.9	4.5	5.9	5.1	0.0	0.0	0.0	0.0	0.0	0.0	933.0	995.0	1088.0	1243.0	0.0	0.0	0.3	13.1	29.3	3.1
04	46.2	28.8	37.5	3.5	2.8	3.1	0.4	0.1	0.0	0.0	0.0	0.0	525.4	585.1	675.0	825.0	0.0	0.0	11.7	1.0	21.0	0.1
05	58.0	38.0	48.0	2.7	2.0	2.2	6.7	2.5	0.3	0.0	0.0	0.0	223.7	281.5	372.3	527.0	0.0	0.0	28.7	0.0	3.2	0.0
06	64.4	45.8	55.1	2.8	1.4	2.0	60.7	37.3	16.9	2.7	0.2	0.1	57.7	94.4	163.9	299.7	0.0	0.0	29.9	0.0	0.0	0.0
07	66.7	50.3	58.5	3.0	1.7	2.3	123.1	80.2	37.2	7.5	0.8	0.2	14.6	33.7	83.7	209.0	0.0	0.0	31.0	0.0	0.0	0.0
08	63.2	48.0	55.6	2.8	1.7	2.0	61.8	37.0	16.4	2.7	0.1	0.0	43.2	80.5	152.9	294.2	0.0	0.0	31.0	0.0	0.1	0.0
09	53.5	40.4	46.9	3.1	2.8	2.9	1.1	0.3	0.0	0.0	0.0	0.0	242.6	301.8	391.5	541.5	0.0	0.0	25.0	0.0	3.0	0.0
10	39.9	28.4	34.1	4.3	5.2	4.7	0.2	0.0	0.0	0.0	0.0	0.0	646.5	708.4	801.4	956.4	0.0	0.0	5.6	4.0	18.3	0.0
11	25.5	15.7	20.6	6.0	6.3	6.1	0.0	0.0	0.0	0.0	0.0	0.0	1031.9	1091.9	1181.9	1331.9	0.0	0.0	0.1	21.0	28.4	3.5
12	22.0	11.6	16.8	4.9	4.9	4.8	0.0	0.0	0.0	0.0	0.0	0.0	1184.2	1246.2	1339.2	1494.2	0.0	0.0	0.0	24.0	30.4	4.6
Summary	43.3	28.8	36.1	4.1	4.0	4.0	254	157	71	13	1	0	7126	7760	8768	10535	0.0	0.0	163.7	105.9	191.2	23.2

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	0.97	8.1	3.4	0.2	0.1	0.61	0.77	1.46
02	1.13	7.5	3.8	0.5	0.1	0.74	0.91	1.35
03	0.85	5.8	3.1	0.2	0.1	0.56	0.89	1.05
04	0.55	6.0	2.1	0.2	0.1	0.04	0.31	0.74
05	0.90	7.5	2.7	0.1	0.0	0.48	0.80	1.22
06	1.14	11.5	3.5	0.5	0.1	0.68	0.89	1.41
07	2.09	13.4	5.7	0.8	0.0	1.10	1.95	2.73
08	2.82	16.2	8.1	1.1	0.2	1.83	2.72	3.44
09	2.67	17.8	8.7	1.3	0.1	1.57	2.56	3.17
10	1.74	13.2	5.3	0.8	0.1	1.32	1.63	2.24
11	1.58	9.7	4.2	0.4	0.1	0.41	1.33	2.39
12	1.23	8.7	4.4	0.4	0.0	0.78	1.02	1.39
Summary	17.67	125.4	55.0	6.5	1.0	10.12	15.78	22.59

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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	12.50	6.8	4.0	1.6	0.7	0.1	29.1	26.0	22.1	14.9	3.10	7.70	23.80
02	11.70	6.1	3.8	1.5	0.4	0.1	27.2	25.1	23.8	18.0	5.20	9.90	17.10
03	8.90	5.1	3.2	1.1	0.3	0.0	28.1	26.3	25.5	20.9	5.00	9.20	12.60
04	4.50	2.4	1.2	0.4	0.2	0.1	15.1	13.0	11.2	7.1	0.20	2.00	6.40
05	0.40	0.2	0.2	0.1	0.0	0.0	0.7	0.3	0.2	0.0	0.00	0.00	0.00
06	0.00	0.0	0.0	0.0	0.0	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	0.0	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	0.0	0.0	0.0	0.0	0.00	0.00	0.00
09	0.40	0.2	0.1	0.1	0.1	0.0	0.2	0.1	0.1	0.0	0.00	0.00	0.00
10	3.50	2.5	1.2	0.3	0.2	0.0	4.4	2.8	1.1	0.1	0.40	1.50	7.10
11	12.30	6.6	3.7	1.5	0.5	0.0	23.6	17.8	13.9	4.1	1.80	13.00	15.90
12	16.30	7.7	5.0	2.3	0.9	0.0	29.6	27.1	22.3	14.6	9.10	13.40	21.30
Summary	70.5	37.6	22.4	8.9	3.3	0.3	158.0	138.5	120.2	79.7	24.8	56.7	104.2

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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	0.6	0.6	1.1	46.5	252.8	453.0	573.5	483.6	216.7	30.7	1.1	0.1
45	0.0	0.0	0.1	11.0	119.1	303.5	418.5	328.8	94.5	6.7	0.0	0.0
50	0.0	0.0	0.0	3.0	37.4	160.7	264.0	177.4	19.2	0.9	0.0	0.0
55	0.0	0.0	0.0	0.4	6.7	60.7	123.1	61.8	1.1	0.2	0.0	0.0
60	0.0	0.0	0.0	0.0	0.3	16.9	37.2	16.4	0.0	0.0	0.0	0.0
Growing Degree Units for Corn (Monthly)												
50/86	0.2	0.1	0.1	21.8	130.5	222.7	284.3	216.3	66.5	5.4	0.2	0.0

Growing Degree Units (Accumulated Monthly)												
40	1	1	2	49	302	755	1328	1812	2028	2059	2060	2060
45	0	0	0	11	130	434	852	1181	1276	1282	1282	1282
50	0	0	0	3	40	201	465	642	662	663	663	663
55	0	0	0	0	7	68	191	253	254	254	254	254
60	0	0	0	0	0	17	54	71	71	71	71	71
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	0	0	0	22	153	375	660	876	942	948	948	948

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