

Summary of Monthly Normals
1991-2020

Generated on 04/28/2024

Current Location: Elev: 2202 ft. Lat: 61.1000° N Lon: 149.6936° W

Station: GLEN ALPS, AK US USC00503299

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	25.7	14.0	19.9	6.0	7.2	6.6	0.0	0.0	0.0	0.0	0.0	0.0	1089.6	1151.6	1244.6	1399.6	0.0	0.0	0.1	18.8	30.3	6.5
02	27.3	16.0	21.6	5.0	6.3	5.6	0.0	0.0	0.0	0.0	0.0	0.0	933.8	989.8	1073.8	1213.8	0.0	0.0	0.2	16.7	27.3	3.9
03	28.7	16.1	22.4	4.3	5.6	4.8	0.0	0.0	0.0	0.0	0.0	0.0	1010.5	1072.5	1165.5	1320.5	0.0	0.0	0.0	18.9	30.8	3.0
04	37.9	26.5	32.2	3.1	3.6	3.3	0.0	0.0	0.0	0.0	0.0	0.0	684.0	744.0	834.0	984.0	0.0	0.0	1.1	5.1	25.6	0.2
05	48.7	35.7	42.2	3.1	2.3	2.6	2.5	1.0	0.1	0.0	0.0	0.0	399.3	459.8	551.9	706.8	0.0	0.0	13.9	0.3	10.6	0.0
06	57.1	42.8	49.9	3.1	2.0	2.4	19.2	10.7	3.6	0.2	0.0	0.0	170.7	222.2	305.2	451.7	0.0	0.0	25.6	0.0	0.2	0.0
07	59.3	47.4	53.3	3.0	2.1	2.4	34.7	18.5	6.2	0.7	0.0	0.0	85.8	131.7	212.3	361.8	0.0	0.0	29.6	0.0	0.0	0.0
08	57.3	45.8	51.6	2.8	2.0	2.3	17.8	9.4	3.2	0.3	0.1	0.0	124.8	178.4	265.2	417.3	0.0	0.0	28.9	0.0	0.2	0.0
09	49.2	38.2	43.7	3.1	3.3	3.1	0.3	0.1	0.0	0.0	0.0	0.0	339.3	399.1	489.0	639.0	0.0	0.0	15.1	0.4	5.5	0.0
10	37.7	27.7	32.7	3.5	4.7	4.0	0.0	0.0	0.0	0.0	0.0	0.0	691.3	753.3	846.3	1001.3	0.0	0.0	0.8	6.9	22.5	0.1
11	29.0	18.2	23.6	5.2	6.4	5.8	0.0	0.0	0.0	0.0	0.0	0.0	942.0	1002.0	1092.0	1242.0	0.0	0.0	0.0	16.6	28.3	2.7
12	26.9	16.0	21.5	4.2	5.5	4.8	0.0	0.0	0.0	0.0	0.0	0.0	1040.1	1102.1	1195.1	1350.1	0.0	0.0	0.0	20.5	30.2	4.0
Summary	40.4	28.7	34.6	3.9	4.3	4.0	74	40	13	1	0	0	7511	8206	9275	11088	0.0	0.0	115.3	104.2	211.5	20.4

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	1.65	12.4	4.9	0.6	0.2	0.73	1.42	2.31
02	1.74	12.7	4.9	0.6	0.1	1.24	1.63	2.07
03	1.76	12.8	5.5	0.5	0.0	1.16	1.70	2.14
04	1.18	10.6	2.7	0.2	0.0	0.60	0.93	1.73
05	0.85	9.6	2.5	0.1	0.0	0.53	0.81	1.14
06	1.23	10.7	3.7	0.5	0.0	0.69	1.00	1.49
07	2.33	15.1	6.5	1.2	0.2	1.49	2.11	2.84
08	3.55	16.0	9.0	2.0	0.4	2.32	3.49	4.68
09	4.34	17.6	9.8	2.7	0.8	2.99	3.96	5.93
10	2.65	15.5	7.4	1.1	0.3	1.64	2.12	3.40
11	2.10	14.0	6.0	0.9	0.0	1.34	2.04	2.94
12	2.64	14.8	7.2	1.0	0.1	1.92	2.66	3.48
Summary	26.02	161.8	70.1	11.4	2.1	16.65	23.87	34.15

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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	19.50	7.3	7.3	2.9	1.2	0.2	31.0	30.5	29.8	27.9	9.70	14.50	27.70
02	21.50	8.2	8.2	3.0	1.8	0.5	28.5	28.5	28.3	27.8	13.40	21.00	29.50
03	27.50	8.3	8.3	3.8	1.6	0.3	31.0	31.0	31.0	30.4	16.00	27.00	36.70
04	11.70	4.8	4.8	1.3	0.6	0.1	29.9	29.2	28.8	27.7	3.50	7.00	16.50
05	3.30	1.6	1.6	0.4	0.2	0.0	12.9	12.3	11.8	9.4	0.00	1.50	4.00
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	2.50	0.9	0.9	0.2	0.1	0.0	0.7	0.3	0.1	0.0	0.00	0.50	4.80
10	14.40	4.6	4.6	2.2	0.7	0.1	11.5	9.2	7.5	2.4	5.50	12.00	21.00
11	23.90	7.9	7.9	3.6	1.9	0.3	28.0	25.0	20.3	13.4	12.40	24.40	27.70
12	37.60	9.9	9.9	4.9	2.6	0.6	30.0	29.5	27.2	24.8	21.90	33.00	47.50
Summary	161.9	53.5	53.5	22.3	10.7	2.1	203.5	195.5	184.8	163.8	82.4	140.9	215.4

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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	1.1	0.6	0.2	9.0	111.5	299.7	413.8	358.0	143.0	15.7	0.3	0.6
45	0.3	0.1	0.0	2.2	40.8	160.7	259.2	205.8	47.8	2.6	0.0	0.0
50	0.0	0.0	0.0	0.6	12.3	65.0	118.5	77.6	6.8	0.3	0.0	0.0
55	0.0	0.0	0.0	0.0	2.5	19.2	34.7	17.8	0.3	0.0	0.0	0.0
60	0.0	0.0	0.0	0.0	0.1	3.6	6.2	3.2	0.0	0.0	0.0	0.0
Growing Degree Units for Corn (Monthly)												
50/86	0.2	0.2	0.1	2.1	39.5	115.7	153.7	119.1	30.1	1.2	0.0	0.0

Growing Degree Units (Accumulated Monthly)												
40	1	2	2	11	122	422	836	1194	1337	1353	1353	1354
45	0	0	0	3	43	204	463	669	717	719	719	719
50	0	0	0	1	13	78	196	274	281	281	281	281
55	0	0	0	0	2	22	56	74	74	74	74	74
60	0	0	0	0	0	4	10	13	13	13	13	13
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	0	0	0	3	42	158	312	431	461	462	462	462

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