

Summary of Monthly Normals
1981-2010

Generated on 05/20/2024

Current Location: Elev: 17 ft. Lat: 51.8833° N Lon: 176.6500° W
Station: **ADAK AIRPORT, AK US USW00025704**

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	37.3	28.0	32.7	1.6	3.0	2.2	0	0	0	0	0	0	693	755	848	1003	0.0	0.0	0.0	2.9	22.7	0.0
02	38.0	29.0	33.5	1.9	2.7	2.2	0	0	0	0	0	0	602	658	742	882	0.0	0.0	0.1	2.7	18.0	0.0
03	39.4	30.6	35.0	2.4	2.7	2.4	0	0	0	0	0	0	620	682	775	930	0.0	0.0	0.2	1.3	16.5	0.0
04	42.0	33.1	37.6	1.9	1.7	1.7	0	0	0	0	0	0	523	583	673	823	0.0	0.0	0.8	0.0	10.6	0.0
05	45.8	37.0	41.4	1.8	1.4	1.5	0	0	0	0	0	0	422	484	577	732	0.0	0.0	3.4	0.0	1.3	0.0
06	49.8	41.2	45.5	2.0	1.7	1.7	-7777	-7777	0	0	0	0	285	345	435	585	0.0	0.0	12.6	0.0	0.2	0.0
07	54.6	45.3	50.0	2.1	1.8	1.9	5	2	-7777	0	0	0	162	221	312	467	0.0	0.0	27.4	0.0	0.0	0.0
08	57.2	46.9	52.0	2.1	1.9	2.0	15	6	1	0	0	0	107	160	248	402	0.0	0.0	30.2	0.0	0.0	0.0
09	53.1	43.9	48.5	1.7	2.3	1.9	2	1	-7777	0	0	0	197	256	345	495	0.0	0.0	24.6	0.0	0.3	0.0
10	48.5	39.0	43.7	1.6	2.0	1.8	0	0	0	0	0	0	349	411	504	659	0.0	0.0	9.6	0.0	2.0	0.0
11	42.8	33.4	38.1	1.7	2.1	1.8	0	0	0	0	0	0	507	567	657	807	0.0	0.0	1.0	0.0	11.4	0.0
12	38.9	29.6	34.3	2.2	3.0	2.5	0	0	0	0	0	0	643	705	798	953	0.0	0.0	0.1	1.1	19.1	0.0
Summary	45.6	36.4	41.0	1.9	2.2	2.0	22	9	1	0	0	0	5110	5827	6914	8738	0.0	0.0	110.0	8.0	102.1	0.0

-7777: a non-zero value that would round to zero
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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	6.09	25.7	14.7	3.2	0.8	3.65	5.94	6.99
02	4.05	22.3	11.9	1.9	0.2	3.05	3.97	4.92
03	4.98	25.4	13.4	2.2	0.4	3.85	4.84	6.38
04	3.14	21.6	9.6	1.1	0.3	1.98	3.52	3.80
05	2.87	22.3	9.2	0.7	0.1	1.93	2.75	3.61
06	2.79	16.4	7.3	1.1	0.3	2.04	2.87	3.48
07	2.63	15.5	6.0	1.4	0.2	1.35	2.48	3.58
08	4.22	19.4	10.2	2.5	0.6	3.02	3.61	5.37
09	5.48	21.6	12.7	3.7	1.0	4.74	5.01	6.37
10	6.19	24.9	15.2	4.1	0.7	4.09	6.65	7.64
11	6.30	24.4	15.7	3.8	1.0	4.57	6.62	7.88
12	5.96	26.8	17.0	3.3	0.6	4.72	5.92	6.80
Summary	54.70	266.3	142.9	29.0	6.2	38.99	54.18	66.82

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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	24.8	18.2	7.7	2.0	0.7	0.1	17.9	12.0	7.2	2.7	11.6	27.4	35.9
02	17.3	15.4	5.6	1.1	0.4	0.0	16.2	11.0	8.6	4.5	7.0	13.7	25.5
03	19.3	16.4	5.9	1.2	0.5	0.1	12.1	8.1	6.4	4.5	13.0	16.7	25.2
04	7.7	11.6	2.3	0.3	0.0	0.0	2.7	1.5	0.6	0.1	2.5	6.3	11.1
05	1.3	2.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	1.1	2.4
06	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
07	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
08	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
09	-7777	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.6	1.0	0.5	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.2	1.0
11	10.8	10.0	3.6	0.7	0.3	0.0	3.7	0.9	0.1	0.0	3.7	13.2	15.2
12	20.6	15.9	7.4	1.4	0.5	0.0	13.6	6.4	3.6	0.8	8.6	22.4	30.4
Summary	102.4	91.2	33.3	6.7	2.4	0.2	66.3	40.0	26.5	12.6	46.7	101.0	146.7

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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	3	2	4	11	57	165	308	373	255	124	23	5
45	-7777	0	0	-7777	4	40	154	219	113	27	2	-7777
50	0	0	0	0	0	3	37	78	22	1	0	0
55	0	0	0	0	0	-7777	5	15	2	0	0	0
60	0	0	0	0	0	0	-7777	1	-7777	0	0	0
Growing Degree Units for Corn (Monthly)												
50/86	0	-7777	-7777	1	3	19	76	118	53	11	1	-7777

Growing Degree Units (Accumulated Monthly)												
40	3	5	9	20	77	242	550	923	1178	1302	1325	1330
45	0	0	0	0	4	44	198	417	530	557	559	559
50	0	0	0	0	0	3	40	118	140	141	141	141
55	0	0	0	0	0	0	5	20	22	22	22	22
60	0	0	0	0	0	0	0	1	1	1	1	1
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	0	0	0	1	4	23	99	217	270	281	282	282

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