

Summary of Monthly Normals
1991-2020

Generated on 05/22/2024

Current Location: Elev: 80 ft. Lat: 57.7511° N Lon: 152.4856° W
Station: KODIAK AP, AK US USW00025501

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	36.1	26.2	31.2	3.8	5.2	4.5	0.0	0.0	0.0	0.0	0.0	0.0	739.3	801.3	894.3	1049.3	0.0	0.0	0.1	8.1	21.7	0.3
02	37.5	27.2	32.4	3.2	4.1	3.6	0.0	0.0	0.0	0.0	0.0	0.0	634.2	690.2	774.2	914.2	0.0	0.0	0.0	4.9	19.4	0.2
03	38.8	27.6	33.2	3.5	4.0	3.7	0.0	0.0	0.0	0.0	0.0	0.0	675.7	737.7	830.7	985.7	0.0	0.0	0.4	5.3	22.7	0.0
04	44.7	33.6	39.1	1.7	2.4	1.8	0.2	0.1	0.0	0.0	0.0	0.0	475.7	535.6	625.5	775.5	0.0	0.0	2.8	0.4	12.4	0.0
05	51.7	39.9	45.8	2.8	1.9	2.1	3.5	1.8	0.6	0.1	0.0	0.0	288.7	349.0	440.8	595.4	0.0	0.0	16.1	0.0	2.6	0.0
06	57.0	45.7	51.4	2.5	1.3	1.7	20.8	12.3	5.2	0.7	0.1	0.1	130.3	181.8	264.7	410.2	0.0	0.0	26.0	0.0	0.0	0.0
07	61.8	50.5	56.2	2.7	1.7	2.1	68.3	39.8	16.2	2.9	0.1	0.0	32.7	66.2	135.6	277.2	0.0	0.0	30.9	0.0	0.0	0.0
08	62.8	50.3	56.5	2.4	1.6	1.9	72.5	40.7	15.1	2.6	0.3	0.0	24.5	54.8	122.1	264.6	0.0	0.0	31.0	0.0	0.0	0.0
09	57.1	44.2	50.6	1.9	1.9	1.6	11.1	4.6	0.7	0.1	0.0	0.0	141.6	195.1	281.2	430.6	0.0	0.0	28.5	0.0	1.3	0.0
10	48.3	36.0	42.2	2.3	2.6	2.3	0.0	0.0	0.0	0.0	0.0	0.0	398.3	460.3	553.3	708.3	0.0	0.0	11.7	0.3	10.9	0.0
11	41.2	30.2	35.7	3.1	3.9	3.4	0.0	0.0	0.0	0.0	0.0	0.0	579.0	639.0	729.0	879.0	0.0	0.0	0.7	3.6	19.6	0.0
12	37.3	26.5	31.9	2.7	3.8	3.2	0.0	0.0	0.0	0.0	0.0	0.0	716.1	778.1	871.1	1026.1	0.0	0.0	0.0	6.8	22.4	0.1
Summary	47.9	36.5	42.2	2.7	2.9	2.7	176	99	38	6	0	0	4836	5489	6522	8316	0.0	0.0	148.2	29.4	133.0	0.6

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	8.35	18.8	13.3	5.8	2.3	5.57	8.47	10.61
02	6.31	17.3	11.4	4.7	1.3	3.66	6.76	8.79
03	4.82	15.9	9.4	3.3	1.0	3.01	4.39	6.84
04	6.14	18.0	12.7	4.4	1.2	3.97	6.02	7.44
05	5.85	16.5	10.4	4.4	1.4	3.73	5.67	7.38
06	5.17	16.1	10.0	3.2	1.1	3.31	4.63	7.91
07	4.51	14.6	8.7	2.7	1.3	2.44	3.56	6.12
08	4.90	14.8	8.6	3.1	1.3	3.21	4.80	6.78
09	7.55	17.0	11.5	4.8	2.2	4.25	7.29	10.05
10	8.85	18.4	11.3	5.9	2.6	5.54	7.66	11.28
11	7.06	17.0	11.4	5.2	1.7	3.88	6.83	9.52
12	8.81	19.7	13.5	6.6	2.8	5.98	8.38	11.50
Summary	78.32	204.1	132.2	54.1	20.2	48.55	74.46	104.22

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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	14.50	8.9	3.8	1.6	0.9	0.1	10.7	6.7	4.4	2.3	5.50	11.00	17.70
02	14.40	7.6	3.6	1.7	0.6	0.1	9.9	5.8	3.8	1.6	4.20	12.50	22.00
03	12.30	9.2	3.8	1.2	0.6	0.1	8.7	5.1	3.1	1.1	5.00	11.70	14.90
04	6.20	4.0	1.7	0.9	0.3	0.0	1.8	1.1	0.8	0.5	0.90	3.90	10.50
05	0.50	0.5	0.1	0.0	0.0	0.0	0.1	0.0	0.0	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	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
10	0.70	1.1	0.2	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.00	0.00	0.70
11	6.10	5.1	2.1	0.5	0.1	0.0	4.4	1.8	0.8	0.0	0.40	2.80	8.10
12	15.60	9.1	4.1	1.8	0.9	0.1	11.2	6.2	3.1	0.8	3.40	15.00	24.10
Summary	70.3	45.5	19.4	7.7	3.4	0.4	47.0	26.7	16.0	6.3	19.4	56.9	98.0

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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	4.3	3.0	5.5	41.2	183.2	340.5	500.6	513.0	320.3	104.8	25.4	6.5
45	0.1	0.0	0.1	5.2	62.8	192.1	345.6	358.0	178.3	29.1	3.6	0.2
50	0.0	0.0	0.0	0.8	15.3	72.2	191.9	204.1	64.0	2.6	0.2	0.0
55	0.0	0.0	0.0	0.2	3.5	20.8	68.3	72.5	11.1	0.0	0.0	0.0
60	0.0	0.0	0.0	0.0	0.6	5.2	16.2	15.1	0.7	0.0	0.0	0.0
Growing Degree Units for Corn (Monthly)												
50/86	0.1	0.0	0.3	6.7	50.3	112.6	207.4	226.0	112.6	17.5	1.1	0.0

Growing Degree Units (Accumulated Monthly)												
40	4	7	13	54	237	578	1078	1591	1912	2016	2042	2048
45	0	0	0	5	68	260	606	964	1142	1171	1175	1175
50	0	0	0	1	16	88	280	484	548	551	551	551
55	0	0	0	0	4	24	93	165	176	176	176	176
60	0	0	0	0	1	6	22	37	38	38	38	38
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	0	0	0	7	57	170	377	603	716	734	735	735

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