

Summary of Monthly Normals
1991-2020

Generated on 04/29/2024

Current Location: Elev: 1800 ft. Lat: 64.0917° N Lon: 141.9211° W

Station: CHICKEN, AK US USC00501684

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	-11.4	-28.6	-20.0	8.1	8.0	7.8	0.0	0.0	0.0	0.0	0.0	0.0	2324.6	2386.8	2479.8	2634.8	0.0	0.0	0.0	31.0	31.0	29.9
02	0.6	-21.9	-10.6	7.3	7.2	7.2	0.0	0.0	0.0	0.0	0.0	0.0	1838.2	1894.2	1978.2	2118.2	0.0	0.0	0.0	28.0	28.0	27.0
03	20.3	-13.6	3.4	7.2	7.0	6.9	0.0	0.0	0.0	0.0	0.0	0.0	1601.0	1663.1	1756.1	1911.1	0.0	0.0	0.2	24.4	31.0	25.7
04	42.4	11.7	27.1	4.5	5.3	4.8	0.0	0.0	0.0	0.0	0.0	0.0	838.6	898.5	988.5	1138.5	0.0	0.0	7.2	5.8	29.7	6.5
05	58.2	29.3	43.8	4.0	1.8	2.8	3.9	1.3	0.3	0.0	0.0	0.0	352.7	412.1	504.1	658.8	0.0	0.0	25.4	0.2	22.5	0.0
06	68.5	38.2	53.3	2.9	1.7	2.0	49.7	30.4	13.0	2.0	0.1	0.0	99.3	140.0	212.5	351.6	0.0	0.0	29.8	0.0	5.1	0.0
07	70.2	42.0	56.1	2.8	1.7	1.7	78.4	46.4	17.7	2.5	0.0	0.0	44.4	74.3	138.6	278.4	0.0	0.1	30.9	0.0	1.9	0.0
08	64.3	36.3	50.3	3.2	1.8	2.3	23.0	12.5	4.3	0.2	0.0	0.0	168.8	220.3	305.0	456.0	0.0	0.0	30.4	0.0	8.6	0.0
09	52.7	25.9	39.3	5.3	3.1	3.8	0.0	0.0	0.0	0.0	0.0	0.0	471.1	531.0	621.0	771.0	0.0	0.0	21.0	0.7	24.3	0.3
10	30.5	9.5	20.0	4.5	5.3	4.6	0.0	0.0	0.0	0.0	0.0	0.0	1085.1	1147.0	1240.0	1395.0	0.0	0.0	0.9	16.5	30.9	7.0
11	3.5	-14.2	-5.3	6.6	7.1	6.8	0.0	0.0	0.0	0.0	0.0	0.0	1810.1	1870.3	1960.3	2110.3	0.0	0.0	0.0	29.8	30.0	25.1
12	-7.0	-22.9	-14.9	6.4	6.0	6.0	0.0	0.0	0.0	0.0	0.0	0.0	2168.5	2230.4	2323.4	2478.4	0.0	0.0	0.0	31.0	31.0	29.7
Summary	32.7	7.6	20.2	5.2	4.7	4.7	155	91	35	5	0	0	12802	13468	14508	16302	0.0	0.1	145.8	167.4	274.0	151.2

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	0.36	3.4	2.0	0.0	0.0	0.20	0.35	0.42	
02	0.25	2.0	1.0	0.0	0.0	0.15	0.25	0.38	
03	0.25	1.5	0.8	0.0	0.0	0.11	0.24	0.38	
04	0.30	1.8	1.3	0.1	0.0	0.14	0.28	0.41	
05	1.04	5.0	4.4	0.4	0.0	0.45	0.86	1.67	
06	2.40	8.4	7.3	1.1	0.2	1.41	2.09	3.11	
07	2.84	10.9	9.4	1.5	0.2	1.65	2.89	3.90	
08	2.01	9.7	7.8	0.8	0.1	1.33	1.82	2.42	
09	1.10	6.1	4.5	0.3	0.0	0.83	0.96	1.50	
10	0.64	4.1	2.7	0.0	0.0	0.20	0.63	0.97	
11	0.59	4.2	2.4	0.2	0.0	0.21	0.43	0.76	
12	0.49	3.8	2.0	0.0	0.0	0.30	0.44	0.65	
Summary	12.27	60.9	45.6	4.4	0.5	6.98	11.24	16.57	

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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	5.70	4.1	2.4	0.6	0.0	0.0	31.0	31.0	31.0	30.1	3.40	4.00	8.00
02	2.60	2.3	1.3	0.3	0.0	0.0	28.5	28.5	28.5	28.5	1.00	2.50	3.40
03	2.70	1.9	1.1	0.2	0.0	0.0	31.0	31.0	31.0	31.0	0.50	2.00	4.80
04	2.30	1.5	1.1	0.3	0.0	0.0	26.4	25.9	25.1	20.0	0.00	1.10	4.50
05	1.00	0.5	0.4	0.1	0.0	0.0	1.1	0.8	0.5	0.0	0.00	0.00	1.40
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	1.10	1.1	0.8	0.0	0.0	0.0	1.4	0.5	0.1	0.0	0.00	0.00	1.00
10	6.10	4.3	2.9	0.6	0.1	0.0	19.9	7.2	3.9	0.8	2.50	4.50	9.00
11	7.90	5.0	3.0	0.9	0.3	0.0	30.0	26.6	23.8	11.3	3.70	6.70	9.90
12	7.20	4.4	3.3	0.7	0.2	0.0	31.0	31.0	31.0	22.1	4.30	5.00	9.40
Summary	36.6	25.1	16.3	3.7	0.6	0.0	200.3	182.5	174.9	143.8	15.4	25.8	51.4

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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	0.0	0.0	0.0	10.9	156.0	401.6	499.1	321.8	66.4	1.7	0.0	0.0
45	0.0	0.0	0.0	1.9	69.3	257.4	345.3	180.8	14.5	0.2	0.0	0.0
50	0.0	0.0	0.0	0.2	22.6	133.0	197.9	77.1	1.3	0.0	0.0	0.0
55	0.0	0.0	0.0	0.0	3.9	49.7	78.4	23.0	0.0	0.0	0.0	0.0
60	0.0	0.0	0.0	0.0	0.3	13.0	17.7	4.3	0.0	0.0	0.0	0.0
Growing Degree Units for Corn (Monthly)												
50/86	0.0	0.0	0.1	19.6	141.7	278.3	314.8	222.8	76.6	2.6	0.0	0.0

Growing Degree Units (Accumulated Monthly)												
40	0	0	0	11	167	568	1068	1389	1456	1458	1458	1458
45	0	0	0	2	71	329	674	855	869	869	869	869
50	0	0	0	0	23	156	354	431	432	432	432	432
55	0	0	0	0	4	54	132	155	155	155	155	155
60	0	0	0	0	0	13	31	35	35	35	35	35
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	0	0	0	20	161	440	754	977	1054	1056	1056	1056

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