

Summary of Monthly Normals
1991-2020

Generated on 04/28/2024

Current Location: Elev: 1625 ft. Lat: 63.3336° N Lon: 143.0372° W

Station: TOK, AK US USC00509313

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	-3.7	-20.0	-11.9	7.9	8.4	8.1	0.0	0.0	0.0	0.0	0.0	0.0	2072.3	2134.3	2227.3	2382.1	0.0	0.0	0.0	30.6	31.0	27.7
02	8.3	-13.2	-2.5	5.8	7.1	6.4	0.0	0.0	0.0	0.0	0.0	0.0	1608.6	1664.6	1748.6	1888.6	0.0	0.0	0.0	27.5	28.0	22.2
03	24.1	-4.9	9.6	6.6	8.6	7.4	0.0	0.0	0.0	0.0	0.0	0.0	1407.3	1469.3	1562.3	1717.2	0.0	0.0	0.2	22.6	30.8	18.9
04	44.6	17.7	31.2	4.4	5.3	4.6	0.0	0.0	0.0	0.0	0.0	0.0	715.7	775.6	865.6	1015.7	0.0	0.0	10.6	3.0	29.1	3.0
05	61.0	30.8	45.9	3.7	2.4	3.0	8.3	4.0	0.8	0.0	0.0	0.0	290.4	348.1	437.9	592.1	0.0	0.0	28.6	0.0	19.6	0.0
06	71.1	41.9	56.5	2.8	2.2	2.0	95.4	63.1	31.0	8.0	1.8	0.7	50.5	78.1	136.0	263.1	0.0	0.5	29.9	0.0	3.6	0.0
07	72.2	46.0	59.1	2.9	1.9	1.9	143.7	97.2	46.0	9.2	1.1	0.3	16.7	32.1	74.0	192.2	0.0	0.4	31.0	0.0	0.4	0.0
08	66.8	40.2	53.5	3.6	2.5	2.8	51.0	32.6	15.2	4.4	1.0	0.4	97.6	141.1	216.8	361.0	0.0	0.2	30.7	0.0	4.7	0.0
09	53.6	30.6	42.1	4.4	3.0	3.2	1.1	0.2	0.0	0.0	0.0	0.0	388.2	447.3	537.0	687.1	0.0	0.0	20.9	0.7	18.4	0.0
10	31.4	14.0	22.7	4.8	6.6	5.4	0.0	0.0	0.0	0.0	0.0	0.0	1001.3	1063.3	1156.3	1311.3	0.0	0.0	1.3	16.0	30.0	5.2
11	8.0	-7.9	0.0	6.9	7.8	7.2	0.0	0.0	0.0	0.0	0.0	0.0	1648.4	1708.4	1798.4	1948.3	0.0	0.0	0.0	29.7	30.0	20.8
12	-2.4	-17.7	-10.1	6.2	6.7	6.4	0.0	0.0	0.0	0.0	0.0	0.0	2016.6	2078.6	2171.6	2326.5	0.0	0.0	0.0	30.9	31.0	28.8
Summary	36.3	13.1	24.7	5.0	5.2	4.9	300	197	93	22	4	1	11314	11941	12932	14685	0.0	1.1	153.2	161.0	256.6	126.6

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	0.43	2.7	1.5	0.1	0.0	0.18	0.38	0.58	
02	0.21	2.2	0.6	0.0	0.0	0.05	0.12	0.32	
03	0.20	2.3	0.7	0.0	0.0	0.06	0.22	0.32	
04	0.21	1.8	0.7	0.1	0.0	0.05	0.11	0.37	
05	0.87	4.9	2.3	0.4	0.0	0.39	0.81	1.17	
06	2.37	9.5	6.2	1.2	0.3	1.47	1.87	3.49	
07	2.29	10.6	6.0	0.8	0.3	1.65	2.23	3.02	
08	1.32	8.5	4.4	0.5	0.0	0.63	1.35	1.74	
09	0.95	6.4	3.2	0.3	0.1	0.39	0.65	1.39	
10	0.55	4.8	1.8	0.1	0.1	0.23	0.49	0.68	
11	0.62	4.5	1.8	0.3	0.0	0.17	0.47	0.87	
12	0.58	4.8	2.0	0.1	0.0	0.32	0.54	0.71	
Summary	10.60	63.0	31.2	3.9	0.8	5.59	9.24	14.66	

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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	4.90	2.8	2.2	0.5	0.1	0.0	31.0	31.0	31.0	29.4	2.00	3.90	8.30
02	3.50	2.5	1.8	0.2	0.0	0.0	28.5	28.5	28.5	28.2	1.10	2.60	4.60
03	3.30	2.0	1.5	0.4	0.0	0.0	31.0	31.0	30.9	30.0	0.70	3.00	5.10
04	2.40	1.4	1.2	0.2	0.1	0.0	24.4	22.8	21.0	16.5	0.00	1.10	3.70
05	0.90	0.4	0.4	0.1	0.0	0.0	1.7	1.4	1.0	0.6	0.00	0.00	1.00
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	1.80	0.9	0.7	0.2	0.0	0.0	1.9	1.1	0.8	0.0	0.00	0.00	2.00
10	4.90	3.9	2.9	0.7	0.1	0.0	19.2	10.8	6.7	1.2	1.90	4.00	7.60
11	8.20	4.4	3.5	0.9	0.3	0.0	29.0	26.9	21.3	9.9	4.40	7.10	9.40
12	7.70	4.9	3.4	0.9	0.2	0.0	31.0	31.0	30.0	23.1	4.80	7.10	10.40
Summary	37.6	23.2	17.6	4.1	0.8	0.0	197.7	184.5	171.2	138.9	14.9	28.8	52.1

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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	0.2	18.0	200.1	495.3	592.1	419.0	127.2	5.4	0.0	0.0
45	0.0	0.0	0.0	4.1	93.2	346.9	437.1	267.4	49.6	1.3	0.0	0.0
50	0.0	0.0	0.0	0.6	33.7	207.0	283.9	134.6	12.1	0.2	0.0	0.0
55	0.0	0.0	0.0	0.0	8.3	95.4	143.7	51.0	1.1	0.0	0.0	0.0
60	0.0	0.0	0.0	0.0	0.8	31.0	46.0	15.2	0.0	0.0	0.0	0.0
Growing Degree Units for Corn (Monthly)												
50/86	0.0	0.0	0.1	26.0	177.2	322.2	358.7	265.7	93.5	3.7	0.0	0.0
Growing Degree Units (Accumulated Monthly)												
40	0	0	0	18	218	714	1306	1725	1852	1857	1857	1857
45	0	0	0	4	97	444	881	1149	1198	1200	1200	1200
50	0	0	0	1	34	241	525	660	672	672	672	672
55	0	0	0	0	8	104	247	298	300	300	300	300
60	0	0	0	0	1	32	78	93	93	93	93	93
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	0	0	0	26	203	526	884	1150	1243	1247	1247	1247

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