

Summary of Monthly Normals
1991-2020

Generated on 05/20/2024

Current Location: Elev: 130 ft. Lat: 58.1072° N Lon: 135.4278° W

Station: HOONAH, AK US USC00503695

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	34.4	26.7	30.6	3.2	3.9	3.5	0.0	0.0	0.0	0.0	0.0	0.0	757.9	819.9	912.9	1067.9	0.0	0.0	0.3	9.9	22.8	0.0
02	36.7	26.7	31.7	3.6	4.6	4.0	0.0	0.0	0.0	0.0	0.0	0.0	652.4	708.4	792.4	932.4	0.0	0.0	0.0	5.6	21.2	0.0
03	39.9	28.4	34.1	3.7	3.1	3.3	0.0	0.0	0.0	0.0	0.0	0.0	646.3	708.3	801.3	956.3	0.0	0.0	1.3	4.0	23.7	0.0
04	48.5	33.4	41.0	2.5	1.9	2.0	0.1	0.0	0.0	0.0	0.0	0.0	421.6	481.5	571.5	721.5	0.0	0.0	11.0	0.1	13.7	0.0
05	57.5	39.8	48.6	3.6	1.9	2.4	7.7	2.8	0.3	0.0	0.0	0.0	204.6	261.6	352.1	506.8	0.0	0.0	26.2	0.0	2.5	0.0
06	62.3	46.9	54.6	2.7	1.1	1.8	48.8	29.0	11.8	1.5	0.0	0.0	60.8	101.0	173.8	313.5	0.0	0.0	29.9	0.0	0.0	0.0
07	64.5	51.0	57.8	2.9	1.2	1.9	101.1	58.9	21.4	2.1	0.0	0.0	15.8	35.6	91.2	226.9	0.0	0.0	31.0	0.0	0.0	0.0
08	64.4	50.5	57.4	2.9	1.2	1.6	88.1	47.4	14.3	0.7	0.0	0.0	12.2	33.5	93.4	234.7	0.0	0.0	31.0	0.0	0.0	0.0
09	57.7	44.9	51.3	2.6	1.6	1.6	11.9	4.3	0.5	0.0	0.0	0.0	122.9	175.3	261.5	411.0	0.0	0.0	29.2	0.0	0.3	0.0
10	48.1	37.7	42.9	1.8	1.6	1.5	0.1	0.0	0.0	0.0	0.0	0.0	375.1	437.1	530.1	685.1	0.0	0.0	11.8	0.0	6.0	0.0
11	39.0	31.0	35.0	3.4	3.5	3.4	0.0	0.0	0.0	0.0	0.0	0.0	600.0	660.0	750.0	900.0	0.0	0.0	0.7	4.9	17.7	0.0
12	35.6	28.3	31.9	2.8	3.0	2.9	0.0	0.0	0.0	0.0	0.0	0.0	714.6	776.6	869.6	1024.6	0.0	0.0	0.2	8.6	22.5	0.0
Summary	49.1	37.1	43.1	3.0	2.4	2.5	258	142	48	4	0	0	4584	5199	6200	7981	0.0	0.0	172.6	33.1	130.4	0.0

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	6.75	19.5	13.7	4.7	1.2	5.03	6.41	8.67	
02	5.02	15.8	10.2	2.5	0.8	2.44	4.66	6.77	
03	4.43	15.7	10.4	2.9	0.4	2.89	4.00	5.64	
04	3.13	16.9	8.8	1.3	0.2	2.21	3.10	3.79	
05	2.51	14.7	8.0	0.8	0.1	1.44	2.29	3.39	
06	2.67	16.0	8.6	1.1	0.2	1.89	2.51	3.30	
07	3.30	17.8	10.5	1.9	0.3	2.26	2.87	4.20	
08	4.86	19.3	12.1	2.8	0.7	2.69	4.00	6.91	
09	7.26	21.6	15.1	4.9	1.6	5.94	7.32	9.29	
10	9.19	23.7	16.6	6.0	2.1	7.45	9.39	10.31	
11	8.81	20.1	15.2	5.4	1.6	6.06	9.41	11.15	
12	7.86	21.0	14.8	5.1	1.4	5.65	6.95	10.25	
Summary	65.79	222.1	144.0	39.4	10.6	45.95	62.91	83.67	

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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	25.00	8.1	5.6	2.6	1.4	0.3	23.5	18.3	14.0	9.7	9.20	19.30	29.70
02	12.30	5.9	3.9	1.5	0.7	0.1	20.6	17.0	13.9	10.7	3.50	10.30	19.90
03	20.00	6.5	4.2	1.8	1.1	0.3	19.0	16.8	14.6	10.4	1.80	7.90	19.60
04	1.70	1.0	0.7	0.2	0.0	0.0	4.4	3.4	2.7	2.3	0.00	0.00	0.60
05	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
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	0.60	0.3	0.2	0.1	0.0	0.0	0.2	0.0	0.0	0.0	0.00	0.00	0.00
11	13.40	5.2	3.5	1.5	0.9	0.3	9.4	6.2	5.1	3.3	2.00	5.00	16.30
12	17.00	8.0	5.0	2.3	1.0	0.1	19.0	15.0	12.2	6.7	5.60	17.80	20.70
Summary	90.0	35.0	23.1	10.0	5.1	1.1	96.1	76.7	62.5	43.1	22.1	60.3	106.8

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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	2.4	8.3	67.7	269.3	438.0	550.2	540.9	339.1	115.6	15.9	4.9
45	0.4	0.0	0.4	11.9	131.0	288.2	395.2	385.9	192.0	30.6	1.9	0.7
50	0.1	0.0	0.0	1.2	43.2	145.2	241.0	231.2	69.1	3.4	0.1	0.0
55	0.0	0.0	0.0	0.1	7.7	48.8	101.1	88.1	11.9	0.1	0.0	0.0
60	0.0	0.0	0.0	0.0	0.3	11.8	21.4	14.3	0.5	0.0	0.0	0.0
Growing Degree Units for Corn (Monthly)												
50/86	0.4	0.0	2.3	26.6	122.5	191.6	254.0	249.1	120.7	19.3	0.8	0.3

Growing Degree Units (Accumulated Monthly)												
40	3	6	14	82	351	789	1339	1880	2219	2335	2351	2356
45	0	0	1	13	144	432	827	1213	1405	1436	1438	1438
50	0	0	0	1	44	190	431	662	731	734	734	734
55	0	0	0	0	8	57	158	246	258	258	258	258
60	0	0	0	0	0	12	34	48	48	48	48	48
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	0	0	3	29	152	343	597	846	967	986	987	988

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