

Summary of Monthly Normals
1981-2010

Generated on 06/04/2024

Current Location: Elev: 1000 ft. Lat: 61.9872° N Lon: 152.0758° W
Station: HAYES RIVER, AK US USC00503573

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	22.3	6.6	14.4	5.5	7.4	6.4	0	0	0	0	0	0	1257	1319	1412	1567	0.0	0.0	-7777	23.2	30.6	10.6
02	27.3	8.2	17.8	4.6	7.1	5.7	0	0	0	0	0	0	1043	1099	1183	1323	0.0	0.0	0.1	17.2	27.8	8.1
03	33.9	11.1	22.5	3.4	5.8	4.3	0	0	0	0	0	0	1007	1069	1162	1317	0.0	0.0	0.3	9.8	30.6	6.2
04	42.7	22.3	32.5	3.4	4.3	3.7	-7777	-7777	0	0	0	0	675	735	825	975	0.0	0.0	7.6	3.3	24.5	2.5
05	54.5	32.7	43.6	3.2	2.5	2.6	3	1	1	-7777	0	0	356	417	509	664	0.0	0.0	23.6	1.8	13.9	0.0
06	66.3	42.2	54.2	2.8	1.8	2.0	58	35	15	2	-7777	-7777	81	118	187	325	0.0	-7777	29.6	0.0	0.8	0.0
07	68.5	48.1	58.3	3.1	1.5	2.0	120	78	35	6	1	-7777	17	38	87	213	0.0	0.0	31.0	0.0	0.0	0.0
08	65.0	45.2	55.1	3.1	1.9	2.1	59	35	15	2	-7777	-7777	56	94	166	309	0.0	0.0	30.9	0.0	0.4	0.0
09	55.2	36.3	45.8	2.8	3.3	2.6	3	1	-7777	-7777	0	0	280	339	428	578	0.0	0.0	23.1	0.0	7.1	0.0
10	39.7	23.4	31.6	2.8	4.1	3.3	0	0	0	0	0	0	727	789	882	1037	0.0	0.0	2.3	4.3	25.2	0.9
11	27.2	10.8	19.0	3.4	5.6	4.4	0	0	0	0	0	0	1080	1140	1230	1380	0.0	0.0	0.0	19.0	29.4	5.7
12	23.2	7.6	15.4	4.3	5.8	4.9	0	0	0	0	0	0	1228	1290	1383	1538	0.0	0.0	0.0	24.0	30.8	9.1
Summary	43.8	24.5	34.2	3.5	4.3	3.7	243	150	66	10	1	0	7807	8447	9454	11226	0.0	0.0	148.5	102.6	221.1	43.1

-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	4.86	11.1	8.1	2.8	1.0	1.93	2.68	5.97
02	3.12	9.7	6.3	1.7	0.6	1.19	2.49	4.41
03	1.92	7.2	4.1	0.8	0.2	0.45	1.59	2.75
04	1.37	6.6	3.6	0.9	0.1	0.23	1.20	2.18
05	1.23	7.3	4.1	0.6	0.3	0.62	0.87	2.06
06	1.55	8.9	4.2	0.9	0.1	0.83	1.60	2.03
07	2.46	13.5	7.3	1.3	0.1	1.66	2.43	2.99
08	3.57	14.6	9.0	2.1	0.3	2.34	3.71	4.44
09	4.42	14.6	9.5	3.2	0.7	2.60	4.17	5.87
10	3.27	11.4	7.5	1.8	0.6	1.95	2.50	3.87
11	2.92	11.0	7.1	1.8	0.6	1.57	2.96	4.04
12	4.43	13.5	9.7	3.0	1.1	2.42	3.97	5.76
Summary	35.12	129.4	80.5	20.9	5.7	17.79	30.17	46.37

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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	48.1	9.7	8.7	5.1	3.2	1.2	31.0	31.0	31.0	31.0	26.0	39.7	62.6
02	33.3	8.5	7.2	3.8	2.4	0.8	28.2	28.2	28.2	28.2	11.9	32.5	57.5
03	24.3	5.8	4.8	2.4	1.0	0.4	31.0	31.0	31.0	31.0	5.0	15.5	48.7
04	12.4	3.0	2.7	1.4	0.9	0.4	29.9	29.9	29.9	29.7	2.2	7.2	22.9
05	1.7	0.7	0.6	0.2	0.1	0.0	18.6	18.2	17.5	15.6	0.0	1.0	1.8
06	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.3	0.2	0.1	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	0.6	0.3	0.3	-7777	0.0	0.0	0.5	0.3	0.2	0.1	0.0	0.0	0.0
10	10.4	3.8	2.9	1.2	0.7	0.2	12.5	9.5	6.5	1.5	5.5	10.9	15.5
11	34.1	9.3	8.1	4.0	2.2	0.8	28.2	27.6	25.2	16.8	19.8	32.0	48.9
12	57.3	12.2	10.6	5.9	3.5	1.2	31.0	31.0	30.7	28.8	35.0	54.0	81.5
Summary	222.2	53.3	45.9	24.0	14.0	5.0	211.4	207.0	200.4	182.8	105.4	192.8	339.4

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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	-7777	1	17	137	427	567	468	190	9	-7777	0
45	0	0	-7777	2	51	279	412	314	83	1	0	0
50	0	0	0	-7777	14	148	258	167	21	-7777	0	0
55	0	0	0	-7777	3	58	120	59	3	0	0	0
60	0	0	0	0	1	15	35	15	-7777	0	0	0
Growing Degree Units for Corn (Monthly)												
50/86	-7777	-7777	-7777	12	88	247	299	239	92	3	-7777	-7777

Growing Degree Units (Accumulated Monthly)												
40	0	0	1	18	155	582	1149	1617	1807	1816	1816	1816
45	0	0	0	2	53	332	744	1058	1141	1142	1142	1142
50	0	0	0	0	14	162	420	587	608	608	608	608
55	0	0	0	0	3	61	181	240	243	243	243	243
60	0	0	0	0	1	16	51	66	66	66	66	66
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	0	0	0	12	100	347	646	885	977	980	980	980

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