

Summary of Monthly Normals
1991-2020

Current Location: Elev: 7057 ft. Lat: 42.3703° N Lon: 106.1050° W
Station: SHIRLEY BASIN, WY US USC00488192

Generated on 05/18/2024

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	28.1	1.3	14.7	3.5	4.4	3.8	0.0	0.0	0.0	0.0	0.0	0.0	1249.2	1311.3	1404.3	1559.2	0.0	0.0	0.0	21.1	31.0	16.5
02	30.9	4.2	17.6	3.8	6.1	4.6	0.0	0.0	0.0	0.0	0.0	0.0	1048.5	1104.5	1188.5	1328.5	0.0	0.0	0.1	16.4	27.9	13.0
03	40.8	14.7	27.7	4.0	4.4	4.0	0.0	0.0	0.0	0.0	0.0	0.0	844.8	906.8	999.8	1154.8	0.0	0.0	6.0	7.8	30.7	5.5
04	49.6	23.5	36.5	3.9	2.6	3.0	0.6	0.2	0.0	0.0	0.0	0.0	554.1	613.6	703.5	853.5	0.0	0.0	14.8	2.8	28.6	0.7
05	60.2	32.0	46.1	4.1	1.6	2.5	11.9	5.7	1.3	0.0	0.0	0.0	287.9	343.6	432.2	586.0	0.0	0.0	25.1	0.4	19.3	0.1
06	72.6	39.4	56.0	3.9	1.6	2.4	97.8	65.8	30.4	4.2	0.1	0.0	67.8	95.7	150.4	274.2	0.0	0.0	29.4	0.0	6.5	0.0
07	81.1	45.8	63.5	3.0	2.8	2.7	267.7	210.3	130.2	36.7	4.0	0.9	5.9	10.4	23.4	84.9	0.0	0.7	31.0	0.0	1.0	0.0
08	79.5	43.1	61.3	2.5	2.3	2.1	208.8	155.7	86.8	19.7	1.7	0.3	13.6	22.4	46.5	134.5	0.0	0.1	31.0	0.0	2.3	0.0
09	69.1	33.7	51.4	3.4	3.0	2.7	45.1	27.9	11.5	1.2	0.0	0.0	153.2	195.9	269.5	409.2	0.0	0.0	28.4	0.2	16.0	0.0
10	54.1	23.4	38.7	4.5	3.9	3.7	1.3	0.5	0.1	0.0	0.0	0.0	505.0	566.3	658.8	813.7	0.0	0.0	19.7	2.0	28.0	0.6
11	39.6	13.5	26.6	5.2	4.0	4.4	0.0	0.0	0.0	0.0	0.0	0.0	853.5	913.5	1003.5	1153.5	0.0	0.0	5.4	9.9	29.6	6.2
12	29.1	2.6	15.8	3.6	4.8	3.8	0.0	0.0	0.0	0.0	0.0	0.0	1213.4	1275.5	1368.5	1523.4	0.0	0.0	0.2	20.3	31.0	15.2
Summary	52.9	23.1	38.0	3.8	3.5	3.3	633	466	260	62	6	1	6797	7359	8249	9875	0.0	0.8	191.1	80.9	251.9	57.8

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	0.50	7.2	1.5	0.0	0.0	0.24	0.41	0.60	
02	0.62	8.5	1.8	0.1	0.0	0.38	0.52	0.74	
03	0.80	7.8	2.6	0.2	0.0	0.36	0.69	0.96	
04	1.29	10.9	4.1	0.4	0.0	0.67	1.41	1.71	
05	1.83	10.6	4.9	0.7	0.2	1.02	1.54	2.39	
06	1.35	8.3	3.8	0.7	0.1	0.53	1.17	2.09	
07	1.30	7.7	3.2	0.8	0.1	0.52	1.19	1.63	
08	0.83	6.8	2.8	0.4	0.0	0.36	0.69	1.06	
09	0.93	6.2	3.0	0.3	0.0	0.65	0.94	1.12	
10	0.80	6.8	2.7	0.4	0.0	0.35	0.73	0.98	
11	0.43	5.4	1.6	0.1	0.0	0.21	0.36	0.54	
12	0.43	7.1	1.8	0.1	0.0	0.24	0.37	0.55	
Summary	11.11	93.3	33.8	4.2	0.4	5.53	10.02	14.37	

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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	0.1	0.5	12.1	57.3	223.1	481.2	726.8	660.2	353.7	92.0	10.3	0.4
45	0.0	0.0	1.7	17.0	118.0	336.4	571.8	505.9	222.6	33.9	1.7	0.0
50	0.0	0.0	0.1	3.8	47.9	204.0	417.9	353.4	115.0	8.3	0.3	0.0
55	0.0	0.0	0.0	0.6	11.9	97.8	267.7	208.8	45.1	1.3	0.0	0.0
60	0.0	0.0	0.0	0.0	1.3	30.4	130.2	86.8	11.5	0.1	0.0	0.0
Growing Degree Units for Corn (Monthly)												
50/86	0.0	0.3	17.7	66.2	177.1	341.5	485.2	459.3	292.8	115.1	19.7	0.4

Growing Degree Units (Accumulated Monthly)												
40	0	1	13	70	293	774	1501	2161	2515	2607	2617	2618
45	0	0	2	19	137	473	1045	1551	1773	1807	1809	1809
50	0	0	0	4	52	256	674	1027	1142	1150	1151	1151
55	0	0	0	1	12	110	378	587	632	633	633	633
60	0	0	0	0	1	32	162	249	260	260	260	260
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	0	0	18	84	261	603	1088	1547	1840	1955	1975	1975

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

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