

Summary of Monthly Normals
1991-2020

Current Location: Elev: 4239 ft. Lat: 43.6450° N Lon: 104.8414° W
Station: ROCHELLE 7ENE, WY US USC00487810
Generated on 06/04/2024

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	34.4	7.9	21.1	3.8	4.6	4.1	0.0	0.0	0.0	0.0	0.0	0.0	1049.3	1111.3	1204.3	1359.3	0.0	0.0	2.3	11.5	30.8	9.2
02	36.8	10.2	23.5	6.4	7.7	7.0	0.0	0.0	0.0	0.0	0.0	0.0	881.7	937.7	1021.8	1161.8	0.0	0.0	4.4	9.0	27.6	6.6
03	47.4	17.7	32.5	6.1	5.3	5.5	0.0	0.0	0.0	0.0	0.0	0.0	696.0	758.0	851.0	1006.0	0.0	0.0	12.6	4.7	28.6	3.3
04	57.2	26.3	41.8	4.3	2.8	3.2	4.4	2.3	0.8	0.2	0.0	0.0	401.9	459.8	548.3	697.7	0.0	0.1	22.3	0.9	21.9	0.4
05	65.6	36.8	51.2	5.1	2.1	3.1	47.1	28.1	10.4	1.3	0.0	0.0	165.0	207.9	283.3	429.2	0.0	0.1	28.1	0.0	7.0	0.0
06	78.2	45.6	61.9	4.9	2.1	3.2	227.6	178.4	114.2	43.2	11.3	6.3	20.5	31.3	57.1	136.1	0.1	3.2	29.8	0.0	0.8	0.0
07	90.0	52.7	71.3	4.7	3.1	3.6	507.1	445.6	354.6	211.4	96.6	63.3	0.6	1.1	3.0	14.8	1.6	13.1	31.0	0.0	0.1	0.0
08	87.8	49.9	68.9	3.0	3.0	2.5	434.5	375.2	287.6	153.0	59.0	35.7	5.3	8.0	13.4	33.8	1.9	14.4	31.0	0.0	0.1	0.0
09	77.1	39.1	58.1	2.8	2.8	2.5	153.2	116.1	72.3	24.3	4.7	2.4	60.3	83.2	129.4	231.3	0.2	3.9	29.2	0.0	5.8	0.0
10	61.8	26.5	44.2	6.3	2.1	3.8	13.3	6.5	1.5	0.1	0.0	0.0	349.7	404.9	492.9	646.5	0.0	0.2	25.5	1.2	21.9	0.9
11	46.1	15.7	30.9	5.6	3.5	4.3	0.6	0.2	0.0	0.0	0.0	0.0	723.5	783.1	872.9	1022.9	0.0	0.0	11.3	5.6	28.9	3.6
12	34.6	8.8	21.7	5.2	2.7	3.8	0.0	0.0	0.0	0.0	0.0	0.0	1032.0	1094.0	1187.1	1342.1	0.0	0.0	2.5	11.4	30.7	7.4
Summary	59.8	28.1	43.9	4.8	3.5	3.9	1388	1152	841	434	172	108	5386	5880	6664	8082	3.8	35.0	230.0	44.3	204.2	31.4

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	0.32	4.3	1.1	0.0	0.0	0.18	0.29	0.44	
02	0.45	4.5	2.0	0.1	0.0	0.24	0.39	0.70	
03	0.77	5.3	2.2	0.2	0.0	0.32	0.62	1.09	
04	2.03	8.2	5.2	1.2	0.2	1.49	2.10	2.37	
05	2.46	8.6	5.5	1.5	0.4	1.31	1.81	2.66	
06	2.43	8.8	5.8	1.6	0.5	1.11	2.31	3.43	
07	2.52	7.1	5.5	1.7	0.4	1.42	2.20	3.23	
08	0.99	4.6	2.7	0.7	0.0	0.58	0.84	1.41	
09	0.76	4.0	2.5	0.6	0.0	0.31	0.75	1.07	
10	1.14	4.9	3.2	0.8	0.2	0.48	0.94	1.49	
11	0.44	4.2	1.7	0.1	0.1	0.29	0.39	0.57	
12	0.30	3.7	1.1	0.0	0.0	0.19	0.27	0.38	
Summary	14.61	68.2	38.5	8.5	1.8	7.92	12.91	18.84	

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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	0.9	5.0	39.2	127.8	358.3	657.4	971.2	894.1	544.3	198.8	35.8	1.2
45	0.0	1.3	10.1	53.8	224.4	508.9	816.3	739.6	400.9	104.9	13.2	0.1
50	0.0	0.2	1.5	16.5	118.8	363.2	661.7	585.4	266.5	44.8	4.2	0.0
55	0.0	0.0	0.0	4.4	47.1	227.6	507.1	434.5	153.2	13.3	0.6	0.0
60	0.0	0.0	0.0	0.8	10.4	114.2	354.6	287.6	72.3	1.5	0.0	0.0
Growing Degree Units for Corn (Monthly)												
50/86	2.5	7.5	61.6	137.1	252.0	423.6	596.2	564.9	399.7	208.1	54.9	3.5

Growing Degree Units (Accumulated Monthly)												
40	1	6	45	173	531	1189	2160	3054	3598	3797	3833	3834
45	0	1	11	65	290	798	1615	2354	2755	2860	2873	2874
50	0	0	2	18	137	500	1162	1747	2014	2059	2063	2063
55	0	0	0	4	52	279	786	1221	1374	1387	1388	1388
60	0	0	0	1	11	125	480	768	840	841	841	841
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	2	10	72	209	461	884	1480	2045	2445	2653	2708	2712

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