

Summary of Monthly Normals 1981-2010

Generated on 01/31/2019

Current Location: Elev: 4354 ft. Lat: 44.3394° N Lon: -105.5419° W

Station: **GILLETTE CAMPBELL CO AIRPORT, WY US USW00094023**

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	37.2	14.5	25.9	5.5	5.4	5.3	0	0	0	0	0	0	904	966	1059	1214	0.0	0.0	3.8	8.7	29.7	4.1
02	38.2	16.6	27.4	6.5	6.2	6.2	-7777	-7777	0	0	0	0	772	829	912	1053	0.0	0.0	4.3	7.8	26.3	2.5
03	47.0	22.4	34.7	4.7	3.9	4.2	2	1	-7777	0	0	0	631	692	784	939	0.0	0.0	13.0	4.2	26.9	0.8
04	55.8	29.6	42.7	4.6	3.3	3.8	10	6	2	-7777	0	0	379	434	521	669	0.0	0.0	20.5	0.8	17.8	0.2
05	65.8	39.8	52.8	4.1	1.7	2.6	72	51	27	8	2	1	141	181	250	386	0.0	0.4	28.6	0.0	3.8	0.0
06	77.0	47.5	62.3	4.8	1.9	3.2	240	193	133	60	20	12	22	35	65	142	0.4	2.9	29.7	0.0	0.3	0.0
07	86.6	56.0	71.3	4.5	2.0	3.0	505	444	354	214	101	67	1	1	4	19	0.8	11.7	31.0	0.0	0.0	0.0
08	85.7	53.3	69.5	3.4	3.2	3.2	452	392	306	178	79	51	3	5	11	38	0.8	10.3	31.0	0.0	0.0	0.0
09	73.4	43.4	58.4	4.0	3.3	3.3	175	139	94	40	12	6	73	97	142	238	0.0	2.1	29.1	0.0	2.4	0.0
10	58.7	31.8	45.3	4.2	2.7	3.2	24	15	7	2	-7777	-7777	326	379	464	614	0.0	0.1	22.6	0.8	15.4	0.0
11	44.6	21.0	32.8	7.5	5.0	6.1	2	1	-7777	-7777	0	0	667	727	816	966	0.0	0.0	11.7	5.5	26.3	1.6
12	35.1	13.2	24.2	5.8	5.7	5.6	-7777	0	0	0	0	0	956	1018	1111	1266	0.0	0.0	2.8	10.9	29.7	5.0
Summary	58.8	32.4	45.6	5.0	3.7	4.1	1482	1242	923	502	214	137	4875	5364	6139	7544	2.0	27.5	228.1	38.7	178.6	14.2

-7777: a non-zero value that would round to zero

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	0.39							
02	0.39							
03	0.96							
04	1.47							
05	2.45							
06	2.21							
07	1.66							
08	0.95							
09	1.19							
10	1.27							
11	0.55							
12	0.40							
Summary	13.89	0.0	0.0	0.0	0.0	0.00	0.00	0.00

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Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	9	12	65	158	403	668	969	914	555	221	54	7
45	2	3	28	83	266	518	815	759	414	127	23	2
50	-7777	-7777	9	34	152	373	659	604	283	61	8	-7777
55	0	-7777	2	10	72	240	505	452	175	24	2	-7777
60	0	0	-7777	2	27	133	354	306	94	7	-7777	0
Growing Degree Units for Corn (Monthly)												
50/86	8	11	62	126	253	415	614	575	359	168	50	6

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	9	21	86	244	647	1315	2284	3198	3753	3974	4028	4035
45	2	5	33	116	382	900	1715	2474	2888	3015	3038	3040
50	0	0	9	43	195	568	1227	1831	2114	2175	2183	2183
55	0	0	2	12	84	324	829	1281	1456	1480	1482	1482
60	0	0	0	2	29	162	516	822	916	923	923	923
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	8	19	81	207	460	875	1489	2064	2423	2591	2641	2647

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

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