U.S. Department of Commerce
National Oceanic & Atmospheric Administration
National Environmental Satellite, Data, and Information Service

Summary of Monthly Normals
1991-2020

Generated on 11/06/2026

National Centers for Environmental Information
151 Patton Avenue
Asheville, North Carolina 28801

Current Location: Elev: 489 ft. Lat: 35.4344° N Lon: 119.0542° W

Station: **BAKERSFIELD AP, CA US USW00023155**

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	58.5	40.5	49.5	3.5	3.1	2.7	13.6	6.3	1.8	0.3	0.1	0.0	184.1	238.8	327.3	480.8	0.0	0.0	27.7	0.0	3.5	0.0
02	64.3	43.2	53.8	3.2	2.8	2.3	45.7	26.4	9.6	0.6	0.0	0.0	80.8	117.4	184.6	315.6	0.0	0.0	27.9	0.0	0.8	0.0
03	70.2	47.0	58.6	3.9	2.4	2.9	143.0	101.8	54.1	12.7	1.9	0.5	31.5	52.2	97.5	211.2	0.0	0.4	31.0	0.0	0.1	0.0
04	75.9	50.7	63.3	3.4	2.6	2.9	258.8	208.1	140.9	62.1	20.4	11.8	9.7	19.0	41.8	113.0	0.0	2.5	30.0	0.0	0.0	0.0
05	84.1	58.0	71.1	3.9	3.2	3.5	497.8	436.6	347.3	213.8	110.1	79.5	0.3	1.1	4.7	26.3	1.0	8.8	31.0	0.0	0.0	0.0
06	92.3	65.1	78.7	3.0	2.7	2.8	711.0	651.0	561.3	413.0	273.5	222.3	0.0	0.0	0.3	2.0	5.9	19.7	30.0	0.0	0.0	0.0
07	98.3	71.3	84.8	2.5	2.5	2.5	923.7	861.7	768.7	613.7	458.9	397.3	0.0	0.0	0.0	0.0	13.2	29.3	31.0	0.0	0.0	0.0
08	96.9	70.0	83.4	2.3	2.2	2.1	881.9	819.9	726.9	571.9	417.2	355.8	0.0	0.0	0.0	0.0	11.0	27.8	31.0	0.0	0.0	0.0
09	91.4	65.0	78.2	2.4	2.0	2.1	695.9	635.9	545.9	397.3	256.6	205.5	0.0	0.0	0.0	1.4	4.2	19.4	30.0	0.0	0.0	0.0
10	80.2	55.2	67.7	3.1	2.8	2.7	395.2	335.6	251.0	132.8	54.5	36.1	1.5	3.9	12.3	49.1	0.1	4.1	31.0	0.0	0.0	0.0
11	67.1	45.4	56.3	3.3	2.5	2.8	95.6	64.9	32.5	6.4	0.8	0.3	58.1	87.3	144.9	268.8	0.0	0.0	29.8	0.0	0.7	0.0
12	58.8	39.6	49.2	2.5	3.2	2.4	14.5	7.3	1.8	0.1	0.0	0.0	194.2	249.0	336.6	489.7	0.0	0.0	28.2	0.0	4.9	0.0
Summary	78.2	54.2	66.2	3.1	2.7	2.6	4677	4156	3442	2425	1594	1309	560	769	1150	1958	35.4	112.0	358.6	0.0	10.0	0.0

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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	1.19	6.3	3.5	0.5	0.1	0.53	0.89	1.82
02	1.18	6.8	3.4	0.7	0.0	0.36	0.94	1.63
03	1.15	6.0	3.2	0.6	0.0	0.37	0.81	1.74
04	0.60	3.9	1.7	0.2	0.0	0.09	0.46	0.86
05	0.25	2.1	0.8	0.1	0.0	0.00	0.08	0.30
06	0.05	0.4	0.2	0.0	0.0	0.00	0.00	0.01
07	0.00	0.2	0.0	0.0	0.0	0.00	0.00	0.00
08	0.00	0.1	0.0	0.0	0.0	0.00	0.00	0.00
09	0.05	0.6	0.1	0.0	0.0	0.00	0.00	0.04
10	0.28	1.6	0.8	0.2	0.0	0.01	0.19	0.30
11	0.51	3.6	1.5	0.2	0.0	0.07	0.39	0.84
12	1.10	6.0	3.1	0.4	0.1	0.56	0.82	1.49
Summary	6.36	37.6	18.3	2.9	0.2	1.99	4.58	9.03

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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	0.10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
02	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
03	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
04	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
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	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
11	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
12	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
Summary	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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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	296.9	385.0	576.6	699.0	962.5	1161.0	1388.7	1346.9	1145.9	858.7	487.6	288.0
45	158.9	247.3	421.8	549.0	807.5	1011.0	1233.7	1191.9	995.9	703.7	339.6	151.2
50	61.1	126.5	271.8	399.8	652.6	861.0	1078.7	1036.9	845.9	548.8	203.2	58.2
55	13.6	45.7	143.0	258.8	497.8	711.0	923.7	881.9	695.9	395.2	95.6	14.5
60	1.8	9.6	54.1	140.9	347.3	561.3	768.7	726.9	545.9	251.0	32.5	1.8
Growing Degree Units for Corn (Monthly)												
50/86	140.3	204.8	326.7	420.4	614.5	750.9	887.5	866.7	746.6	538.0	267.1	143.5

Growing Degree Units (Accumulated Monthly)

40	297	682	1258	1958	2920	4081	5470	6817	7962	8821	9309	9597
45	159	406	828	1377	2184	3196	4429	5621	6617	7321	7660	7812
50	61	188	459	859	1512	2373	3452	4488	5334	5883	6086	6144
55	14	59	202	461	959	1670	2594	3476	4171	4567	4662	4677
60	2	11	66	206	554	1115	1884	2611	3156	3408	3440	3442
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	140	345	672	1092	1707	2458	3345	4212	4958	5496	5764	5907

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

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