

Summary of Monthly Normals
1991-2020

Current Location: Elev: 7152 ft. Lat: 35.2303° N Lon: 111.8222° W
Station: BELLEMONT WFO, AZ US USC00020678
Generated on 04/30/2024

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	43.9	11.3	27.6	4.1	5.0	3.9	0.0	0.0	0.0	0.0	0.0	0.0	849.4	911.4	1004.4	1159.4	0.0	0.0	8.8	3.6	30.5	4.5
02	45.6	15.4	30.5	4.6	3.2	3.2	0.0	0.0	0.0	0.0	0.0	0.0	686.0	742.0	826.0	966.0	0.0	0.0	9.7	2.7	27.7	2.3
03	52.6	20.2	36.4	3.8	2.5	2.3	0.0	0.0	0.0	0.0	0.0	0.0	576.7	638.7	731.7	886.7	0.0	0.0	19.3	0.8	30.1	0.4
04	58.7	24.0	41.4	3.7	1.7	2.3	0.1	0.0	0.0	0.0	0.0	0.0	409.6	469.5	559.5	709.5	0.0	0.0	25.5	0.1	27.3	0.0
05	68.1	29.5	48.8	4.0	2.0	2.6	14.2	6.6	1.2	0.0	0.0	0.0	206.4	260.8	348.4	502.2	0.0	0.0	29.8	0.0	22.5	0.0
06	78.9	35.9	57.4	3.6	2.0	2.5	105.9	68.0	29.1	4.3	0.1	0.0	33.9	56.0	107.1	232.3	0.0	1.2	30.0	0.0	8.9	0.0
07	81.6	46.4	64.0	2.0	2.4	1.4	279.7	218.9	131.7	28.3	1.2	0.1	0.8	2.0	7.8	59.4	0.0	1.4	31.0	0.0	0.6	0.0
08	79.2	45.9	62.6	2.7	1.8	1.5	235.0	175.7	95.1	13.0	0.3	0.0	0.9	3.6	16.0	89.0	0.0	0.4	31.0	0.0	0.3	0.0
09	74.0	37.3	55.7	2.7	2.1	1.7	69.5	37.7	11.1	0.2	0.0	0.0	50.0	78.3	141.6	280.8	0.0	0.1	30.0	0.0	7.1	0.0
10	63.8	26.8	45.3	3.8	3.1	2.3	2.0	0.3	0.0	0.0	0.0	0.0	302.6	363.0	455.7	610.7	0.0	0.0	28.6	0.0	25.0	0.0
11	52.5	18.2	35.4	4.7	2.0	2.8	0.0	0.0	0.0	0.0	0.0	0.0	589.5	649.5	739.5	889.5	0.0	0.0	19.4	1.0	28.6	0.5
12	43.7	11.3	27.5	3.3	3.7	3.0	0.0	0.0	0.0	0.0	0.0	0.0	852.4	914.4	1007.4	1162.4	0.0	0.0	9.4	4.2	30.4	4.2
Summary	61.9	26.9	44.4	3.6	2.6	2.5	706	507	268	46	2	0	4558	5089	5945	7548	0.0	3.1	272.5	12.4	239.0	11.9

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	1.97	7.0	4.2	1.0	0.2	0.49	1.43	2.46	
02	2.17	7.1	4.6	1.1	0.3	0.83	1.91	2.79	
03	1.77	6.1	3.7	1.0	0.2	0.65	1.50	2.61	
04	1.05	4.8	2.6	0.5	0.0	0.34	1.01	1.64	
05	0.69	3.9	1.9	0.3	0.0	0.10	0.28	0.88	
06	0.29	2.5	1.0	0.1	0.0	0.00	0.10	0.48	
07	2.66	13.8	7.9	1.7	0.4	1.38	2.44	3.85	
08	3.23	13.2	7.0	1.9	0.5	1.97	2.89	4.19	
09	1.77	7.1	3.4	1.1	0.2	0.75	1.43	2.53	
10	1.57	5.6	3.2	1.1	0.3	0.25	1.10	2.81	
11	1.23	4.4	2.5	0.9	0.2	0.49	0.84	1.70	
12	1.76	7.0	4.1	1.0	0.3	0.65	1.36	2.70	
Summary	20.16	82.5	46.1	11.7	2.6	7.90	16.29	28.64	

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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	16.60	5.8	3.7	1.8	0.8	0.3	19.1	14.7	11.8	6.8	6.20	10.10	27.90
02	16.80	6.4	4.4	2.1	1.0	0.2	12.5	8.9	6.5	4.1	11.00	16.30	22.60
03	11.60	4.9	2.7	1.5	1.1	0.2	7.4	4.7	3.4	1.5	3.90	11.70	15.60
04	4.70	2.9	1.6	0.5	0.1	0.0	1.6	0.5	0.2	0.0	1.50	3.00	5.90
05	1.60	1.0	0.3	0.2	0.1	0.0	0.3	0.0	0.0	0.0	0.00	0.00	1.10
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	1.30	0.5	0.3	0.1	0.1	0.0	0.3	0.3	0.2	0.0	0.00	0.00	0.40
11	5.50	2.6	1.2	0.7	0.3	0.0	3.8	1.9	0.5	0.1	0.90	4.90	7.10
12	14.50	6.1	4.0	1.9	0.9	0.2	13.8	10.9	6.8	3.2	5.70	12.10	21.90
Summary	72.6	30.2	18.2	8.8	4.4	0.9	58.8	41.9	29.4	15.7	29.2	58.1	102.5

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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	0.7	3.3	29.1	89.3	281.5	522.0	743.8	699.0	469.5	186.0	27.0	1.2
45	0.0	0.1	2.9	24.3	151.4	372.4	588.8	544.0	322.0	78.4	3.6	0.0
50	0.0	0.0	0.0	3.1	59.6	228.5	433.7	389.0	183.5	20.4	0.2	0.0
55	0.0	0.0	0.0	0.1	14.2	105.9	279.7	235.0	69.5	2.0	0.0	0.0
60	0.0	0.0	0.0	0.0	1.2	29.1	131.7	95.1	11.1	0.0	0.0	0.0
Growing Degree Units for Corn (Monthly)												
50/86	18.3	28.3	83.0	143.2	283.2	430.8	495.6	459.2	360.3	219.5	80.7	21.1

Growing Degree Units (Accumulated Monthly)												
40	1	4	33	122	404	926	1670	2369	2838	3024	3051	3052
45	0	0	3	27	179	551	1140	1684	2006	2084	2088	2088
50	0	0	0	3	63	291	725	1114	1297	1318	1318	1318
55	0	0	0	0	14	120	400	635	704	706	706	706
60	0	0	0	0	1	30	162	257	268	268	268	268
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	18	47	130	273	556	987	1482	1942	2302	2521	2602	2623

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