

Summary of Monthly Normals
1991-2020

Current Location: Elev: 7347 ft. Lat: 35.2681° N Lon: 111.7428° W
Station: FT VALLEY, AZ US USC00023160

Generated on 04/27/2024

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	46.3	16.9	31.6	3.7	3.9	3.2	0.0	0.0	0.0	0.0	0.0	0.0	725.4	787.4	880.4	1035.4	0.0	0.0	9.1	2.5	30.3	4.3
02	48.1	19.6	33.8	4.8	4.5	4.1	0.0	0.0	0.0	0.0	0.0	0.0	592.2	648.2	732.2	872.2	0.0	0.0	11.5	1.7	27.7	2.0
03	54.4	23.7	39.1	4.3	2.3	2.9	0.0	0.0	0.0	0.0	0.0	0.0	494.5	556.4	649.4	804.4	0.0	0.0	20.5	0.7	30.6	0.2
04	62.0	27.1	44.5	4.4	1.5	2.7	2.0	1.0	0.3	0.0	0.0	0.0	315.5	374.4	463.8	613.5	0.0	0.0	25.1	0.2	28.2	0.0
05	70.8	32.7	51.7	4.1	2.0	2.6	34.8	20.4	8.4	0.9	0.0	0.0	135.5	183.1	264.1	411.6	0.0	0.1	30.2	0.0	22.7	0.0
06	81.6	39.6	60.6	3.7	3.2	3.0	186.3	140.2	82.5	22.2	2.9	0.8	18.4	32.2	64.5	154.2	0.0	1.8	29.9	0.0	9.8	0.0
07	83.6	49.3	66.5	2.2	3.0	1.8	355.0	293.4	203.0	73.2	12.3	3.9	0.1	0.5	3.1	28.3	0.0	3.2	31.0	0.0	0.9	0.0
08	81.3	49.2	65.2	3.2	1.9	2.1	318.0	256.9	167.7	46.7	3.9	1.0	0.3	1.2	5.0	39.0	0.0	0.6	31.0	0.0	0.3	0.0
09	76.0	40.8	58.4	2.6	1.8	1.6	128.4	86.5	39.3	4.3	0.1	0.0	26.5	44.5	87.4	202.3	0.0	0.0	30.0	0.0	7.8	0.0
10	65.9	30.1	48.0	4.5	2.8	2.8	7.3	2.6	0.2	0.0	0.0	0.0	224.3	281.5	372.2	527.0	0.0	0.0	28.3	0.1	26.3	0.0
11	54.9	22.5	38.7	4.8	2.6	3.2	0.0	0.0	0.0	0.0	0.0	0.0	489.0	549.0	639.0	789.0	0.0	0.0	19.8	0.8	29.1	0.7
12	45.9	16.4	31.2	2.9	4.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	739.2	801.2	894.2	1049.2	0.0	0.0	10.6	3.3	30.2	3.4
Summary	64.2	30.7	47.4	3.8	2.8	2.8	1032	801	501	147	19	6	3761	4260	5055	6526	0.0	5.7	277.0	9.3	243.9	10.6

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	2.10	7.6	4.5	1.7	0.6	0.18	1.12	2.85
02	2.47	8.6	5.8	1.6	0.4	1.12	1.97	3.72
03	1.81	6.6	3.9	1.2	0.2	0.44	1.48	2.32
04	0.90	4.5	2.6	0.5	0.1	0.33	0.68	1.06
05	0.89	4.2	1.8	0.5	0.0	0.15	0.44	1.20
06	0.23	2.2	1.0	0.0	0.0	0.01	0.07	0.50
07	2.78	11.2	5.8	1.6	0.6	1.20	2.50	3.96
08	3.38	13.1	6.6	2.1	0.8	2.11	3.18	5.00
09	1.82	7.5	4.3	1.0	0.3	0.97	1.59	2.67
10	1.28	4.8	2.7	0.8	0.2	0.32	0.83	1.88
11	1.33	4.5	2.4	0.6	0.3	0.55	1.33	1.93
12	1.61	6.8	3.7	1.0	0.3	0.67	1.37	2.28
Summary	20.60	81.6	45.1	12.6	3.8	8.05	16.56	29.37

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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	9.7	21.6	65.5	166.3	368.2	618.0	819.8	782.7	551.9	261.4	64.7	9.4
45	0.9	3.8	13.7	67.6	224.2	468.5	664.9	627.7	402.5	133.9	15.7	0.7
50	0.0	0.1	1.4	16.0	106.1	321.5	509.9	472.7	256.9	44.2	1.4	0.0
55	0.0	0.0	0.0	2.0	34.8	186.3	355.0	318.0	128.4	7.3	0.0	0.0
60	0.0	0.0	0.0	0.3	8.4	82.5	203.0	167.7	39.3	0.2	0.0	0.0
Growing Degree Units for Corn (Monthly)												
50/86	30.5	43.1	103.3	190.8	323.0	463.8	533.2	501.9	393.1	252.2	108.8	34.4

Growing Degree Units (Accumulated Monthly)												
40	10	31	97	263	631	1249	2069	2852	3404	3665	3730	3739
45	1	5	18	86	310	779	1444	2071	2474	2608	2623	2624
50	0	0	2	18	124	445	955	1428	1685	1729	1730	1730
55	0	0	0	2	37	223	578	896	1024	1032	1032	1032
60	0	0	0	0	9	91	294	462	501	501	501	501
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	30	74	177	368	691	1154	1688	2190	2583	2835	2944	2978

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

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