

Summary of Monthly Normals
1991-2020

Generated on 04/28/2024

Current Location: Elev: 1695 ft. Lat: 32.8358° N Lon: 116.7775° W

Station: ALPINE, CA US USC00040136

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	63.9	42.5	53.2	4.0	3.2	3.2	54.8	33.8	13.3	1.2	0.1	0.0	110.7	151.7	224.2	367.1	0.0	0.0	30.6	0.0	0.6	0.0
02	64.2	42.3	53.3	4.1	2.8	3.2	51.6	33.5	15.7	2.7	0.2	0.1	100.6	138.5	204.7	331.6	0.0	0.0	27.6	0.0	0.9	0.0
03	67.2	44.4	55.8	4.3	2.2	3.1	91.4	60.0	28.3	5.8	0.6	0.2	66.6	97.2	158.5	290.9	0.0	0.1	30.7	0.0	0.2	0.0
04	70.7	46.9	58.8	3.5	2.4	2.7	147.1	107.0	61.8	20.5	4.6	1.9	33.1	53.0	97.8	206.5	0.0	1.0	30.0	0.0	0.1	0.0
05	74.4	50.8	62.6	4.0	2.3	3.0	244.4	191.3	122.6	45.5	13.3	7.5	8.8	17.7	42.0	119.8	0.0	1.9	31.0	0.0	0.0	0.0
06	81.2	54.3	67.8	3.7	2.5	2.9	382.9	323.4	236.3	113.0	43.3	27.6	0.3	0.9	3.8	30.5	0.4	4.8	30.0	0.0	0.0	0.0
07	86.7	60.2	73.4	3.3	2.8	2.9	571.9	509.9	416.9	263.9	132.1	92.9	0.0	0.0	0.0	2.0	1.0	12.2	31.0	0.0	0.0	0.0
08	88.9	62.2	75.5	2.5	2.2	2.2	637.0	575.0	482.0	327.8	184.4	137.3	0.0	0.0	0.0	0.8	1.3	16.8	31.0	0.0	0.0	0.0
09	85.9	60.3	73.1	2.7	2.4	2.2	542.9	483.1	394.1	252.3	135.3	98.9	0.0	0.2	1.2	9.4	1.2	12.8	30.0	0.0	0.0	0.0
10	78.3	54.0	66.2	3.8	2.5	2.8	347.8	289.9	210.7	107.7	44.3	28.3	2.2	6.3	20.0	72.1	0.2	5.0	31.0	0.0	0.0	0.0
11	70.6	47.6	59.1	2.8	2.7	2.6	158.5	119.9	73.5	25.9	5.8	2.5	35.5	57.0	100.6	203.0	0.0	0.4	30.0	0.0	0.1	0.0
12	63.1	41.5	52.3	2.7	2.0	2.1	39.4	22.7	8.2	0.8	0.0	0.0	122.9	168.3	246.7	394.3	0.0	0.0	30.6	0.0	1.3	0.0
Summary	74.6	50.6	62.6	3.4	2.5	2.7	3270	2750	2063	1167	564	397	481	691	1100	2028	4.1	55.0	363.5	0.0	3.2	0.0

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	3.21	5.9	4.9	1.7	0.7	0.76	2.16	4.38
02	3.65	8.0	5.5	2.7	1.1	1.48	3.54	4.69
03	2.73	5.8	4.1	1.6	0.7	0.94	1.59	3.33
04	1.18	4.3	2.7	0.8	0.2	0.31	0.87	2.01
05	0.57	2.8	1.5	0.2	0.0	0.03	0.12	0.70
06	0.13	0.7	0.4	0.1	0.0	0.00	0.00	0.13
07	0.10	0.9	0.3	0.0	0.0	0.00	0.06	0.11
08	0.12	0.7	0.4	0.1	0.0	0.00	0.00	0.01
09	0.25	1.0	0.6	0.1	0.0	0.00	0.10	0.34
10	0.59	2.4	1.2	0.3	0.1	0.04	0.13	0.79
11	1.48	4.1	3.0	1.1	0.5	0.38	1.27	1.95
12	2.04	6.1	4.5	1.5	0.6	0.79	1.61	2.88
Summary	16.05	42.7	29.1	10.2	3.9	4.73	11.45	21.32

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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	409.9	371.1	489.9	564.0	700.6	832.5	1036.9	1102.0	993.0	810.6	573.0	381.5
45	260.9	236.0	336.8	414.5	545.6	682.5	881.9	947.0	843.0	655.6	423.6	232.3
50	135.4	122.7	197.0	271.2	391.4	532.5	726.9	792.0	693.0	500.7	280.0	113.9
55	54.8	51.6	91.4	147.1	244.4	382.9	571.9	637.0	542.9	347.8	158.5	39.4
60	13.3	15.7	28.3	61.8	122.6	236.3	416.9	482.0	394.1	210.7	73.5	8.2
Growing Degree Units for Corn (Monthly)												
50/86	221.8	202.2	273.5	324.0	408.3	521.1	683.8	728.5	648.2	498.7	332.3	206.5

Growing Degree Units (Accumulated Monthly)												
40	410	781	1271	1835	2536	3368	4405	5507	6500	7310	7884	8265
45	261	497	834	1248	1794	2476	3358	4305	5148	5804	6227	6460
50	135	258	455	726	1118	1650	2377	3169	3862	4363	4643	4757
55	55	106	198	345	589	972	1544	2181	2724	3072	3230	3270
60	13	29	57	119	242	478	895	1377	1771	1982	2055	2063
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	222	424	698	1022	1430	1951	2635	3363	4011	4510	4842	5049

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