

Summary of Monthly Normals
1991-2020

Generated on 05/15/2024

Current Location: Elev: 655 ft. Lat: 34.1867° N Lon: 118.3481° W
Station: BURBANK VALLEY PUMP PLT, CA US USC00041194

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	69.0	42.6	55.8	4.1	1.8	2.5	81.1	52.1	22.1	2.4	0.0	0.0	56.3	89.4	152.3	287.6	0.0	0.1	31.0	0.0	0.4	0.0
02	68.5	44.0	56.2	4.4	2.5	2.8	83.2	56.4	27.3	4.7	0.2	0.1	48.2	77.3	132.3	249.7	0.0	0.4	27.9	0.0	0.0	0.0
03	71.0	46.9	58.9	4.3	2.3	3.1	148.9	106.3	56.7	13.6	1.4	0.4	26.4	45.9	89.3	201.2	0.0	0.9	31.0	0.0	0.0	0.0
04	73.5	50.2	61.9	3.3	2.3	2.6	215.2	164.5	100.8	32.6	6.2	2.5	9.7	19.0	45.3	127.1	0.0	1.8	30.0	0.0	0.0	0.0
05	75.4	54.7	65.0	3.5	2.3	2.7	312.3	252.7	169.4	66.5	16.8	8.5	0.7	3.1	12.9	65.0	0.1	2.4	31.0	0.0	0.0	0.0
06	80.1	58.7	69.4	3.5	1.9	2.5	432.1	372.3	283.0	144.6	48.2	27.9	0.1	0.3	1.1	12.6	0.3	3.8	30.0	0.0	0.0	0.0
07	85.8	62.6	74.2	2.9	1.9	2.2	595.1	533.1	440.2	285.4	138.8	92.3	0.0	0.0	0.0	0.2	0.6	9.8	31.0	0.0	0.0	0.0
08	88.3	62.9	75.6	2.5	1.8	2.0	638.6	576.6	483.6	328.7	178.4	126.4	0.0	0.0	0.0	0.1	1.7	14.6	31.0	0.0	0.0	0.0
09	86.8	60.6	73.7	2.8	1.9	2.1	560.9	500.9	411.2	265.4	136.0	95.3	0.0	0.0	0.2	4.4	2.2	12.3	30.0	0.0	0.0	0.0
10	80.9	54.2	67.5	4.0	2.3	2.7	389.5	328.4	239.8	118.2	42.5	25.1	0.4	1.4	5.8	39.2	0.9	6.9	31.0	0.0	0.0	0.0
11	74.6	46.3	60.4	3.3	2.2	2.5	178.6	132.1	76.1	23.2	4.4	1.6	15.1	28.6	62.6	159.7	0.0	1.9	30.0	0.0	0.1	0.0
12	68.0	41.7	54.8	3.1	1.8	2.0	63.1	37.1	14.0	1.3	0.0	0.0	67.6	103.6	173.6	315.8	0.0	0.0	30.8	0.0	0.8	0.0
Summary	76.8	52.1	64.5	3.5	2.1	2.5	3699	3112	2324	1287	573	380	224	369	675	1463	5.8	54.9	364.7	0.0	1.3	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	3.65	6.3	4.9	2.4	1.3	0.73	1.79	5.19	
02	4.47	6.6	5.1	2.5	1.5	0.85	3.31	6.81	
03	2.79	5.8	3.9	1.9	0.9	0.96	2.21	3.62	
04	0.87	2.7	1.5	0.6	0.3	0.02	0.29	1.46	
05	0.40	1.7	1.0	0.2	0.1	0.00	0.13	0.39	
06	0.10	0.6	0.2	0.1	0.0	0.00	0.00	0.02	
07	0.04	0.3	0.1	0.0	0.0	0.00	0.00	0.00	
08	0.01	0.1	0.1	0.0	0.0	0.00	0.00	0.00	
09	0.13	0.6	0.4	0.1	0.0	0.00	0.00	0.04	
10	0.69	1.9	1.3	0.5	0.1	0.06	0.23	0.86	
11	0.85	2.7	1.8	0.6	0.2	0.08	0.63	1.40	
12	2.50	5.3	3.6	1.7	0.9	0.76	1.56	3.90	
Summary	16.50	34.6	23.9	10.6	5.3	3.46	10.15	23.69	

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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	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
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	0.0	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	489.8	455.0	587.4	655.5	776.6	882.0	1060.2	1103.6	1011.0	854.0	613.5	460.4
45	335.3	315.7	432.7	505.5	621.6	732.0	905.2	948.6	861.0	699.0	463.6	307.1
50	189.7	184.5	281.9	356.4	466.6	582.0	750.2	793.6	711.0	544.0	315.2	164.7
55	81.1	83.2	148.9	215.2	312.3	432.1	595.1	638.6	560.9	389.5	178.6	63.1
60	22.1	27.3	56.7	100.8	169.4	283.0	440.2	483.6	411.2	239.8	76.1	14.0
Growing Degree Units for Corn (Monthly)												
50/86	295.7	261.1	333.0	374.7	460.3	567.2	712.7	732.0	655.3	522.1	373.1	283.1

Growing Degree Units (Accumulated Monthly)												
40	490	945	1532	2188	2964	3846	4906	6010	7021	7875	8489	8949
45	335	651	1084	1589	2211	2943	3848	4797	5658	6357	6820	7127
50	190	374	656	1012	1479	2061	2811	3605	4316	4860	5175	5340
55	81	164	313	528	841	1273	1868	2506	3067	3457	3636	3699
60	22	49	106	207	376	659	1100	1583	1994	2234	2310	2324
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	296	557	890	1264	1725	2292	3005	3737	4392	4914	5287	5570

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