

Summary of Monthly Normals
1991-2020

Generated on 04/27/2024

Current Location: Elev: 61 ft. Lat: 37.7958° N Lon: 121.5831° W

Station: TRACY PUMPING PLT, CA US USC00049001

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	56.3	40.5	48.4	3.1	2.8	2.4	5.1	1.7	0.2	0.0	0.0	0.0	209.7	268.3	359.8	514.6	0.0	0.0	27.5	0.0	4.2	0.0
02	61.9	43.7	52.8	3.0	2.2	2.1	28.7	13.6	2.9	0.1	0.0	0.0	90.3	131.2	204.5	341.7	0.0	0.0	27.9	0.0	0.7	0.0
03	67.4	47.0	57.2	3.8	2.2	2.8	105.7	69.1	30.2	3.6	0.1	0.0	37.5	63.0	117.1	245.4	0.0	0.0	31.0	0.0	0.0	0.0
04	73.2	50.2	61.7	3.5	1.7	2.5	210.4	161.5	99.9	35.7	9.1	4.5	9.4	20.4	48.9	134.7	0.0	1.1	30.0	0.0	0.0	0.0
05	80.2	55.2	67.7	4.7	2.4	3.4	394.5	334.2	247.7	129.1	55.8	37.6	0.8	2.5	9.0	45.4	0.5	6.0	31.0	0.0	0.0	0.0
06	88.1	59.4	73.7	3.3	1.8	2.4	562.5	502.5	412.9	268.5	146.7	109.2	0.0	0.1	0.5	6.0	3.8	13.8	30.0	0.0	0.0	0.0
07	93.3	61.9	77.6	2.7	1.6	2.0	700.6	638.6	545.6	390.8	240.0	184.5	0.0	0.0	0.0	0.2	6.2	22.2	31.0	0.0	0.0	0.0
08	92.5	61.9	77.2	2.2	1.7	1.7	688.2	626.2	533.2	378.2	225.8	168.7	0.0	0.0	0.0	0.0	4.7	20.9	31.0	0.0	0.0	0.0
09	88.8	60.2	74.5	2.1	2.0	1.8	585.0	525.0	435.0	287.0	151.2	105.8	0.0	0.0	0.0	2.1	1.5	14.9	30.0	0.0	0.0	0.0
10	79.1	54.5	66.8	3.1	1.7	2.2	366.6	305.9	219.3	101.0	33.0	19.1	0.9	2.1	8.5	45.3	0.1	3.2	31.0	0.0	0.0	0.0
11	65.6	46.1	55.9	3.1	2.3	2.4	83.8	53.8	23.0	3.7	0.2	0.0	58.2	88.3	147.5	278.1	0.0	0.0	29.8	0.0	0.4	0.0
12	56.6	40.3	48.5	2.4	3.2	2.2	7.0	2.6	0.4	0.0	0.0	0.0	209.9	267.5	358.4	513.0	0.0	0.0	28.6	0.0	4.2	0.0
Summary	75.2	51.7	63.5	3.1	2.1	2.3	3738	3235	2550	1598	862	629	617	843	1254	2126	16.8	82.1	358.8	0.0	9.5	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	2.51	12.9	6.0	1.5	0.3	1.03	2.01	4.42	
02	2.32	9.6	6.1	1.3	0.1	0.80	2.38	3.12	
03	1.60	8.4	4.6	0.7	0.0	0.80	1.50	2.15	
04	0.84	4.8	2.5	0.4	0.0	0.42	0.75	1.13	
05	0.52	2.7	1.4	0.3	0.0	0.04	0.35	0.67	
06	0.13	0.9	0.3	0.1	0.0	0.00	0.02	0.09	
07	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00	
08	0.01	0.3	0.0	0.0	0.0	0.00	0.00	0.00	
09	0.08	0.5	0.2	0.0	0.0	0.00	0.00	0.12	
10	0.67	2.5	1.4	0.4	0.2	0.08	0.25	0.86	
11	1.32	6.7	3.1	0.8	0.2	0.64	1.09	1.92	
12	2.37	11.8	5.8	1.5	0.3	1.41	1.97	3.58	
Summary	12.37	61.1	31.4	7.0	1.1	5.22	10.32	18.06	

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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	262.9	358.4	533.2	651.0	858.7	1012.5	1165.6	1153.2	1035.0	830.8	475.5	265.3
45	126.6	220.7	378.4	501.0	703.7	862.5	1010.6	998.2	885.0	675.8	326.8	129.4
50	38.3	102.4	229.2	351.6	548.7	712.5	855.6	843.2	735.0	520.8	188.8	40.1
55	5.1	28.7	105.7	210.4	394.5	562.5	700.6	688.2	585.0	366.6	83.8	7.0
60	0.2	2.9	30.2	99.9	247.7	412.9	545.6	533.2	435.0	219.3	23.0	0.4
Growing Degree Units for Corn (Monthly)												
50/86	107.1	171.2	283.1	375.0	527.5	640.3	732.9	734.1	667.0	515.6	247.9	111.0

Growing Degree Units (Accumulated Monthly)												
40	263	621	1154	1806	2664	3677	4842	5995	7030	7861	8337	8602
45	127	347	726	1227	1930	2793	3803	4802	5687	6362	6689	6819
50	38	141	370	722	1270	1983	2838	3682	4416	4937	5126	5166
55	5	34	140	350	744	1307	2008	2696	3281	3647	3731	3738
60	0	3	33	133	381	794	1339	1873	2308	2527	2550	2550
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	107	278	561	936	1464	2104	2837	3571	4238	4754	5002	5113

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