

Summary of Monthly Normals
1991-2020

Generated on 04/27/2024

Current Location: Elev: 747 ft. Lat: 46.3236° N Lon: 120.0103° W

Station: **SUNNYSIDE, WA US USC00458207**

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	37.6	23.0	30.3	4.3	4.0	3.9	0.0	0.0	0.0	0.0	0.0	0.0	765.6	827.6	920.6	1075.6	0.0	0.0	5.9	6.3	26.0	0.2
02	45.4	24.3	34.9	5.3	4.1	4.4	0.0	0.0	0.0	0.0	0.0	0.0	564.1	620.1	704.1	844.1	0.0	0.0	14.8	1.2	21.8	0.2
03	55.4	29.7	42.5	3.7	3.0	3.2	1.6	0.6	0.1	0.0	0.0	0.0	387.6	448.6	541.1	696.0	0.0	0.0	27.0	0.1	14.7	0.0
04	63.3	35.6	49.4	2.5	2.5	2.3	24.6	14.8	6.6	1.3	0.2	0.0	191.0	241.2	323.0	467.7	0.0	0.0	29.8	0.0	6.3	0.0
05	72.8	43.7	58.2	3.4	2.5	2.8	149.5	112.8	69.7	25.3	6.6	3.3	48.8	74.2	124.1	234.7	0.0	2.5	31.0	0.0	0.9	0.0
06	79.2	49.1	64.2	3.0	1.9	2.3	279.6	226.1	155.3	69.0	24.0	14.5	5.1	11.6	30.7	94.4	0.6	5.0	30.0	0.0	0.0	0.0
07	88.2	54.4	71.3	3.4	2.2	2.6	505.2	443.5	352.0	211.1	99.8	66.6	0.1	0.4	1.9	16.0	3.7	17.8	31.0	0.0	0.0	0.0
08	86.5	52.2	69.4	1.6	2.0	1.5	445.1	383.8	294.4	160.6	65.6	41.0	0.3	1.1	4.6	25.8	2.5	15.1	31.0	0.0	0.0	0.0
09	77.7	44.5	61.1	2.5	2.1	1.9	199.8	153.3	95.0	31.8	5.8	2.4	16.9	30.4	62.1	148.9	0.0	4.6	30.0	0.0	0.1	0.0
10	63.6	35.2	49.4	2.4	3.1	2.4	22.6	12.9	4.7	0.3	0.0	0.0	196.3	248.6	333.3	483.9	0.0	0.0	29.6	0.0	7.2	0.0
11	48.3	27.4	37.8	3.0	3.0	2.6	0.9	0.6	0.3	0.0	0.0	0.0	515.4	575.0	664.7	814.5	0.0	0.0	17.6	1.4	20.1	0.0
12	37.1	22.4	29.7	3.7	3.7	3.4	0.0	0.0	0.0	0.0	0.0	0.0	782.5	844.5	937.5	1092.6	0.0	0.0	5.4	7.3	26.4	0.3
Summary	62.9	36.8	49.9	3.2	2.8	2.8	1629	1348	978	499	202	128	3474	3923	4648	5994	6.8	45.0	283.1	16.3	123.5	0.7

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	0.98	8.6	3.0	0.2	0.0	0.57	0.91	1.19
02	0.65	6.2	2.0	0.0	0.0	0.25	0.54	1.01
03	0.54	5.6	2.2	0.0	0.0	0.38	0.46	0.72
04	0.61	5.9	1.9	0.2	0.0	0.27	0.47	0.88
05	0.75	6.1	2.2	0.2	0.1	0.50	0.62	1.02
06	0.59	4.3	2.0	0.3	0.0	0.18	0.38	0.76
07	0.14	2.0	0.6	0.0	0.0	0.00	0.06	0.17
08	0.26	2.3	0.6	0.1	0.0	0.02	0.08	0.29
09	0.36	2.8	0.9	0.1	0.0	0.06	0.17	0.45
10	0.74	5.8	2.3	0.0	0.0	0.42	0.66	1.00
11	0.85	7.8	2.9	0.3	0.0	0.43	0.82	1.18
12	1.18	8.6	3.4	0.2	0.0	0.50	0.88	1.77
Summary	7.65	66.0	24.0	1.6	0.1	3.58	6.05	10.44

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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	9.0	17.9	124.0	287.5	565.7	724.6	970.1	909.8	633.0	299.9	58.8	10.2
45	1.7	3.6	45.4	159.6	411.9	574.5	815.2	754.8	483.2	166.7	18.7	2.0
50	0.1	0.4	11.2	70.1	267.9	424.7	660.2	599.8	335.5	73.5	4.5	0.2
55	0.0	0.0	1.6	24.6	149.5	279.6	505.2	445.1	199.8	22.6	0.9	0.0
60	0.0	0.0	0.1	6.6	69.7	155.3	352.0	294.4	95.0	4.7	0.3	0.0
Growing Degree Units for Corn (Monthly)												
50/86	6.3	18.0	101.9	201.2	359.0	454.3	603.8	571.8	416.8	216.7	43.9	7.1

Growing Degree Units (Accumulated Monthly)												
40	9	27	151	438	1004	1729	2699	3609	4242	4542	4600	4610
45	2	5	51	210	622	1197	2012	2767	3250	3417	3435	3437
50	0	0	12	82	350	774	1435	2034	2370	2443	2448	2448
55	0	0	2	26	176	455	960	1406	1605	1628	1629	1629
60	0	0	0	7	76	232	584	878	973	978	978	978
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	6	24	126	327	686	1141	1744	2316	2733	2950	2994	3001

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