

Summary of Monthly Normals
1981-2010

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	41.0	26.3	33.6	4.5	4.0	4.0	-7777	0	0	0	0	0	662	724	817	972	0.0	0.0	6.2	5.5	24.5	0.3
02	48.9	28.3	38.6	4.3	3.6	3.7	-7777	-7777	-7777	0	0	0	459	515	599	739	0.0	0.0	14.3	1.3	19.5	0.1
03	59.2	34.0	46.6	3.3	2.3	2.6	7	3	1	-7777	0	0	268	326	416	571	0.0	0.0	27.7	0.1	12.0	0.0
04	67.0	39.0	53.0	2.7	2.4	2.4	52	34	16	4	-7777	-7777	112	154	225	364	0.0	-7777	29.8	0.0	4.2	0.0
05	75.6	46.6	61.1	2.9	2.1	2.3	211	165	109	47	16	9	22	38	75	168	0.1	2.5	31.0	0.0	0.3	0.0
06	82.6	52.7	67.6	3.1	2.1	2.4	380	322	239	125	52	34	1	3	9	46	0.5	5.7	30.0	0.0	0.0	0.0
07	90.7	57.1	73.9	3.7	2.3	2.8	586	524	431	281	152	110	-7777	-7777	-7777	6	3.4	16.9	31.0	0.0	0.0	0.0
08	89.7	55.3	72.5	2.0	1.8	1.7	542	481	388	240	117	80	-7777	-7777	1	7	2.0	15.0	31.0	0.0	0.0	0.0
09	80.9	47.3	64.1	3.6	2.2	2.6	281	228	156	67	18	9	8	15	33	95	-7777	4.1	30.0	0.0	0.2	0.0
10	67.5	37.7	52.6	2.8	2.2	2.3	51	32	15	2	-7777	0	125	169	244	387	0.0	0.0	30.3	0.0	5.9	0.0
11	51.3	30.7	41.0	4.3	3.7	3.6	3	2	1	-7777	0	0	423	482	571	720	0.0	0.0	17.7	1.0	17.2	0.1
12	38.6	24.5	31.5	4.6	4.2	4.1	-7777	-7777	0	0	0	0	727	789	882	1037	0.0	0.0	4.5	7.2	26.6	0.4
Summary	66.1	40.0	53.0	3.5	2.7	2.9	2113	1791	1356	766	355	242	2807	3215	3872	5112	6.0	44.2	283.5	15.1	110.4	0.9

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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	0.90	7.6	2.9	0.2	0.0	0.37	0.82	1.21	
02	0.63	6.3	2.4	0.0	0.0	0.29	0.55	0.92	
03	0.60	5.5	2.1	0.1	0.0	0.24	0.53	0.90	
04	0.59	4.8	1.8	0.3	-7777	0.18	0.47	0.87	
05	0.61	5.2	2.1	0.1	0.0	0.34	0.56	0.72	
06	0.54	3.7	1.4	0.2	0.1	0.23	0.45	0.68	
07	0.14	1.6	0.5	0.0	0.0	0.00	0.06	0.15	
08	0.24	2.2	0.8	0.1	0.0	0.02	0.11	0.29	
09	0.44	2.9	1.2	0.2	-7777	0.06	0.23	0.67	
10	0.63	4.8	1.9	0.1	-7777	0.37	0.59	0.92	
11	0.91	7.6	3.1	0.2	0.0	0.54	0.84	1.10	
12	1.27	8.0	3.6	0.2	0.0	0.49	0.90	1.84	
Summary	7.50	60.2	23.8	1.7	0.1	3.13	6.11	10.27	

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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	1.6	1.9	1.0	0.2	0.1	0.0					0.0	1.0	3.0
02	0.7	0.8	0.3	0.1	-7777	0.0					0.0	0.0	0.2
03	-7777	0.1	0.1	0.0	0.0	0.0					0.0	0.0	0.0
04	0.0	0.0	0.0	0.0	0.0	0.0					0.0	0.0	0.0
05	0.0	0.0	0.0	0.0	0.0	0.0					0.0	0.0	0.0
06	0.0	0.0	0.0	0.0	0.0	0.0					0.0	0.0	0.0
07	0.0	0.0	0.0	0.0	0.0	0.0					0.0	0.0	0.0
08	0.0	0.0	0.0	0.0	0.0	0.0					0.0	0.0	0.0
09	0.0	0.0	0.0	0.0	0.0	0.0					0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0					0.0	0.0	0.0
11	0.8	0.8	0.5	0.1	0.0	0.0					0.0	0.0	0.8
12	5.7	3.1	1.8	0.3	0.1	0.0					1.3	5.0	9.0
Summary	8.8	6.7	3.7	0.7	0.2	0.0	0.0	0.0	0.0	0.0	1.3	6.0	13.0

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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	23	56	219	390	654	830	1051	1007	723	393	106	16
45	5	15	101	247	499	680	896	852	573	248	41	4
50	1	3	32	128	347	530	741	697	424	126	12	1
55	-7777	-7777	7	52	211	380	586	542	281	51	3	-7777
60	0	-7777	1	16	109	239	431	388	156	15	1	0
Growing Degree Units for Corn (Monthly)												
50/86	15	42	151	257	408	520	650	625	463	273	70	10

Growing Degree Units (Accumulated Monthly)												
40	23	79	298	688	1342	2172	3223	4230	4953	5346	5452	5468
45	5	20	121	368	867	1547	2443	3295	3868	4116	4157	4161
50	1	4	36	164	511	1041	1782	2479	2903	3029	3041	3042
55	0	0	7	59	270	650	1236	1778	2059	2110	2113	2113
60	0	0	1	17	126	365	796	1184	1340	1355	1356	1356
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	15	57	208	465	873	1393	2043	2668	3131	3404	3474	3484

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