

Summary of Monthly Normals
1991-2020

Generated on 06/04/2024

Current Location: Elev: 1936 ft. Lat: 47.7850° N Lon: 120.6456° W

Station: PLAIN, WA US USC00456534

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	33.7	21.3	27.5	3.3	4.4	3.7	0.0	0.0	0.0	0.0	0.0	0.0	852.5	914.5	1007.5	1162.5	0.0	0.0	0.4	11.8	30.4	1.5
02	40.2	22.7	31.4	3.9	3.9	3.5	0.0	0.0	0.0	0.0	0.0	0.0	659.4	715.4	799.4	939.4	0.0	0.0	2.1	3.6	26.9	0.6
03	48.0	26.9	37.4	3.7	2.1	2.7	0.0	0.0	0.0	0.0	0.0	0.0	544.1	606.1	699.1	854.1	0.0	0.0	12.5	0.6	26.2	0.0
04	57.3	31.7	44.5	3.3	2.1	2.3	4.6	2.1	0.4	0.0	0.0	0.0	319.6	377.1	465.3	615.0	0.0	0.0	24.9	0.0	16.8	0.0
05	66.8	39.1	52.9	3.6	2.6	2.9	57.5	37.4	17.8	2.8	0.1	0.0	121.1	163.0	236.4	376.4	0.0	0.2	30.5	0.0	5.0	0.0
06	72.9	45.0	59.0	3.8	2.4	2.9	147.3	108.3	64.4	22.4	5.4	2.5	28.8	49.8	95.8	203.9	0.1	1.3	30.0	0.0	0.4	0.0
07	81.9	50.2	66.1	3.3	2.6	2.7	344.7	286.0	204.1	94.5	29.2	15.1	2.3	5.5	16.7	62.0	0.1	6.7	31.0	0.0	0.0	0.0
08	81.9	49.3	65.6	2.8	2.3	2.4	331.3	273.4	192.4	84.0	22.9	11.3	2.7	6.9	18.9	65.4	0.0	6.3	31.0	0.0	0.0	0.0
09	74.0	41.6	57.8	3.2	2.3	2.1	131.1	95.5	53.7	15.3	2.4	0.7	47.2	71.6	119.8	231.3	0.0	1.1	29.9	0.0	2.8	0.0
10	58.0	33.4	45.7	2.8	2.5	2.2	10.2	5.3	1.5	0.1	0.0	0.0	298.5	355.6	444.8	598.3	0.0	0.0	25.7	0.1	14.0	0.0
11	41.7	27.2	34.5	3.0	2.9	2.6	0.0	0.0	0.0	0.0	0.0	0.0	616.5	676.5	766.5	916.5	0.0	0.0	5.0	2.8	24.0	0.1
12	32.4	21.4	26.9	3.2	3.8	3.2	0.0	0.0	0.0	0.0	0.0	0.0	870.9	932.9	1025.9	1181.0	0.0	0.0	0.2	14.3	30.7	0.5
Summary	57.4	34.1	45.8	3.3	2.8	2.8	1027	808	534	219	60	30	4364	4875	5696	7206	0.2	15.6	223.2	33.2	177.2	2.7

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	4.57	16.0	10.8	2.8	0.5	3.42	4.21	5.66	
02	2.95	12.4	7.4	1.5	0.5	1.81	2.65	3.57	
03	2.43	12.8	7.4	1.2	0.1	1.45	2.06	3.02	
04	1.25	8.8	3.7	0.5	0.0	0.73	1.25	1.57	
05	1.31	7.7	3.8	0.4	0.0	0.72	1.25	1.70	
06	0.88	5.7	2.5	0.3	0.1	0.45	0.67	1.15	
07	0.48	2.9	1.4	0.2	0.1	0.08	0.34	0.56	
08	0.42	2.8	1.2	0.2	0.0	0.02	0.11	0.61	
09	0.79	5.3	2.4	0.1	0.0	0.23	0.39	0.96	
10	2.61	10.9	6.5	1.4	0.4	1.44	2.23	3.89	
11	4.58	16.0	10.6	2.5	0.7	2.70	3.85	5.63	
12	4.97	16.7	11.1	3.2	0.8	3.62	4.76	5.71	
Summary	27.24	118.0	68.8	14.3	3.2	16.67	23.77	34.03	

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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	31.50	11.1	8.9	4.5	2.2	0.5	29.8	29.7	29.6	27.2	19.50	29.50	41.50
02	17.40	7.0	5.3	2.1	1.1	0.1	26.7	26.1	24.7	19.6	5.50	11.50	24.40
03	9.50	5.1	4.0	1.4	0.6	0.1	18.8	17.4	16.4	12.7	3.90	5.70	11.00
04	1.10	0.7	0.3	0.1	0.0	0.0	1.3	1.1	0.8	0.6	0.00	0.40	1.00
05	0.10	0.1	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	1.00	0.6	0.4	0.2	0.0	0.0	0.5	0.3	0.1	0.0	0.00	0.00	1.20
11	14.60	5.3	4.4	1.8	0.7	0.1	6.7	4.6	2.7	1.1	3.00	11.00	19.60
12	42.10	13.0	10.4	4.9	2.7	0.5	25.7	23.4	19.7	11.8	27.50	43.00	50.00
Summary	117.3	42.9	33.7	15.0	7.3	1.3	109.5	102.6	94.0	73.0	59.4	101.1	148.7

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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	0.6	2.7	32.9	150.8	401.8	568.6	807.4	793.5	534.1	200.6	19.8	0.5
45	0.0	0.3	5.8	61.1	256.2	418.8	652.5	638.6	385.4	94.7	3.7	0.0
50	0.0	0.0	0.6	19.2	135.7	273.2	497.7	483.6	245.3	35.9	0.3	0.0
55	0.0	0.0	0.0	4.6	57.5	147.3	344.7	331.3	131.1	10.2	0.0	0.0
60	0.0	0.0	0.0	0.4	17.8	64.4	204.1	192.4	53.7	1.5	0.0	0.0
Growing Degree Units for Corn (Monthly)												
50/86	0.5	3.3	34.4	119.1	261.2	350.9	506.7	503.5	361.8	141.7	8.2	0.3

Growing Degree Units (Accumulated Monthly)												
40	1	3	36	187	589	1157	1965	2758	3292	3493	3513	3513
45	0	0	6	67	323	742	1395	2033	2419	2513	2517	2517
50	0	0	1	20	156	429	926	1410	1655	1691	1692	1692
55	0	0	0	5	62	209	554	885	1017	1027	1027	1027
60	0	0	0	0	18	83	287	479	533	534	534	534
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	0	4	38	157	418	769	1276	1780	2141	2283	2291	2292

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