

Summary of Monthly Normals 1991-2020

Generated on 05/20/2026

Current Location: Elev: 800 ft. Lat: 41.5114° N Lon: 87.0378° W
 Station: **VALPARAISO WTR WKS, IN US USC00128999**

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	32.1	17.6	24.8	5.1	5.3	5.1	0.2	0.0	0.0	0.0	0.0	0.0	934.5	996.4	1089.3	1244.4	0.0	0.0	2.1	17.6	28.1	3.1
02	36.4	21.4	28.9	5.7	5.4	5.5	0.5	0.3	0.1	0.0	0.0	0.0	731.2	787.0	870.8	1010.7	0.0	0.0	3.7	9.3	23.0	1.2
03	47.6	29.1	38.3	5.2	4.7	4.8	10.1	6.4	2.8	0.3	0.0	0.0	526.2	584.5	673.9	826.4	0.0	0.0	11.6	3.4	20.9	0.1
04	60.7	39.1	49.9	3.8	2.6	3.1	56.5	40.9	24.6	8.6	1.8	0.9	209.6	254.0	327.7	461.7	0.0	0.0	24.9	0.1	7.2	0.0
05	71.2	49.3	60.3	3.2	3.1	3.1	205.9	164.3	111.4	49.6	15.9	9.0	43.2	63.5	103.7	196.9	0.0	0.2	30.5	0.0	0.4	0.0
06	79.7	58.5	69.1	2.0	2.6	2.1	424.9	366.7	283.0	162.5	71.7	46.1	2.1	3.9	10.3	39.7	0.0	2.2	30.0	0.0	0.0	0.0
07	82.9	63.1	73.0	3.1	2.8	2.8	557.9	495.9	402.9	251.8	121.8	82.9	0.0	0.0	0.1	4.0	0.0	3.7	31.0	0.0	0.0	0.0
08	81.0	61.7	71.3	2.5	2.8	2.5	506.7	444.8	352.6	206.8	92.5	60.4	0.0	0.0	0.9	10.1	0.0	1.7	31.0	0.0	0.0	0.0
09	75.2	54.3	64.8	3.1	2.1	2.5	301.6	249.7	179.1	86.8	27.8	15.3	9.3	17.3	36.8	94.4	0.0	0.9	30.0	0.0	0.1	0.0
10	63.6	44.0	53.8	3.2	2.2	2.4	94.3	69.3	38.9	11.1	2.3	0.8	131.7	168.6	231.2	358.3	0.0	0.0	28.5	0.0	3.8	0.0
11	49.1	33.5	41.3	5.3	3.7	4.4	12.9	7.6	2.9	0.3	0.0	0.0	423.8	478.5	563.8	711.2	0.0	0.0	13.3	1.7	14.9	0.0
12	36.6	23.7	30.1	4.8	5.3	5.0	0.8	0.2	0.0	0.0	0.0	0.0	770.9	832.4	925.1	1080.2	0.0	0.0	3.4	10.7	26.0	1.2
Summary	59.7	41.3	50.5	3.9	3.6	3.6	2172	1846	1398	778	334	215	3782	4186	4834	6038	0.0	8.7	240.0	42.8	124.4	5.6

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	2.38	12.6	6.1	1.4	0.6	1.16	2.28	3.47	
02	2.24	8.4	4.4	1.1	0.3	1.32	1.80	2.33	
03	2.63	10.2	5.8	1.5	0.3	1.65	2.37	3.24	
04	3.74	11.2	7.4	2.4	0.9	2.37	3.81	4.76	
05	4.59	13.4	8.2	2.3	1.1	3.32	4.30	6.45	
06	4.33	10.9	7.2	3.4	1.6	2.24	3.19	5.78	
07	4.10	9.5	6.4	3.0	1.2	2.94	3.62	5.53	
08	3.57	9.6	6.6	2.1	0.9	2.35	3.02	4.44	
09	2.92	9.1	5.7	1.9	0.7	1.52	2.62	3.65	
10	3.93	10.0	5.8	2.3	0.8	2.26	3.46	4.97	
11	3.26	10.9	7.4	2.1	0.9	2.50	3.19	3.95	
12	2.58	11.0	5.4	1.5	0.4	1.93	2.57	3.13	
Summary	40.27	126.8	76.4	25.0	9.7	25.56	36.23	51.70	

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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	14.60	8.1	6.0	1.5	0.7	0.0					11.60	13.40	18.10
02	5.50	3.1	2.1	0.9	0.1	0.0					1.30	4.30	10.00
03	6.70	2.8	2.3	0.7	0.3	0.0					0.20	4.50	10.50
04	1.20	0.4	0.4	0.1	0.1	0.0					0.00	0.00	2.00
05	0.00	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					0.00	0.00	0.00
07	0.00	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					0.00	0.00	0.00
09	0.00	0.0	0.0	0.0	0.0	0.0					0.00	0.00	0.00
10	0.30	0.1	0.1	0.1	0.0	0.0					0.00	0.00	0.00
11	2.30	1.1	0.9	0.4	0.1	0.0					0.00	1.00	4.10
12	9.40	4.6	3.3	1.3	0.7	0.0					5.50	8.20	11.30
Summary	40.0	20.2	15.1	5.0	2.0	0.0	0.0	0.0	0.0	0.0	18.6	31.4	56.0

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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	9.1	18.1	103.2	318.4	627.8	872.7	1022.7	971.6	742.3	433.7	144.6	22.4
45	2.2	6.9	54.7	203.2	474.5	722.7	867.7	816.6	592.7	295.2	75.8	8.6
50	0.7	2.3	25.1	114.9	329.5	572.8	712.8	661.7	444.4	182.4	34.4	3.0
55	0.2	0.5	10.1	56.5	205.9	424.9	557.9	506.7	301.6	94.3	12.9	0.8
60	0.0	0.1	2.8	24.6	111.4	283.0	402.9	352.6	179.1	38.9	2.9	0.0
Growing Degree Units for Corn (Monthly)												
50/86	4.1	9.0	63.8	188.8	375.8	571.4	697.6	652.8	461.9	239.2	68.3	8.5

Growing Degree Units (Accumulated Monthly)												
40	9	27	130	449	1077	1949	2972	3944	4686	5120	5264	5287
45	2	9	64	267	742	1464	2332	3148	3741	4036	4112	4121
50	1	3	28	143	472	1045	1758	2420	2864	3047	3081	3084
55	0	1	11	67	273	698	1256	1763	2064	2159	2172	2172
60	0	0	3	28	139	422	825	1177	1356	1395	1398	1398
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	4	13	77	266	642	1213	1910	2563	3025	3264	3333	3341

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

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