

Summary of Monthly Normals
1991-2020

Generated on 04/28/2024

Current Location: Elev: 1005 ft. Lat: 39.8544° N Lon: 84.8778° W

Station: RICHMOND WTR WKS, IN US USC00127370

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	36.2	19.6	27.9	4.6	5.4	4.9	0.4	0.0	0.0	0.0	0.0	0.0	840.3	902.0	994.9	1149.9	0.0	0.0	4.6	12.4	26.1	2.9
02	40.3	22.2	31.2	5.8	5.7	5.7	2.1	1.1	0.3	0.0	0.0	0.0	667.1	722.0	805.2	944.9	0.0	0.0	6.7	7.8	23.3	1.5
03	50.8	30.8	40.8	4.8	4.1	4.3	19.0	12.8	6.4	1.4	0.1	0.0	459.2	515.0	601.5	751.6	0.0	0.0	15.4	2.2	18.1	0.1
04	63.8	40.7	52.2	2.9	2.6	2.6	78.9	56.6	32.2	9.6	1.7	0.6	161.4	199.1	264.7	392.1	0.0	0.0	26.3	0.0	5.7	0.0
05	73.7	51.5	62.6	3.8	3.6	3.6	262.4	215.0	153.3	75.5	25.2	13.7	26.9	41.5	72.7	150.0	0.0	0.4	30.9	0.0	0.4	0.0
06	82.0	60.2	71.1	2.2	2.1	1.9	483.5	424.4	337.5	202.3	92.9	60.2	0.6	1.5	4.7	19.5	0.0	3.7	30.0	0.0	0.0	0.0
07	84.8	63.5	74.2	3.0	2.5	2.6	593.6	531.6	438.6	285.9	147.8	103.1	0.0	0.0	0.0	2.4	0.1	5.7	31.0	0.0	0.0	0.0
08	83.6	61.8	72.7	2.7	3.1	2.7	548.6	486.6	394.2	244.1	116.8	78.2	0.0	0.0	0.6	5.5	0.1	4.2	31.0	0.0	0.0	0.0
09	77.6	54.2	65.9	3.5	3.5	3.0	335.6	281.6	207.9	107.0	40.8	24.3	8.7	14.7	31.1	80.1	0.0	2.0	30.0	0.0	0.1	0.0
10	65.5	42.9	54.2	2.3	2.7	2.2	99.5	74.3	44.6	14.7	3.7	1.9	124.3	161.1	224.4	349.5	0.0	0.1	28.9	0.0	3.9	0.0
11	51.7	32.7	42.2	5.0	3.3	3.9	13.2	7.8	3.1	0.3	0.0	0.0	397.1	451.8	537.0	684.2	0.0	0.0	16.3	1.3	15.7	0.0
12	40.4	24.7	32.6	5.1	5.5	5.2	2.3	1.3	0.5	0.1	0.0	0.0	698.2	759.2	851.3	1005.9	0.0	0.0	6.8	7.7	23.7	0.8
Summary	62.5	42.1	52.3	3.8	3.7	3.6	2439	2093	1619	941	429	282	3384	3768	4388	5536	0.2	16.1	257.9	31.4	117.0	5.3

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	3.20	13.0	6.7	1.9	0.8	2.03	2.82	4.07	
02	2.25	10.5	5.8	1.3	0.4	1.47	1.95	2.85	
03	3.42	11.5	6.7	2.5	0.7	2.10	3.36	4.45	
04	4.27	11.9	7.9	2.9	1.1	3.44	4.14	5.24	
05	4.63	13.5	9.5	3.0	0.9	2.92	4.39	6.08	
06	4.80	11.4	8.3	3.1	1.2	3.06	4.55	6.35	
07	4.32	10.6	7.3	2.8	1.1	2.41	3.31	4.71	
08	3.27	8.4	5.7	2.0	0.9	2.12	3.33	3.97	
09	3.12	8.7	5.0	2.0	0.9	1.00	2.77	4.84	
10	3.16	9.8	6.2	2.1	0.7	2.20	3.03	3.95	
11	3.32	9.5	5.9	2.3	0.7	1.93	2.95	4.70	
12	3.10	12.4	6.4	1.9	0.7	1.80	2.85	4.11	
Summary	42.86	131.2	81.4	27.8	10.1	26.48	39.45	55.32	

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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	27.1	39.2	147.6	381.5	700.8	932.8	1058.5	1013.5	776.9	445.0	156.2	47.0
45	10.9	17.0	82.9	256.1	546.6	782.9	903.6	858.6	627.1	304.5	84.2	20.0
50	3.1	6.6	43.2	153.0	397.4	632.9	748.6	703.6	478.7	186.0	38.4	7.3
55	0.4	2.1	19.0	78.9	262.4	483.5	593.6	548.6	335.6	99.5	13.2	2.3
60	0.0	0.3	6.4	32.2	153.3	337.5	438.6	394.2	207.9	44.6	3.1	0.5
Growing Degree Units for Corn (Monthly)												
50/86	13.0	24.2	91.9	230.4	431.6	620.3	723.3	684.5	494.8	263.3	88.4	22.2

Growing Degree Units (Accumulated Monthly)												
40	27	66	214	595	1296	2229	3288	4301	5078	5523	5679	5726
45	11	28	111	367	914	1696	2600	3459	4086	4390	4474	4494
50	3	10	53	206	603	1236	1985	2688	3167	3353	3391	3399
55	0	2	22	100	363	846	1440	1988	2324	2424	2437	2439
60	0	0	7	39	192	530	968	1362	1570	1615	1618	1619
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	13	37	129	360	791	1411	2135	2819	3314	3577	3666	3688

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