

Summary of Monthly Normals
1991-2020

Generated on 06/03/2024

Current Location: Elev: 924 ft. Lat: 40.4356° N Lon: 85.2892° W
Station: **HARTFORD CITY 4 ESE, IN US USC00123777**

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	33.1	18.9	26.0	4.8	5.9	5.3	0.7	0.3	0.1	0.0	0.0	0.0	899.4	961.0	1053.8	1208.7	0.0	0.0	3.9	14.7	26.3	3.5
02	37.1	21.3	29.2	5.9	6.1	6.0	1.0	0.6	0.1	0.0	0.0	0.0	723.3	778.8	862.3	1002.3	0.0	0.0	5.0	9.9	23.5	1.6
03	47.9	30.2	39.0	5.1	4.4	4.7	15.4	10.6	5.8	1.9	0.4	0.1	509.8	567.0	655.2	806.3	0.0	0.0	13.6	3.0	18.7	0.1
04	61.4	40.7	51.0	3.4	3.1	3.1	70.4	51.6	30.1	10.3	2.3	0.9	188.9	230.2	298.7	428.9	0.0	0.0	25.6	0.0	5.9	0.0
05	71.9	51.9	61.9	4.0	3.4	3.6	247.0	202.4	143.5	70.2	25.0	14.8	33.1	50.5	84.6	166.4	0.0	0.6	30.6	0.0	0.3	0.0
06	80.4	61.4	70.9	2.5	1.9	2.0	477.6	418.7	332.2	198.1	91.4	60.5	0.7	1.9	5.4	21.3	0.0	3.0	30.0	0.0	0.0	0.0
07	83.2	64.0	73.6	3.1	2.5	2.7	576.5	514.5	421.7	270.2	138.1	96.1	0.0	0.0	0.1	3.7	0.1	4.9	31.0	0.0	0.0	0.0
08	81.5	61.9	71.7	2.3	2.5	2.3	517.6	455.7	363.4	216.8	98.9	64.1	0.0	0.1	0.8	9.2	0.0	2.6	31.0	0.0	0.0	0.0
09	76.3	54.7	65.5	3.1	2.4	2.5	324.4	270.9	198.1	100.8	38.4	22.9	9.5	16.0	33.3	85.9	0.0	1.5	30.0	0.0	0.1	0.0
10	64.4	43.9	54.2	2.6	2.4	2.3	105.1	79.0	48.4	17.5	4.5	2.2	131.5	167.4	229.8	353.9	0.0	0.1	28.1	0.0	3.3	0.0
11	50.0	33.6	41.8	5.2	3.6	4.2	14.2	8.6	3.4	0.6	0.0	0.0	410.2	464.6	549.3	696.5	0.0	0.0	15.8	1.4	14.5	0.0
12	38.1	24.5	31.3	4.7	5.1	4.8	1.5	0.9	0.4	0.1	0.0	0.0	736.1	797.5	889.9	1044.7	0.0	0.0	5.1	10.2	24.0	0.9
Summary	60.4	42.2	51.3	3.9	3.6	3.6	2351	2014	1547	886	399	262	3642	4035	4663	5828	0.1	12.7	249.7	39.2	116.6	6.1

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	2.67	12.6	6.0	1.8	0.6	1.55	2.18	3.48	
02	2.35	10.5	5.3	1.5	0.4	1.47	2.18	3.01	
03	3.31	11.5	7.1	2.5	0.7	2.37	3.15	4.29	
04	3.89	11.7	7.6	2.7	0.8	2.85	4.23	4.79	
05	4.24	12.8	9.1	3.0	0.8	3.05	4.55	5.42	
06	4.43	11.8	8.4	3.2	1.0	2.64	4.53	5.72	
07	4.20	9.6	6.3	2.9	1.1	2.60	3.87	4.73	
08	4.33	9.2	6.1	2.8	1.4	2.77	3.95	5.75	
09	3.48	7.9	5.2	2.3	0.9	2.08	3.08	4.41	
10	2.89	9.1	5.8	1.8	0.8	1.77	2.40	3.47	
11	3.28	10.5	6.2	2.2	0.6	2.20	3.00	4.04	
12	2.67	12.3	6.5	1.5	0.3	1.58	2.84	3.26	
Summary	41.74	129.5	79.6	28.2	9.4	26.93	39.96	52.37	

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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	9.00	9.3	3.0	0.7	0.2	0.0	14.2	8.3	3.3	1.2	4.20	8.00	11.40
02	8.20	7.9	2.4	0.6	0.1	0.1	11.3	6.2	3.1	0.7	4.00	6.10	11.40
03	5.00	3.9	1.5	0.4	0.3	0.0	4.2	1.8	1.0	0.0	2.20	3.70	7.60
04	0.60	0.8	0.2	0.1	0.0	0.0	0.2	0.1	0.0	0.0	0.00	0.00	0.50
05	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
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	0.20	0.1	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.00	0.00	0.00
11	2.00	1.8	0.5	0.2	0.0	0.0	1.2	0.5	0.1	0.0	0.00	1.20	2.50
12	7.20	7.0	2.0	0.5	0.3	0.0	8.4	3.8	2.3	0.0	2.70	6.00	10.30
Summary	32.2	30.8	9.7	2.5	0.9	0.1	39.6	20.7	9.8	1.9	13.1	25.0	43.7

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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	22.0	29.2	125.0	351.5	678.9	926.7	1041.4	982.5	764.8	443.3	150.6	36.6
45	9.0	12.2	69.9	232.9	525.5	776.8	886.5	827.6	615.1	304.3	81.9	14.2
50	3.1	3.8	35.3	137.1	378.4	626.8	731.5	672.6	466.9	190.8	38.9	5.0
55	0.7	1.0	15.4	70.4	247.0	477.6	576.5	517.6	324.4	105.1	14.2	1.5
60	0.1	0.1	5.8	30.1	143.5	332.2	421.7	363.4	198.1	48.4	3.4	0.4
Growing Degree Units for Corn (Monthly)												
50/86	8.6	15.1	69.9	200.8	408.9	619.6	713.6	663.5	482.6	252.6	75.1	14.5

Growing Degree Units (Accumulated Monthly)												
40	22	51	176	528	1207	2133	3175	4157	4922	5365	5516	5553
45	9	21	91	324	850	1626	2513	3340	3956	4260	4342	4356
50	3	7	42	179	558	1184	1916	2589	3056	3246	3285	3290
55	1	2	17	88	334	812	1389	1906	2231	2336	2350	2351
60	0	0	6	36	180	512	934	1297	1495	1543	1547	1547
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	9	24	94	294	703	1323	2036	2700	3183	3435	3510	3525

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