



Indiana State Fair

10AM Weather Forecast

Sunday, August 1, 2021



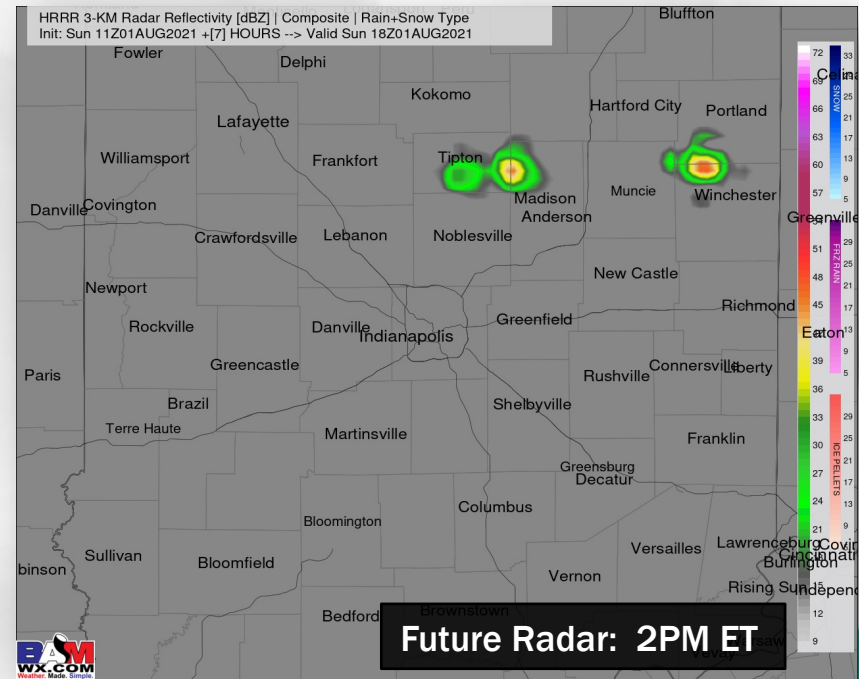
Hour by Hour Forecast:

Time	Temp	Forecast Icon	Precip %	Lightning Prob %	Rain Hourly Range	Rain Accum Range	Feels Like	Wind
08-01-2021 Sun 10am	69°		0%	0%	0"-0" Mean: 0"	0"-0" Mean: 0"	69°	WNW 7mph G: 10mph
08-01-2021 Sun 11am	73°		0%	0%	0"-0" Mean: 0"	0"-0" Mean: 0"	72°	WNW 7mph G: 10mph
08-01-2021 Sun 12pm	75°		10%	24%	0"-0.12" Mean: 0"	0"-0.12" Mean: 0"	75°	NW 8mph G: 12mph
08-01-2021 Sun 1pm	77°		20%	24%	0"-0" Mean: 0.01"	0"-0.13" Mean: 0.01"	77°	NW 8mph G: 13mph
08-01-2021 Sun 2pm	79°		20%	0%	0"-0.01" Mean: 0.02"	0.01"-0.13" Mean: 0.03"	80°	NNW 9mph G: 14mph
08-01-2021 Sun 3pm	79°		20%	22%	0"-0" Mean: 0"	0.01"-0.14" Mean: 0.03"	80°	NNW 9mph G: 15mph
08-01-2021 Sun 4pm	79°		20%	0%	0"-0.06" Mean: 0.01"	0.01"-0.19" Mean: 0.04"	80°	NNW 10mph G: 15mph
08-01-2021 Sun 5pm	79°		20%	0%	0"-0" Mean: 0.01"	0.01"-0.2" Mean: 0.05"	80°	N 10mph G: 15mph
08-01-2021 Sun 6pm	78°		10%	0%	0"-0" Mean: 0.01"	0.01"-0.19" Mean: 0.06"	79°	N 9mph G: 14mph
08-01-2021 Sun 7pm	76°		0%	0%	0"-0" Mean: 0"	0.01"-0.19" Mean: 0.06"	76°	N 9mph G: 14mph

10AM Synopsis: We continue to keep an eye on isolated chances for showers this afternoon from roughly 12 PM – 6 PM. Areal coverage is still anticipated to be around ~20% as a reinforcing cold front moves across central Indiana. The presence of some instability will allow for a small potential for lightning as well. However, the best potential/ coverage is anticipated to be East of the Indy Metro area with the vast majority of the day on the drier side. Outside of these chances, expect partly cloudy conditions with some haze overhead and high temperatures approaching 80 F. Winds pick up late morning into the afternoon as well as winds shift more out of the north, sustained around 8 – 14 MPH. Gusts up to 15-20 MPH will be possible.

Hazardous Weather Alerts:

None





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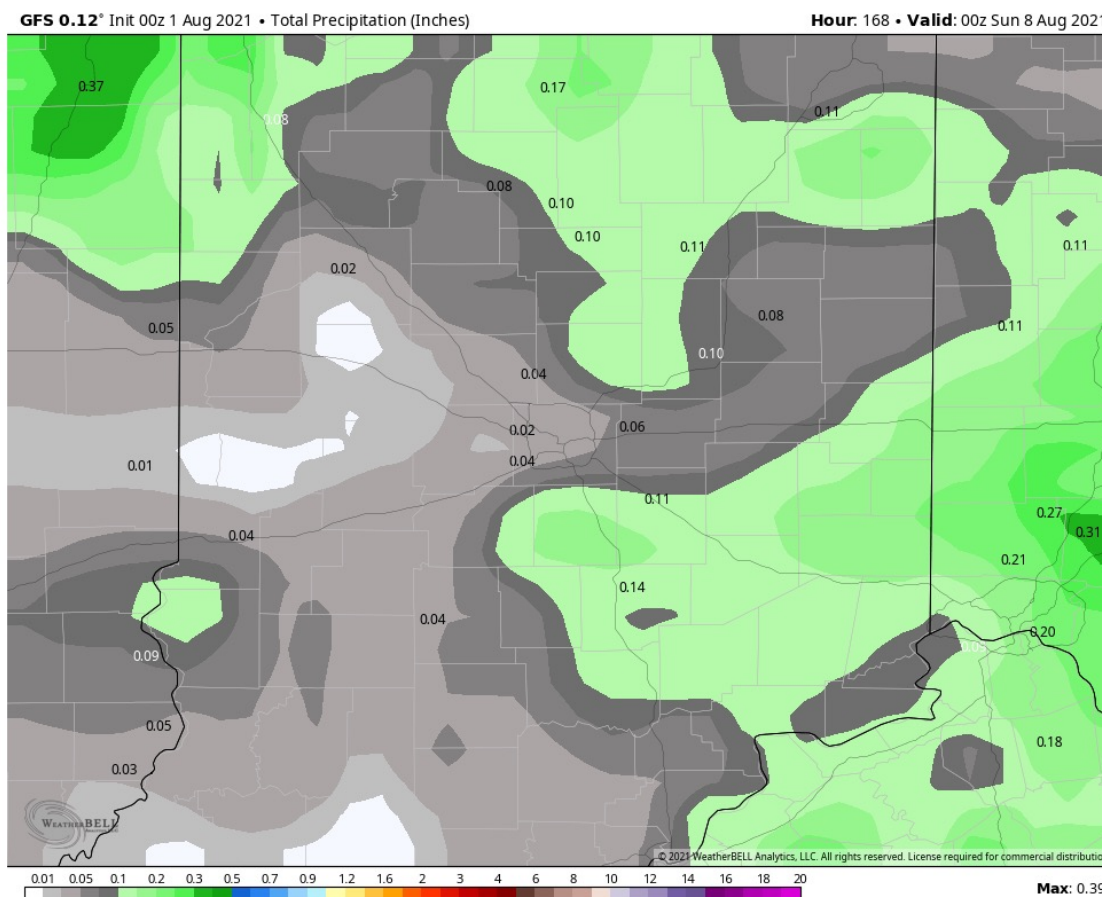
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5 Day Forecast Discussion: Outside of the minor chances today, quiet conditions are favored until Friday into next weekend where chances begin to pick up again. Plenty of sunshine is expected for much of the week ahead with temperatures to begin the week in the upper 70's to lower 80's F. Temperatures start to increase Thursday into the weekend as highs return to the mid to upper 80's F. Low humidity values are expected as well for much of the week ahead. Humidity starts to pick up this weekend, allowing for Heat Index values to be on the increase as well. Winds are anticipated to be quite light overall next week.

7-Day Rain Map:



Date	Temp	Forecast Icon	Precip %	Rain	Relative Humidity	Wind
08-01-2021 Sun	60° 79°		0% am 20% pm	0"-0.13"	62%	WNW 8mph G: 14mph
08-02-2021 Mon	56° 78°		0% am 0% pm	0"-0"	50%	NE 4mph G: 8mph
08-03-2021 Tue	60° 80°		0% am 0% pm	0"-0"	47%	NE 4mph G: 8mph
08-04-2021 Wed	59° 82°		0% am 0% pm	0"-0"	45%	ENE 4mph G: 6mph
08-05-2021 Thu	61° 85°		0% am 0% pm	0"-0"	49%	SSE 2mph G: 5mph



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Long Range Forecast Discussion & Scenarios: The next 3-4 days will feature lower humidity and cooler temps compared to the early August normal, overall dry as well with little weather concern. As mentioned in the slides above, we are watching for an isolated ~20% chance of precipitation this afternoon along a cold front, but favoring mostly dry conditions for most of the day. As seen in the outcomes for today, if one of these isolated cells does work overhead we would expect intensity & totals to be light. Looking ahead to next week in the 5-10 day period, beginning Thursday the heat returns along with the humidity so the heat indices will be elevated into the mid-to-upper 90s. Scattered storms in hit or miss summer-time fashion will be possible especially starting next Friday into the weekend.

TMax	Low End	Most Likely	High End	Extreme
Sun 8/01	81°F	82°F	82°F	83°F
Mon 8/02	78°F	80°F	81°F	81°F
Tue 8/03	80°F	82°F	83°F	84°F
Wed 8/04	83°F	85°F	86°F	87°F
Thu 8/05	86°F	88°F	89°F	91°F
Fri 8/06	87°F	90°F	91°F	92°F
Sat 8/07	90°F	93°F	96°F	97°F
Sun 8/08	90°F	94°F	96°F	98°F
Mon 8/09	90°F	93°F	96°F	97°F
Tue 8/10	90°F	93°F	95°F	96°F

Rain	Low End	Most Likely	High End	Extreme
Sun 8/01	0"	0"	0.05"	0.13"
Mon 8/02	0"	0"	0"	0.03"
Tue 8/03	0"	0"	0.01"	0.04"
Wed 8/04	0"	0"	0.01"	0.03"
Thu 8/05	0"	0"	0.02"	0.08"
Fri 8/06	0"	0"	0.02"	0.08"
Sat 8/07	0"	0"	0.04"	0.18"
Sun 8/08	0"	0.1"	0.64"	1.03"
Mon 8/09	0"	0.18"	0.71"	1.12"
Tue 8/10	0"	0.21"	0.88"	1.51"