



Indiana State Fair

2PM Weather Forecast

Saturday, August 7, 2021

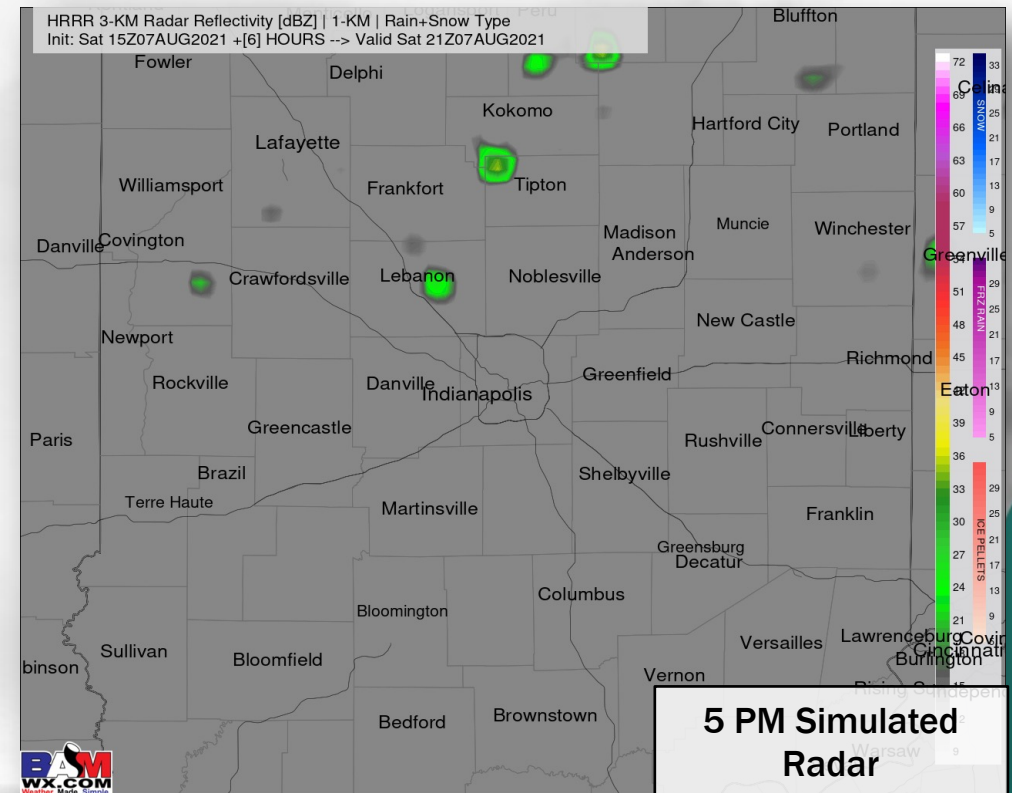


Hour by Hour Forecast:

Time	Temp	Forecast Icon	Precip %	Lightning Prob %	Rain Hourly Range	Rain Accum Range	Feels Like	Wind
08-07-2021 Sat 2pm	86°		10%	38%	0"-0.12" Mean: 0"	0"-0.13" Mean: 0"	89°	WSW 6mph G: 9mph
08-07-2021 Sat 3pm	86°		14%	44%	0"-0.08" Mean: 0.01"	0"-0.21" Mean: 0.01"	90°	WSW 6mph G: 9mph
08-07-2021 Sat 4pm	87°		16%	36%	0"-0.26" Mean: 0"	0"-0.47" Mean: 0.01"	90°	WSW 6mph G: 9mph
08-07-2021 Sat 5pm	87°		24%	27%	0"-0.01" Mean: 0.03"	0"-0.48" Mean: 0.04"	90°	WSW 6mph G: 9mph
08-07-2021 Sat 6pm	87°		13%	27%	0"-0" Mean: 0"	0"-0.48" Mean: 0.04"	90°	WSW 6mph G: 9mph
08-07-2021 Sat 7pm	86°		14%	0%	0"-0" Mean: 0.01"	0"-0.48" Mean: 0.05"	89°	SW 6mph G: 7mph
08-07-2021 Sat 8pm	84°		10%	29%	0"-0.06" Mean: 0.02"	0"-0.53" Mean: 0.07"	87°	WSW 5mph G: 7mph
08-07-2021 Sat 9pm	82°		10%	26%	0"-0" Mean: 0.02"	0"-0.54" Mean: 0.09"	85°	WSW 4mph G: 7mph
08-07-2021 Sat 10pm	79°		10%	0%	0"-0.02" Mean: 0"	0"-0.55" Mean: 0.09"	82°	SW 4mph G: 7mph
08-07-2021 Sat 11pm	77°		10%	0%	0"-0.02" Mean: 0"	0"-0.57" Mean: 0.09"	77°	SSW 4mph G: 8mph

2PM Synopsis: We are continuing to monitor radar and satellite this afternoon and thus far have not seen any impressive convective development. Some drier air lingering in the low-levels of the atmosphere and high clouds from this morning are inhibiting much in the way of development. There have been a few showers pop up near Lafayette, but they have generally remained weak. As we get into the peak heating of the day we still can't rule out something isolated, but as the simulated radar shows the better risk will be north (and it could very well stay as showers vs. storms). Main timeframe to watch will be 2-7PM, overall low chances ~10-20% - much better chance to stay completely dry.

Hazardous Weather Alerts: None





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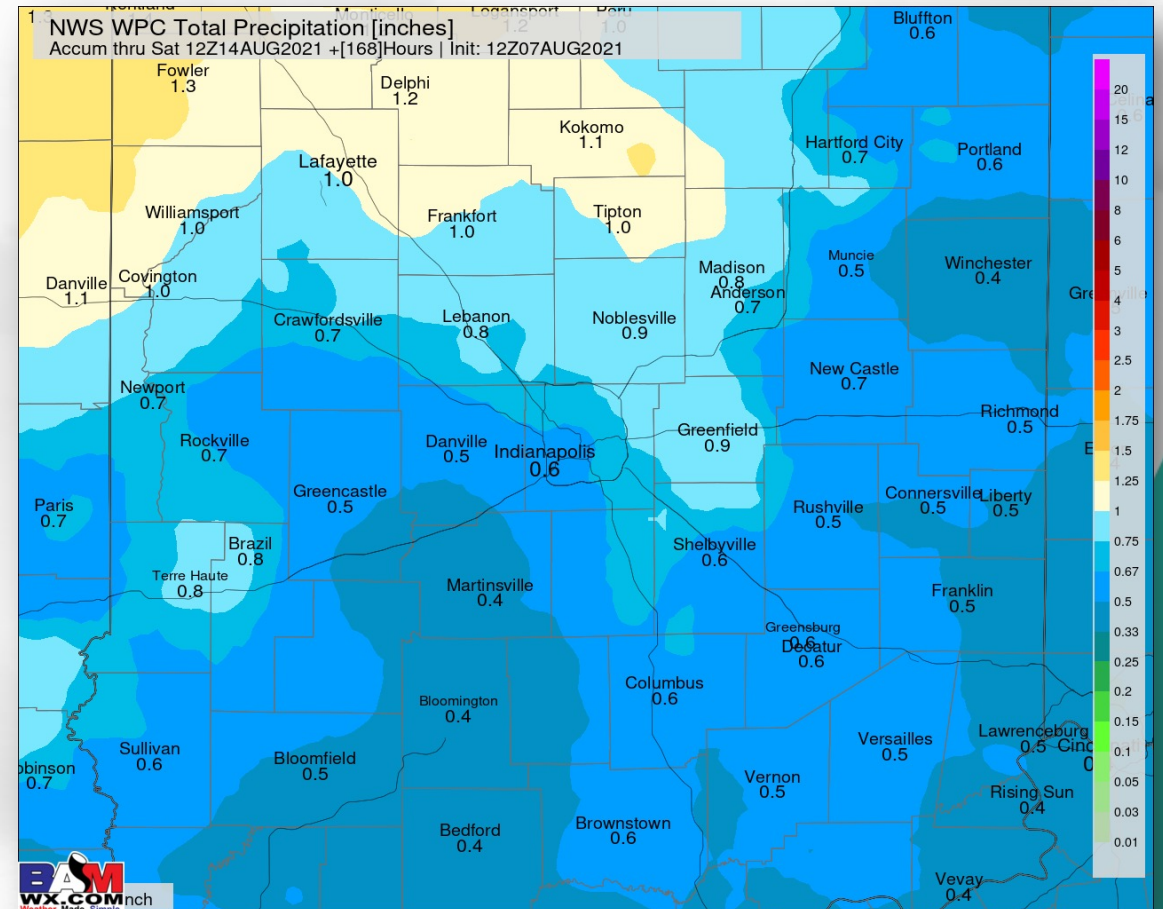
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5 Day Forecast Discussion: Overall, the forecast thinking remains on track. A few scattered cells will be possible this afternoon with the bulk remaining to the north. Sunday continues to be a drier day with daily hit and miss chances into next week. We likely increase our afternoon pop up storm risk into early next week and we will need to watch for a few more organized waves of rain/storms. We continue to keep an eye on Wednesday – Friday for the potential for a stronger storm. This is still several days out so we will fine-tune in the days to come. With the increasing rain chances next week will also come an uptick in humidity as well. Heat Index Values into the mid 90's F will be possible next week

7-Day Rain Map:



Date	Temp	Forecast Icon	Precip %	Rain	Relative Humidity	Wind
08-08-2021 Sun	69° 90°		0% am 0% pm	0"-0"	50%	SSW 8mph G: 12mph
08-09-2021 Mon	72° 87°		13% am 55% pm	0.07"-0.41"	66%	SSW 9mph G: 16mph
08-10-2021 Tue	72° 89°		36% am 29% pm	0.25"-0.75"	67%	SW 8mph G: 13mph
08-11-2021 Wed	73° 89°		33% am 52% pm	0.08"-0.41"	66%	SW 8mph G: 14mph
08-12-2021 Thu	72° 89°		32% am 33% pm	0.12"-0.48"	63%	WSW 6mph G: 10mph



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Long Range Forecast Discussion & Scenarios: Temperatures are on the increase this weekend with a high ~90F tomorrow with heat index values approaching the low-to-mid 90's F. Into early next week, scattered, hit and miss rain chances will be possible on the daily, along with an uptick in both temperatures and humidity for a few days next week. It seems likely that heat index values in the mid 90's F will be possible early next week as well. As for the rain chances into next week, the storm chances look to be hit and miss, mainly during the afternoon and evening hours, but a few more organized waves of rain/storms cannot be ruled out throughout the week (especially into Wed-Fri). The next POSSIBLE organized (strong?) storm threat would come with another cold front late next week into the weekend. This would also bring cooler air back into the forecast decreasing heat issues.

TMax	Low End	Most Likely	High End	Extreme
Sun 8/08	91°F	92°F	94°F	95°F
Mon 8/09	88°F	90°F	92°F	92°F
Tue 8/10	90°F	93°F	94°F	95°F
Wed 8/11	90°F	92°F	94°F	95°F
Thu 8/12	90°F	92°F	93°F	95°F
Fri 8/13	89°F	91°F	94°F	94°F
Sat 8/14	85°F	89°F	92°F	95°F
Sun 8/15	84°F	87°F	92°F	92°F
Mon 8/16	83°F	86°F	90°F	92°F
Tue 8/17	85°F	88°F	90°F	92°F

Rain	Low End	Most Likely	High End	Extreme
Sun 8/08	0"	0"	0"	0.02"
Mon 8/09	0.07"	0.41"	0.99"	1.45"
Tue 8/10	0.01"	0.25"	0.69"	1.09"
Wed 8/11	0.08"	0.41"	0.83"	1.15"
Thu 8/12	0"	0.12"	0.48"	0.79"
Fri 8/13	0"	0.06"	0.36"	0.65"
Sat 8/14	0"	0"	0.29"	0.69"
Sun 8/15	0"	0"	0.12"	0.41"
Mon 8/16	0"	0"	0.1"	0.39"
Tue 8/17	0"	0"	0.2"	0.61"