

# INDIANA STATE FAIR

## Sunday, July 31, 2022

### 10PM Weather Forecast



## Hour by Hour Forecast:

Indiana State Fairgrounds																	
Time	Sun 31st 11pm	Mon 1st 12am	Mon 1st 1am	Mon 1st 2am	Mon 1st 3am	Mon 1st 4am	Mon 1st 5am	Mon 1st 6am	Mon 1st 7am	Mon 1st 8am	Mon 1st 9am	Mon 1st 10am	Mon 1st 11am	Mon 1st 12pm	Mon 1st 1pm	Mon 1st 2pm	Mon 1st 3pm
Cloud %	31%	27%	36%	54%	55%	70%	73%	83%	89%	83%	84%	86%	85%	83%	81%	80%	82%
Pop %	0%	0%	0%	0%	0%	0%	20%	20%	30%	30%	40%	40%	30%	20%	20%	20%	30%
RH %	62%	73%	86%	90%	90%	90%	91%	92%	95%	Marginal	94%	93%	Marginal	Marginal	Marginal	Marginal	Marginal
Precipitation	0	0	0	0	0	0.01	0.1	0.2	0.2	0.2	0.25	0.25	0.27	0.29	0.3	0.3	0.33
Temperature	75°	73°	72°	71°	71°	72°	72°	71°	71°	73°	74°	75°	79°	81°	83°	84°	85°
Dew Point	62°	65°	68°	68°	68°	69°	69°	69°	70°	71°	72°	72°	73°	73°	73°	73°	73°
Feels Like	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑
Wind	4 10	5 15	5 13	6 14	6 16	7 18	8 19	6 16	7 15	9 22	11 22	14 28	13 22	13 23	14 23	14 24	14 24
Visibility	10 mi	10 mi	10 mi	10 mi	10 mi	10 mi	10 mi	10 mi	10 mi	9 mi	10 mi	10 mi	10 mi	10 mi	10 mi	10 mi	10 mi

## Hazardous Weather Alerts:

**NONE**



## MONDAY 8/1: IMPORTANT FORECAST NOTES (as of 10 PM ET, 7/31/22):

### Precipitation:

- ✓ Eyeing isolated chances for a few hit and miss showers and t-storms as early as 5 AM ET. The best shot (30-40%) for a few hit and miss pockets of precip comes in the 7-11 AM window (gusty winds + lightning are biggest threats). Precipitation weakens as it works NW to SE across the area.
- ✓ A second round of potential strong to severe storms will be possible in the 3-9 PM window (highest coverage likely sits S of I-70). Gusty winds, hail, and lightning will be possible.

### Temperatures:

- ✓ High temps will be dependent on AM precip & cloud cover, but favoring a high in the upper 80s/ near 90F.
- ✓ Heat indices 91-93 F possible.

### Wind/Clouds:

- ✓ Winds out of the S, sustained 10-15 MPH in the PM (non t-storm gusts 20-30 MPH).
- ✓ Under any PM strong storms, gusts of 30-50+ MPH will be possible.

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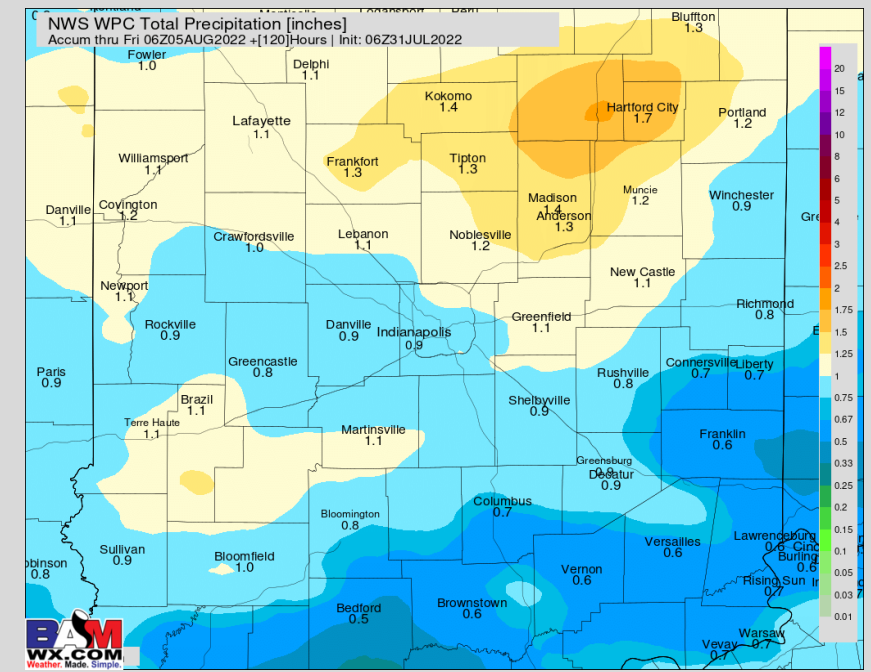
### 6PM Weather Forecast



## 10-Day Forecast

BAMwx 10 Day	Mon 8/1	Tue 8/2	Wed 8/3	Thu 8/4	Fri 8/5	Sat 8/6	Sun 8/7	Mon 8/8	Tue 8/9	Wed 8/10
Sky Condition										
Hi	86°	90°	93°	85°	86°	90°	91°	89°	86°	88°
Low	71°	68°	74°	75°	72°	71°	73°	73°	70°	68°
Wind	↗15 mph gusts 25	↗6 mph gusts 9	↗15 mph gusts 23	↗9 mph gusts 15	↙6 mph gusts 12	↗6 mph gusts 11	↗8 mph gusts 17	↗7 mph gusts 14	↗8 mph gusts 16	↗8 mph gusts 15
Precipitation	Confidence / Trend	2 ↓	5 —	5 —	4 ↓	2 —	5 —	5 —	2 —	5 —
	AM %	30%	0%	0%	40%	50%	0%	0%	20%	0%
	PM %	30%	0%	0%	70%	40%	0%	0%	30%	0%
	Min	0.01	0	0	0.58	0.09	0	0	0	0
	Max	0.75	0	0	1.28	0.29	0	0	0.09	0
	Snow	0	0	0	0	0	0	0	0	0
	Ice	0	0	0	0	0	0	0	0	0
RH %	72%	62%	61%	76%	73%	68%	66%	70%	69%	64%

## 5-Day Rainfall Map



## NEXT 5 DAYS: IMPORTANT FORECAST NOTES (as of 10PM ET, 7/31/22):

### Precipitation:

- ✓ Strong storm threat Monday
  - ✓ Isolated showers/storms from 5AM-11AM. Gusty winds and lightning will be possible in strongest of cells, in addition to brief periods of heavy rain
  - ✓ 3 PM - 9 PM Scattered storms possible, period of concern for a few strong to severe storms, with gusty winds and large hail possible.
- ✓ Next opportunity for precip comes very late Wednesday night and for the day Thursday. Confidence is increasing of Thursday being a rather active day of showers/ storms.

### Temperatures:

- ✓ Heat indices in the low-mid 90s Mon/Tue.
- ✓ Heat indices in the mid-upper 90s Wed.
- ✓ Cloud cover may limit heat index values on THU - still need to watch for low to mid 90's F

### Wind/Clouds:

- ✓ A few wind gusts of 20 - 30 MPH Monday afternoon.
- ✓ **Monday storms could produce 30-50+MPH wind gusts**



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TMax	Most Likely	75% Chance	25% Chance	10% Chance
Mon 8/01	87°	90°	92°	93°
Tue 8/02	90°	91°	93°	94°
Wed 8/03	94°	94°	95°	96°
Thu 8/04	86°	90°	92°	93°
Fri 8/05	86°	88°	92°	93°
Sat 8/06	90°	91°	93°	95°
Sun 8/07	91°	92°	94°	96°
Mon 8/08	89°	91°	93°	97°
Tue 8/09	86°	91°	94°	96°
Wed 8/10	88°	92°	94°	97°

Rain	Most Likely	75% Chance	25% Chance	10% Chance
Mon 8/01	0	0.21	0.57	0.99
Tue 8/02	0	0	0.03	0.13
Wed 8/03	0	0	0.09	0.34
Thu 8/04	0.57	0.71	2.17	3.09
Fri 8/05	0.09	0.08	0.7	1.28
Sat 8/06	0	0	0.03	0.16
Sun 8/07	0	0	0.13	0.58
Mon 8/08	0	0	0.37	1.13
Tue 8/09	0	0	0.08	0.51
Wed 8/10	0	0	0.06	0.35

## LONG RANGE: IMPORTANT FORECAST NOTES (as of 10PM ET, 7/31/22):

### Precipitation:

- ✓ Highest storm threat Monday afternoon/evening.
- ✓ Storm threat returns overnight Wednesday/ Thursday
  - ✓ Higher risk for the afternoon and evening hours
  - ✓ Lower confidence into Friday
- ✓ Another front next Sunday/ Monday (8/7 – 8/8) will likely pose the next scattered storm threat.

### Temperatures:

- ✓ Near 90F by Monday
- ✓ Upper-80s and low-90s for highs should persist throughout next week.
- ✓ Heat indices in the mid-upper 90s mid-week, lower-90s throughout the rest of next week/weekend.