

Updated: 1:50 PM CT Monday, February 8, 2021

➤ As always, please do not hesitate to reach out to us with any forecast questions via the chat option on the Weather Porthole or our on call number, **(317)-560-8122** press 1 for forecast questions.



Visibility Report

Monday, February 8, 2021

HOURLY VISIBILITY BREAKDOWN (in miles)

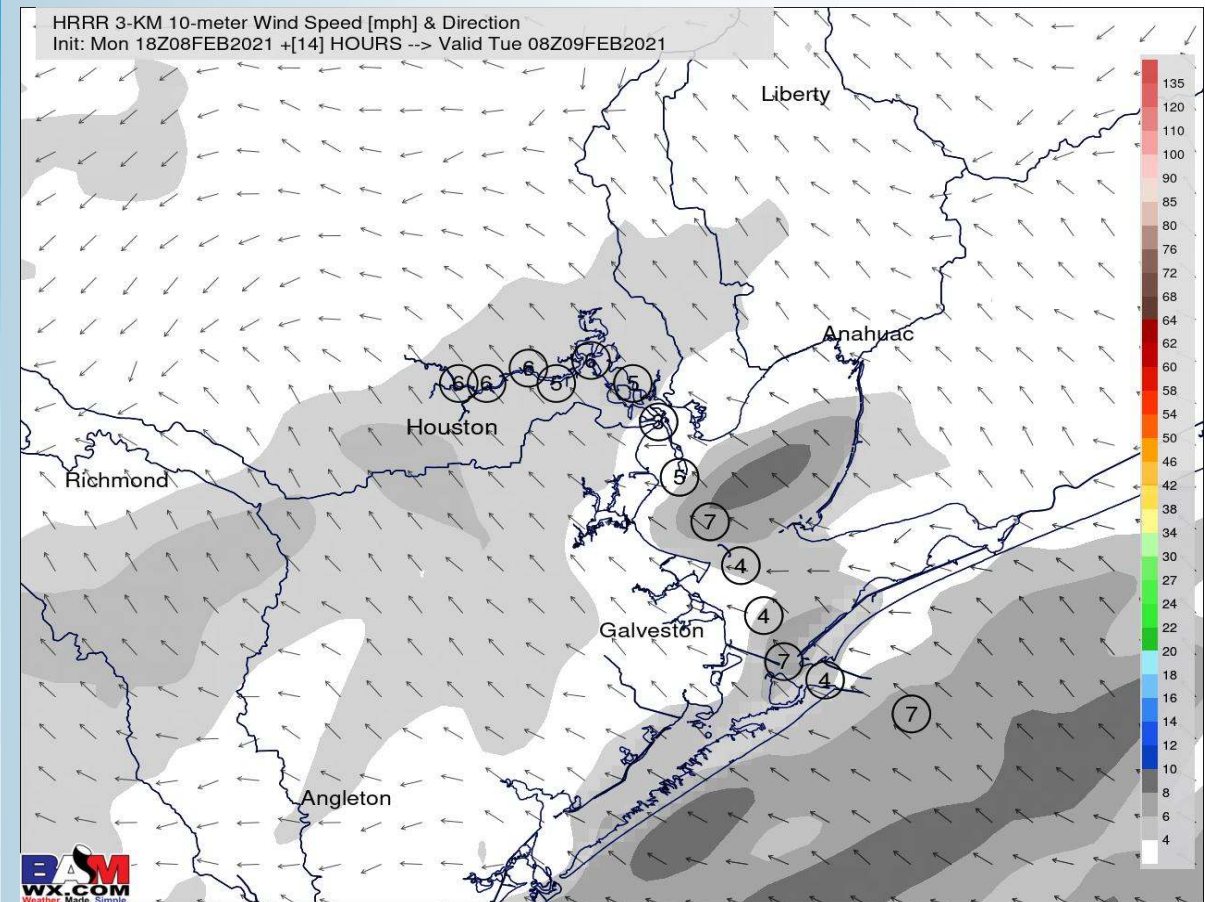
Time	02-08-2021 Mon 12pm	02-08-2021 Mon 1pm	02-08-2021 Mon 2pm	02-08-2021 Mon 3pm	02-08-2021 Mon 4pm	02-08-2021 Mon 5pm	02-08-2021 Mon 6pm	02-08-2021 Mon 7pm	02-08-2021 Mon 8pm	02-08-2021 Mon 9pm	02-08-2021 Mon 10pm	02-08-2021 Mon 11pm	02-09-2021 Tue 12am	02-09-2021 Tue 1am	02-09-2021 Tue 2am	02-09-2021 Tue 3am	02-09-2021 Tue 4am	02-09-2021 Tue 5am	02-09-2021 Tue 6am	02-09-2021 Tue 7am	02-09-2021 Tue 8am	02-09-2021 Tue 9am	02-09-2021 Tue 10am	02-09-2021 Tue 11am	02-09-2021 Tue 12pm	02-09-2021 Tue 1pm	02-09-2021 Tue 2pm	02-09-2021 Tue 3pm	02-09-2021 Tue 4pm	02-09-2021 Tue 5pm	02-09-2021 Tue 6pm	02-09-2021 Tue 7pm	02-09-2021 Tue 8pm	02-09-2021 Tue 9pm	02-09-2021 Tue 10pm	02-09-2021 Tue 11pm
Houston Pilots A - 1 & 2 Bravo	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	2.53	0.53	0.29	0.29	0.29	0.29	0.16	0.16	0.16	0.00	0.00	0.04	0.16	0.16	0.16	0.12	0.12	0.16	0.16	0.16	0.16	0.30	0.49	0.16	0.16	0.00
Houston Pilots B - 11/12	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	2.04	0.29	0.29	0.29	0.29	0.29	0.16	0.16	0.16	0.00	0.00	0.00	0.16	0.16	0.16	0.12	0.12	0.16	0.16	0.16	0.16	0.16	0.20	0.16	0.16	0.00
Houston Pilots C - 25/26	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	6.35	0.61	0.29	0.29	0.29	0.29	0.16	0.16	0.16	0.16	0.00	0.16	0.16	0.16	0.16	0.12	0.12	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16
Houston Pilots D - 37/38	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	5.94	2.70	0.29	0.29	0.29	0.29	0.29	0.16	0.16	0.16	0.16	0.00	0.16	0.16	0.34	0.48	1.37	1.37	1.10	1.10	1.10	1.10	0.32	0.32	0.32	0.16	0.16
Houston Pilots E - 51/52	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	3.85	0.53	0.29	0.29	0.29	0.29	0.29	0.16	0.16	0.16	0.16	0.00	0.16	0.16	0.48	1.11	2.03	2.03	2.69	1.77	3.16	3.16	0.33	0.23	0.23	0.16	0.16
Houston Pilots F - 63/64	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	0.77	0.53	0.29	0.29	0.29	0.29	0.29	0.16	0.16	0.16	0.16	0.00	0.16	0.16	0.48	1.59	4.02	4.02	5.01	5.01	6.49	6.49	1.34	1.16	0.47	0.16	0.16
Houston Pilots G - 75/76	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	0.77	0.53	0.29	0.29	0.29	0.29	0.29	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.48	1.59	4.53	4.98	6.51	6.51	8.03	7.55	2.31	2.31	0.63	0.16	0.16
Houston Pilots H - Morgans Point	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	2.59	0.53	0.29	0.29	0.29	0.29	0.29	0.19	0.19	0.19	0.19	0.16	0.19	1.41	2.48	4.92	6.80	7.37	8.46	8.46	8.99	8.00	5.43	4.79	2.37	1.85	0.19
Houston Pilots I - Exxon 3	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	6.83	0.89	0.29	0.29	0.29	0.29	0.24	0.24	0.24	0.24	0.16	0.24	2.94	4.93	8.99	9.03	9.67	8.99	9.67	8.99	7.95	7.95	6.92	4.93	3.90	0.24
Houston Pilots J - Lynchburg Ferries	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	4.72	0.77	0.29	0.29	0.29	0.29	0.22	0.22	0.22	0.22	0.16	0.22	2.04	3.76	7.05	7.97	9.25	8.99	9.81	9.40	8.58	7.43	6.15	4.03	2.92	0.36
Houston Pilots K - Shell Crude	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	3.22	0.58	0.29	0.29	0.29	0.29	0.24	0.24	0.24	0.24	0.16	0.24	2.94	4.93	8.99	9.82	10.00	8.99	10.00	9.84	8.99	7.95	6.92	5.66	3.90	0.48
Houston Pilots L - Greens Bayou	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	3.51	0.58	0.29	0.29	0.29	0.29	0.24	0.24	0.24	0.24	0.16	0.24	2.94	4.93	8.99	10.00	10.00	9.21	10.00	10.00	8.99	7.95	6.92	5.89	3.90	0.48
Houston Pilots M - Kinder 1	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	7.92	0.77	0.29	0.29	0.29	0.29	0.24	0.24	0.24	0.24	0.16	0.24	2.94	6.35	10.00	10.00	10.00	10.00	10.00	10.00	8.99	8.99	6.92	5.89	4.93	0.48
Houston Pilots N - 610 Bridge	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	7.92	1.32	0.38	0.29	0.29	0.29	0.24	0.24	0.24	0.24	0.16	0.33	2.94	6.92	10.00	10.00	10.00	10.00	10.00	10.00	8.99	8.99	6.92	5.89	4.93	0.48

Monday, February 8th, 2021

Short-Term Forecast Discussion

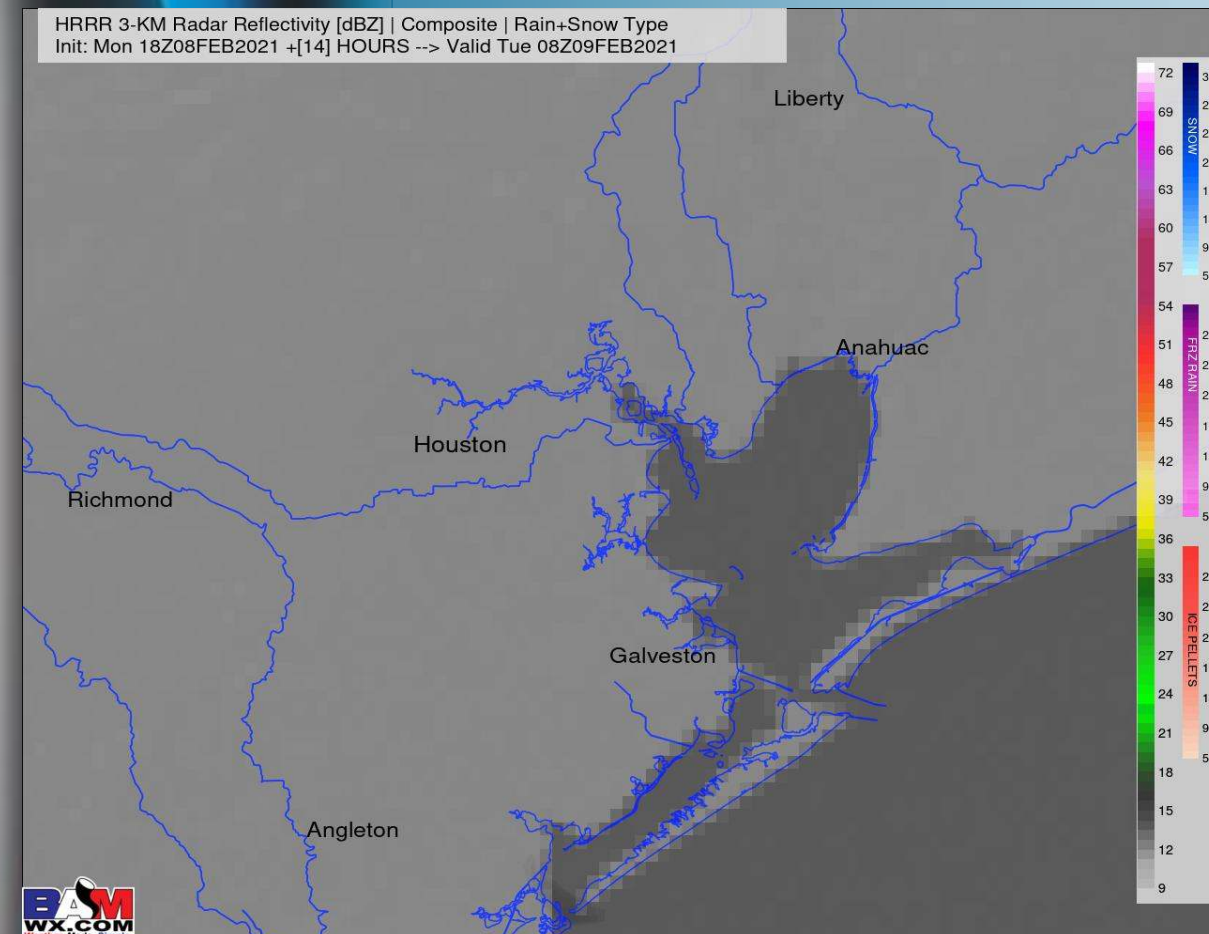
- Tonight we continue to favor drier conditions overall, with only an outside shot of an isolated shower.
- Winds will be out of the SE on Monday night, weak at around 4-8 MPH.
- Low temps tonight will drop down to near 60F.
- *Please reference the updated fog slide for a more detailed discussion on Tuesday morning's widespread fog risk.*

Sustained Winds (2 AM CT)



Simulated Radar Snapshot (2 AM CT)

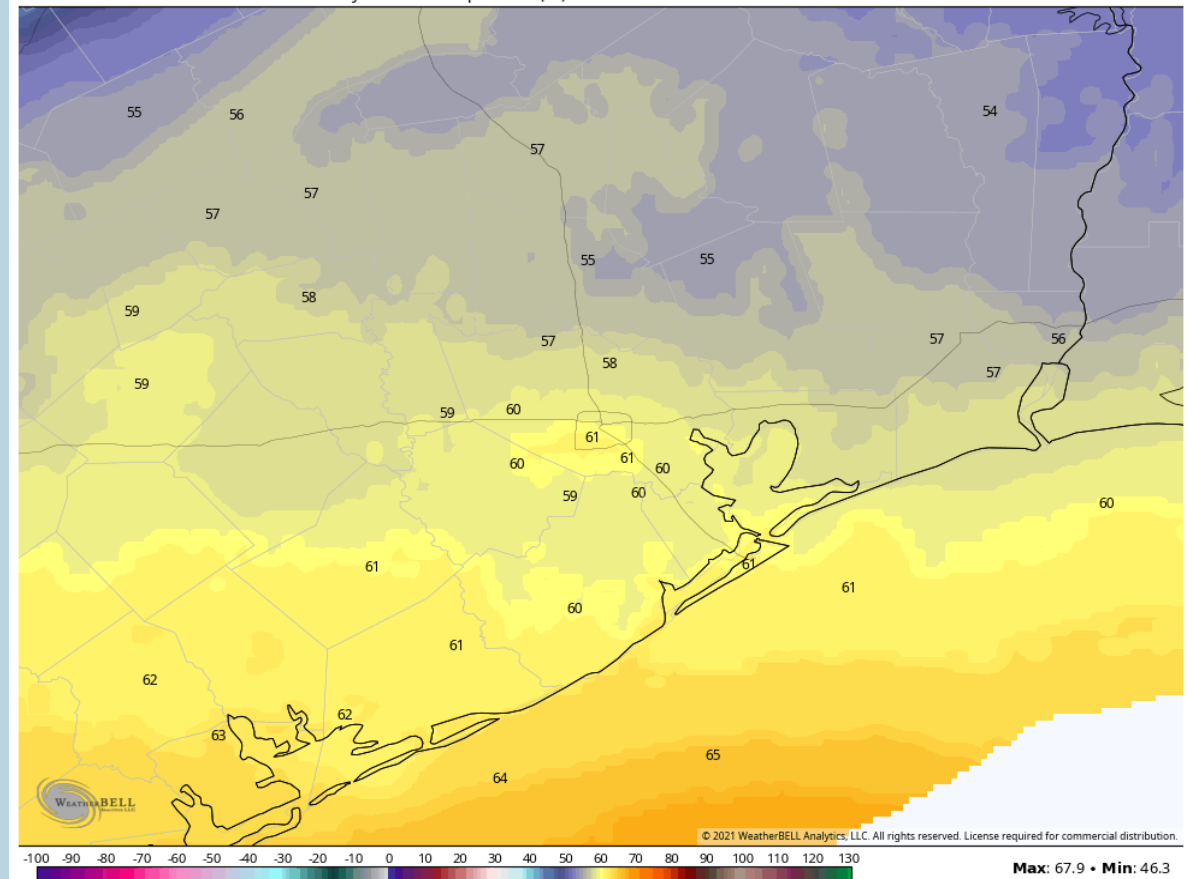
HRRR 3-KM Radar Reflectivity [dBZ] | Composite | Rain+Snow Type
Init: Mon 18Z08FEB2021 +[14] HOURS --> Valid Tue 08Z09FEB2021



Low Temperatures Monday Night

NDFD 2.5 km Init 19z 8 Feb 2021 • Daily Min. 2m Temperature (°F)

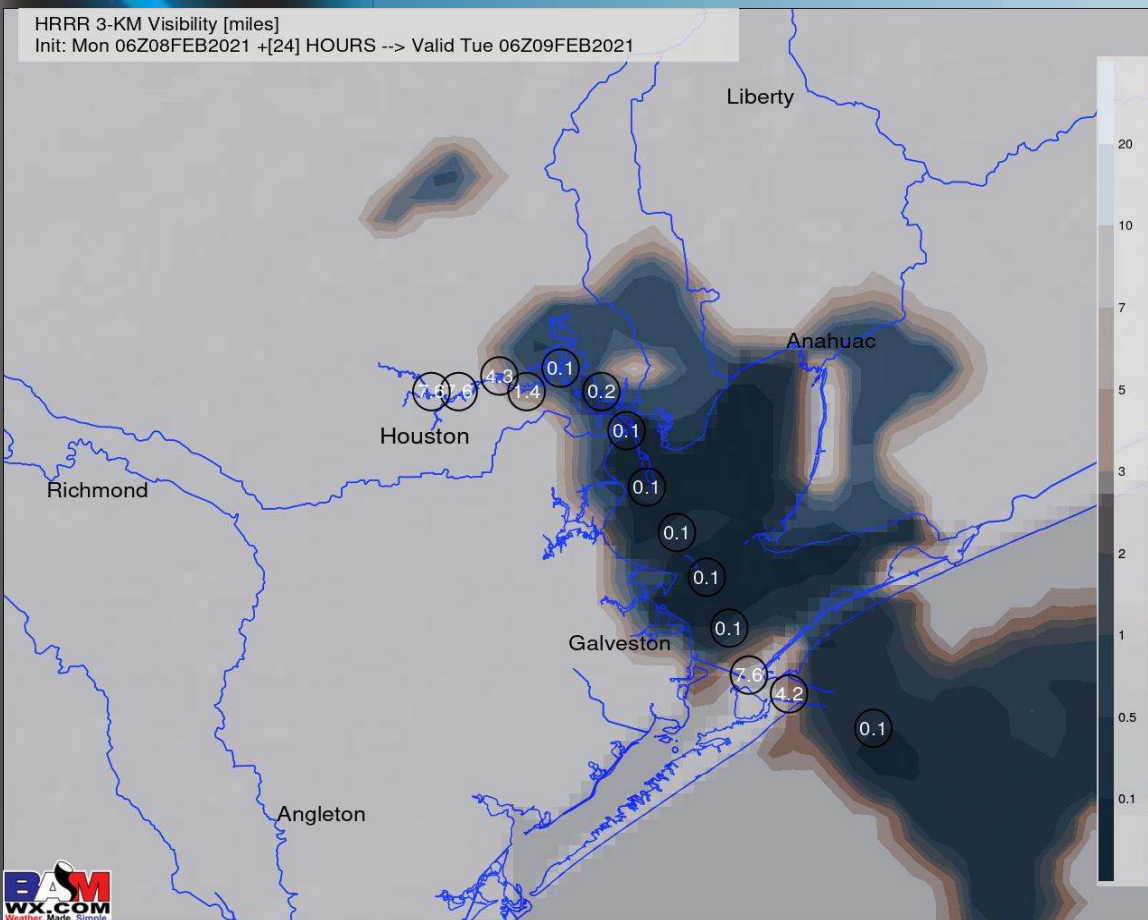
Valid: Tue 9 Feb 2021



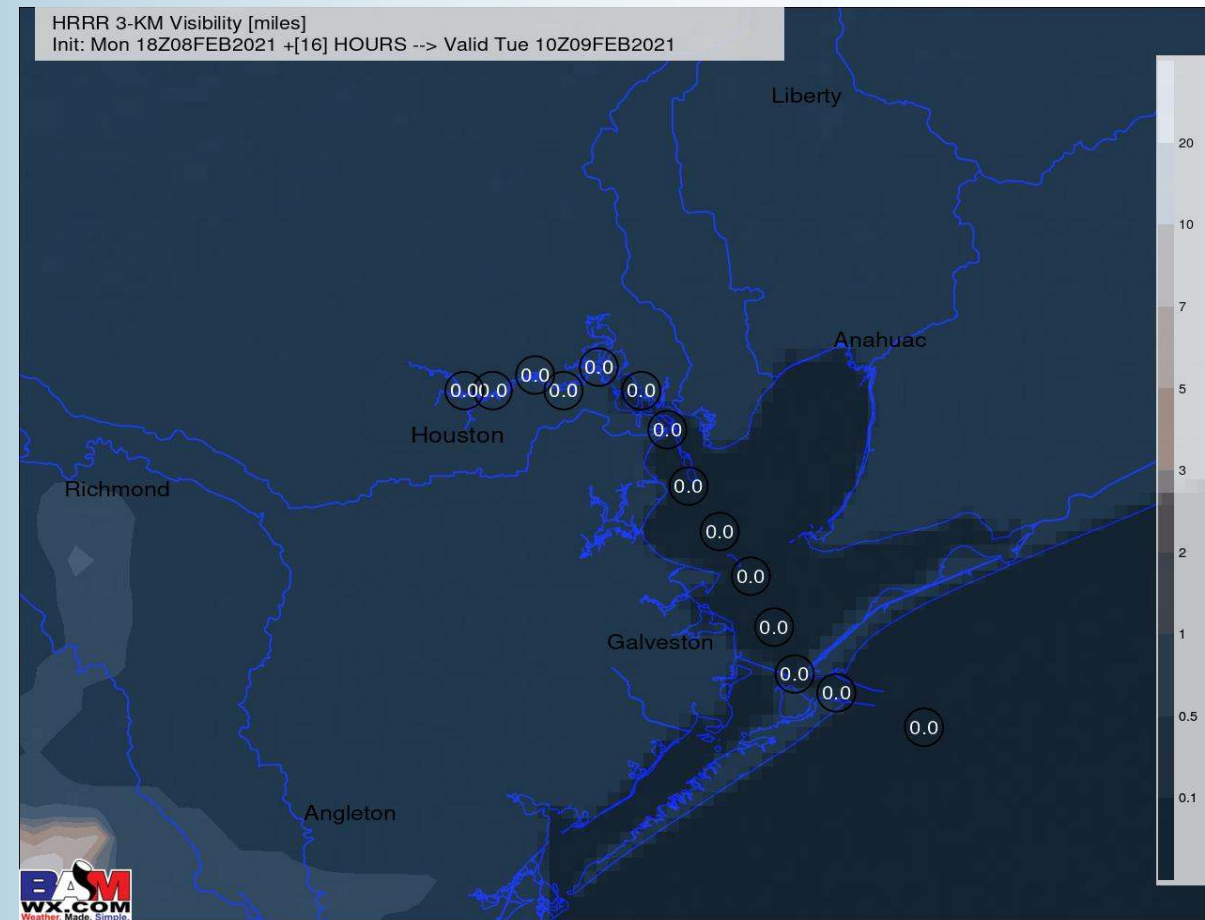
Fog Report

Tuesday, February 9, 2021

VISIBILITY (12 AM CT TUE)



VISIBILITY (4 AM CT TUE)



CONFIDENCE

**Below
Normal**

**Above
Normal**

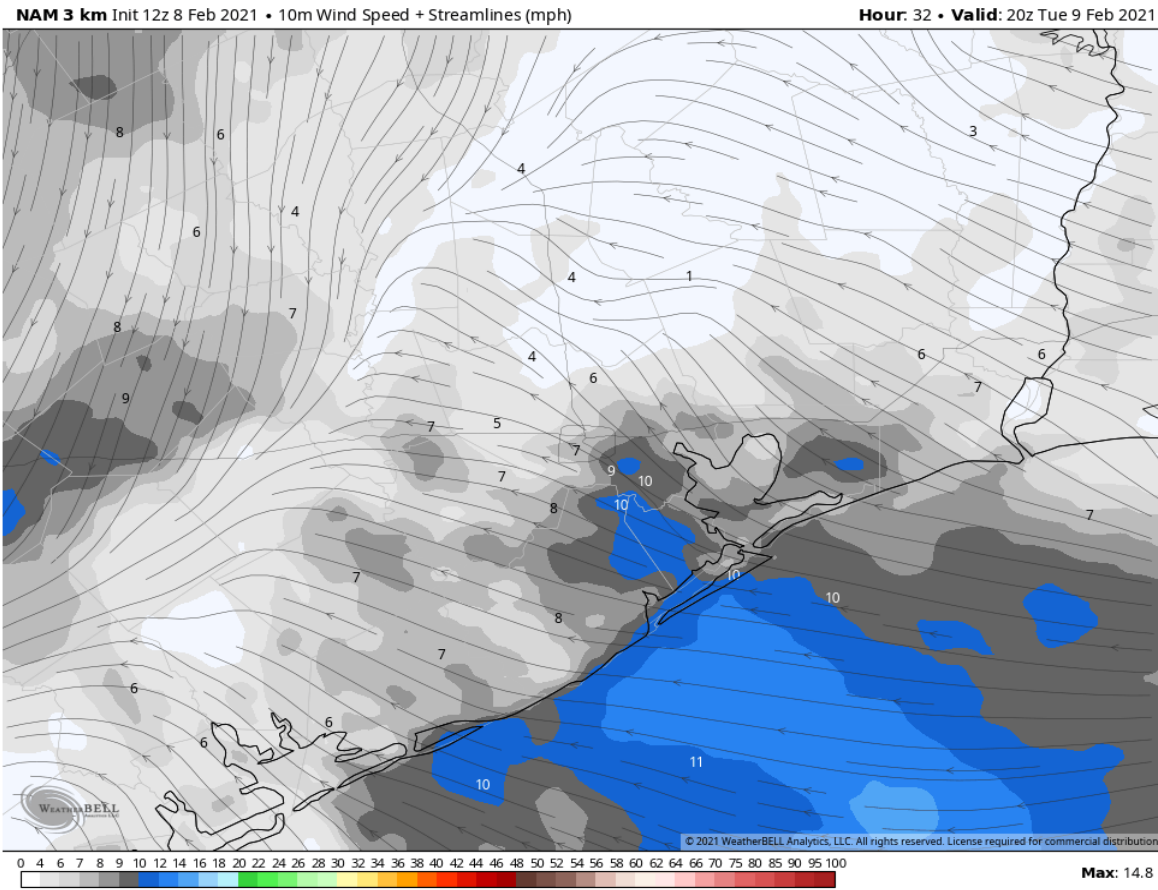
- **(No change) The middle portion of this week holds the potential to see some decent shots at fog in the Tuesday – Thursday timeframe. Onshore flow will be the theme for the next few days until Thursday evening when a cold front will swing through the area and take any fog chances out to sea.**
- **Higher than normal confidence that fog will be a concern Tuesday AM thanks to all model guidance showing a rather strong signal for a surface temperature inversion. We are currently favoring after 10-11 PM tonight (reference slide 2) for the on-set of the dense fog, becoming more widespread and dense especially after midnight tonight. Right now we think this fog can linger through 9-10 AM on Tuesday morning being both widespread and dense...after about 10 AM we anticipate the fog to start to become less widespread.**

Short-Term Forecast Discussion

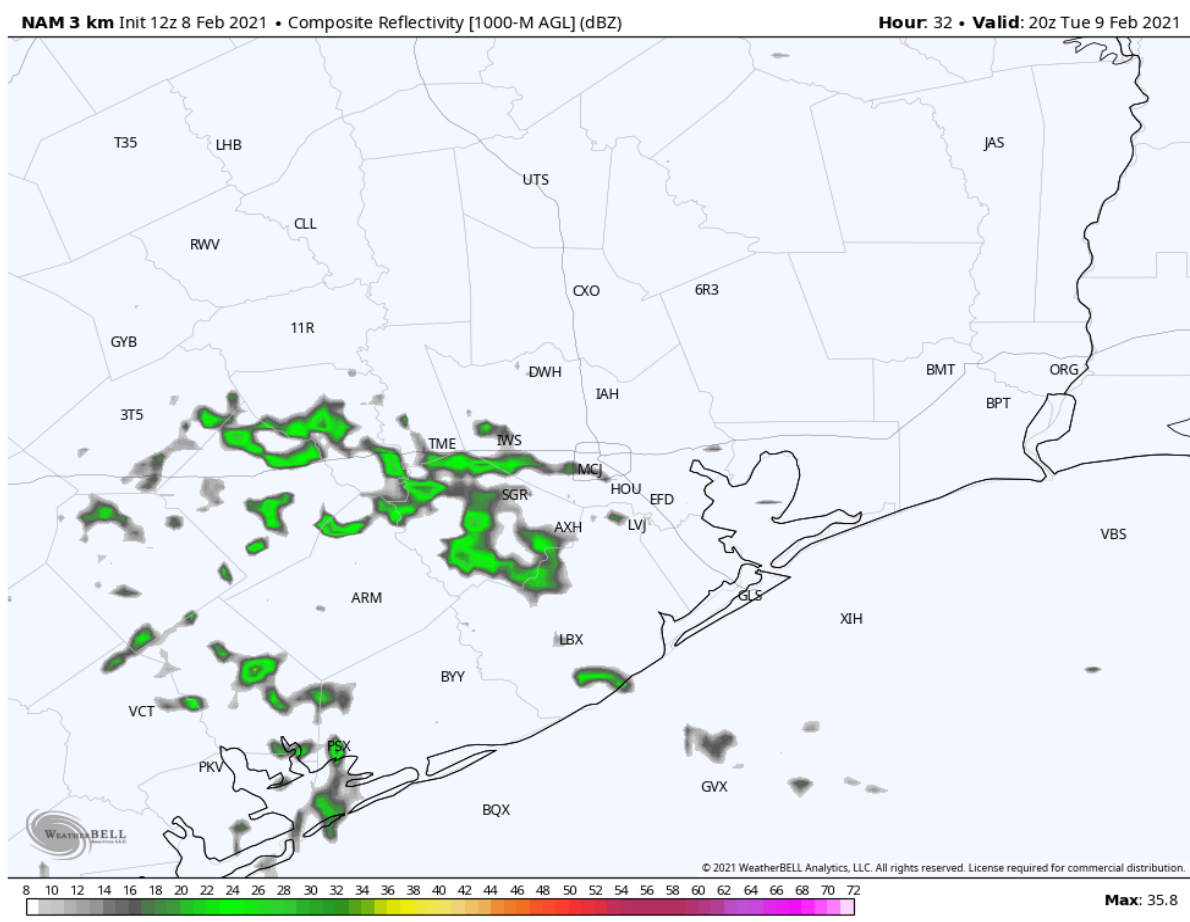
- Right now Tuesday is expected to be drier as well, however, an iso sprinkle/shower or two (10-20%) looks possible in the afternoon hours.
- Winds look to stay generally out of the SE on Tuesday and rather light, 5-10 MPH sustained.
- High temps for our stations look to be sitting in the upper 60s / lower 70s, locally higher inland.
- *Lower confidence on Fog right now on Tuesday after 10 AM. We will need to fine-tune on Tuesday AM how long the fog will likely linger throughout the day as the data right now is split. We do think there's an increased risk that fog can re-develop into the PM hours at this distance.*

Tuesday, February 9th, 2021

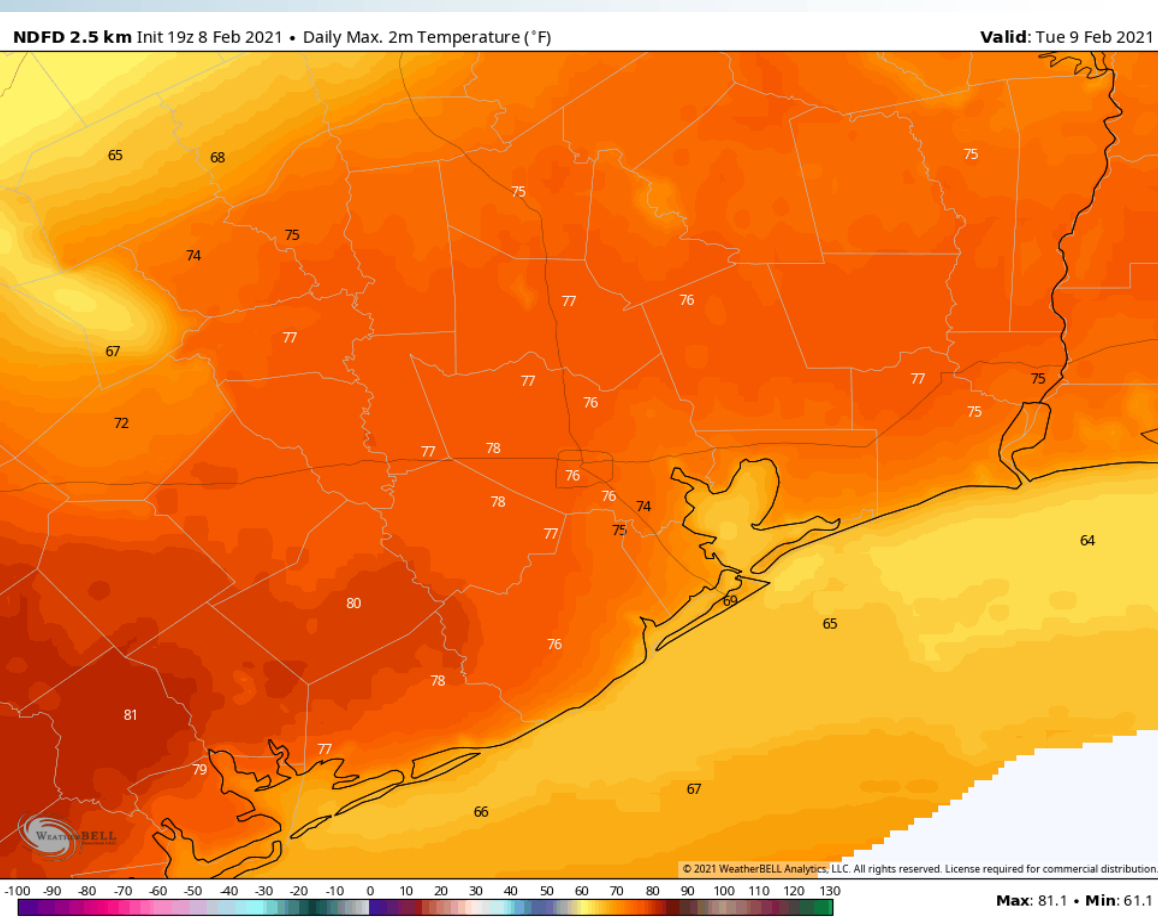
Sustained Winds (2 PM CT)



Simulated Radar Snapshot (2 PM CT)



High Temperatures Tuesday

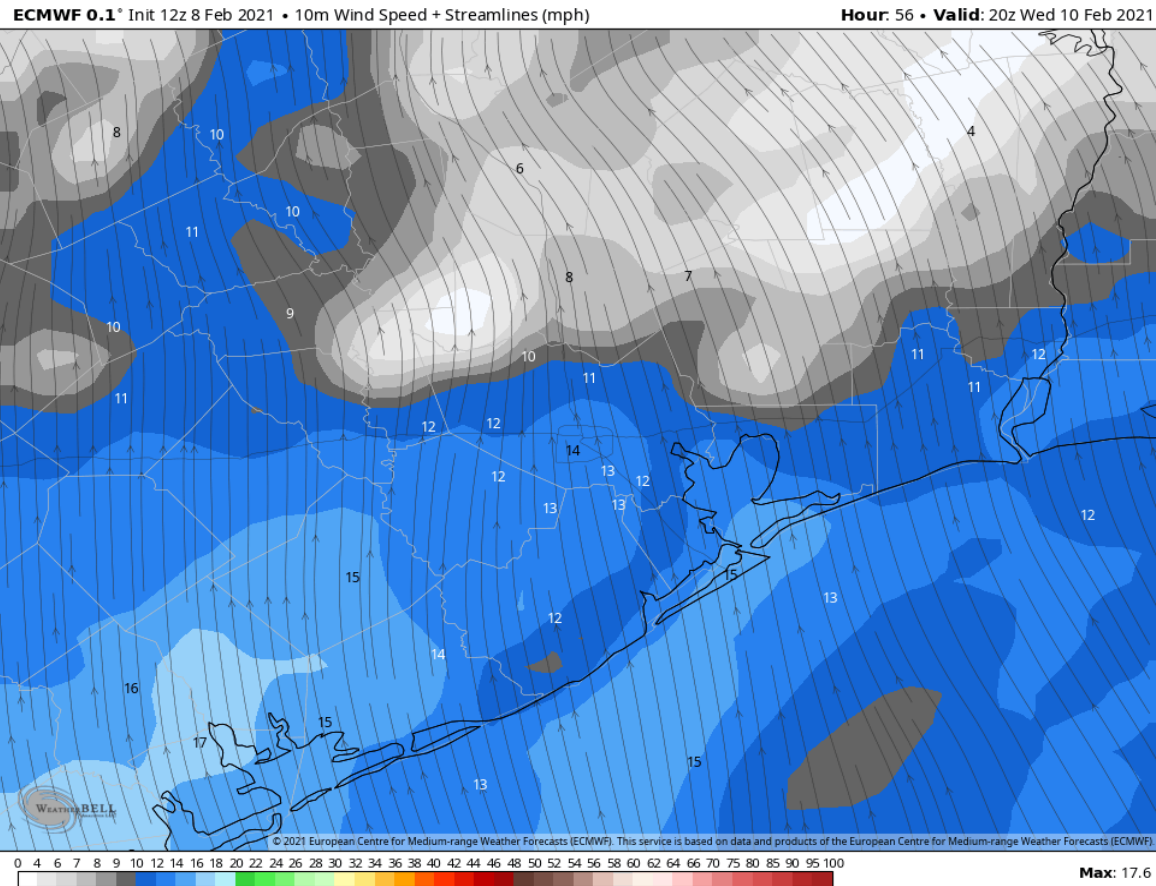


Short-Term Forecast Discussion

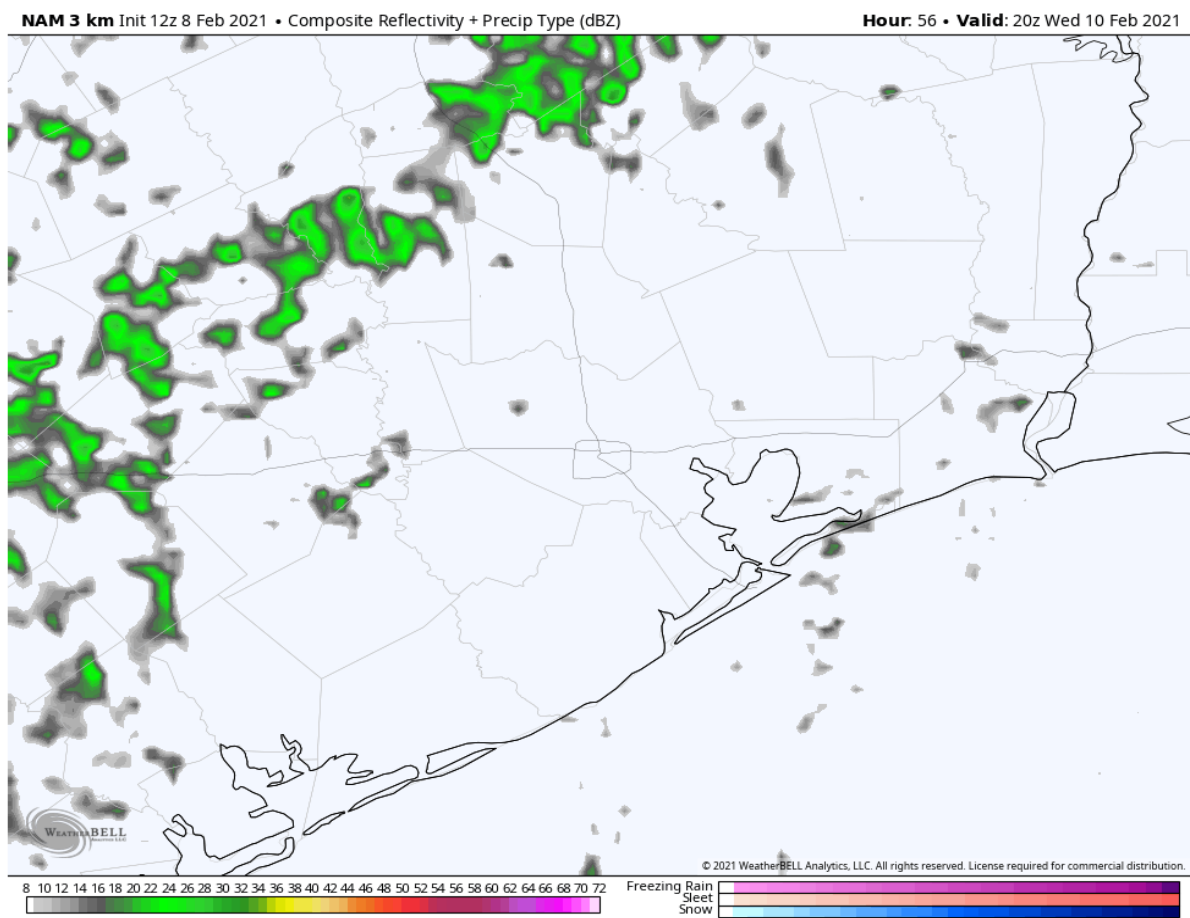
- Similar to the first 2 days of the week, right now favoring the AM hours to be on the drier side of things, with a slight sprinkle/shower chance possible into the PM hours.
- Winds look to increase on Wednesday out of the South, sustained at 8-13 MPH, gusting up to 15-20 MPH at times.
- High temps for our stations look to be sitting in the upper 60s / lower 70s, locally higher inland.
- *Right now we think there's an increased chance for fog risks pre-dawn Wednesday AM, but given uncertainty in the model data, confidence remains on the lower side in terms of the the expansiveness. Check back.*

Wednesday, February 10th, 2021

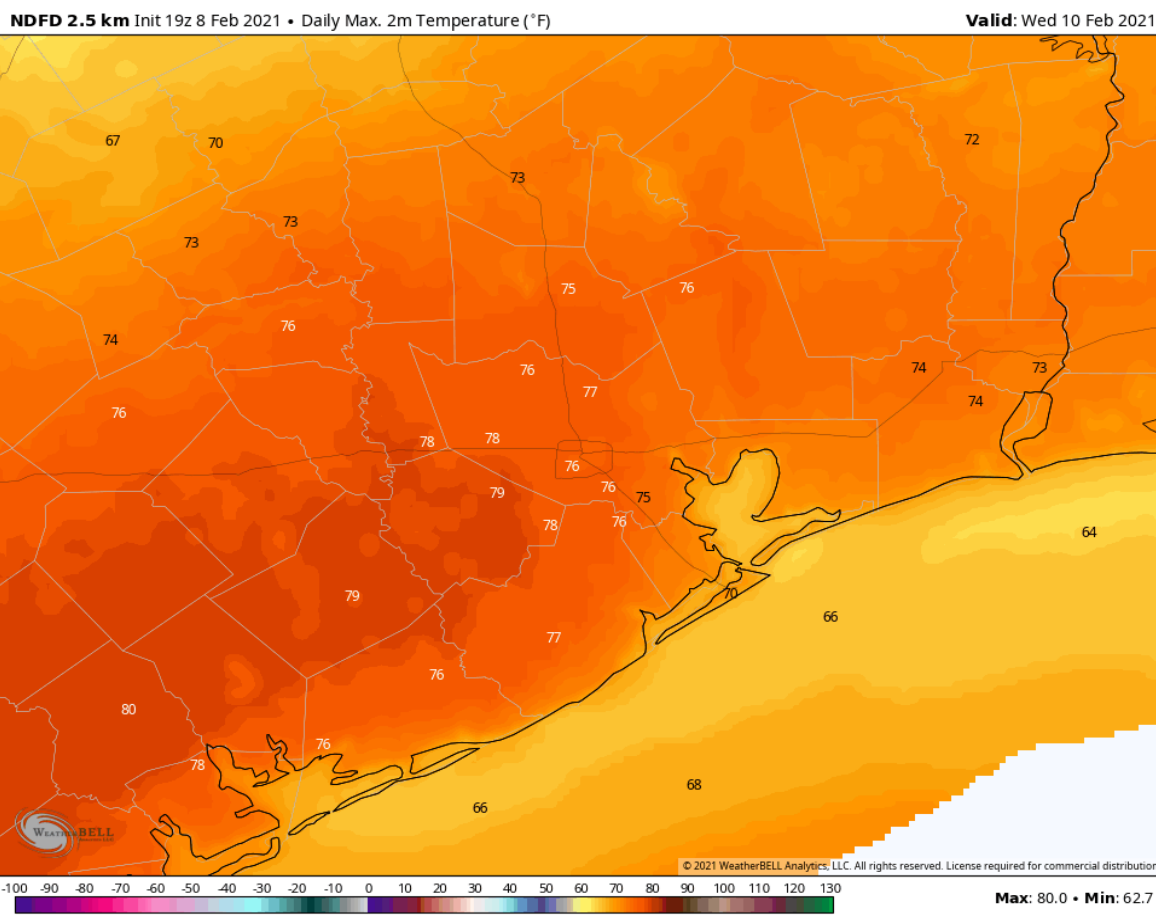
Sustained Winds (2 PM CT)



Simulated Radar Snapshot (2 PM CT)



High Temperatures Wednesday



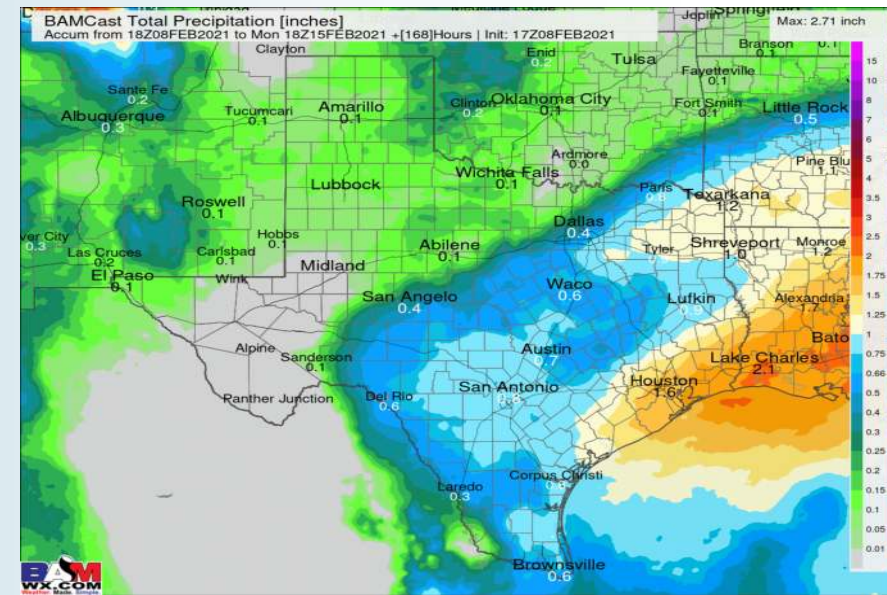
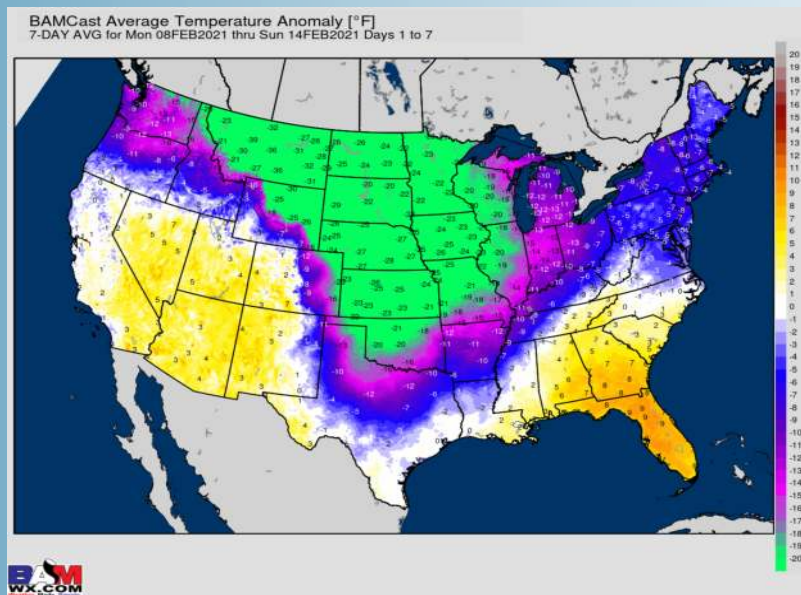
Week 1 Forecast

Long-Range Forecast Discussion

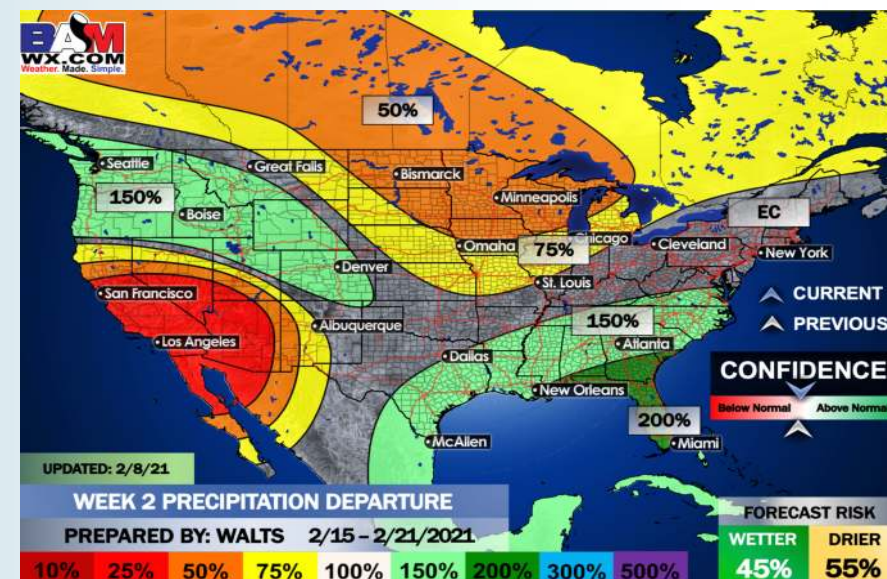
➤ Chances for precipitation look to come back into the picture WED – FRI. Currently targeting THU evening for the best widespread rain chances. Temperatures largely stay above normal this week before a frontal passage THU evening, ushering in colder air into next weekend.

➤ The pattern turns much colder than normal for week 2 here...with a bit more influential jet stream we think the pattern can continue to grow wetter vs normal.

➤ “Normal” conditions regarding temps vs normal look in store for the 2nd half of February to early March...we think precipitation may still stay on the active side of things.



Week 2 Forecast



Weeks 3/4 Forecast

