

Updated: 5:30 AM CT Wednesday, February 10, 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

Wednesday, February 10, 2021

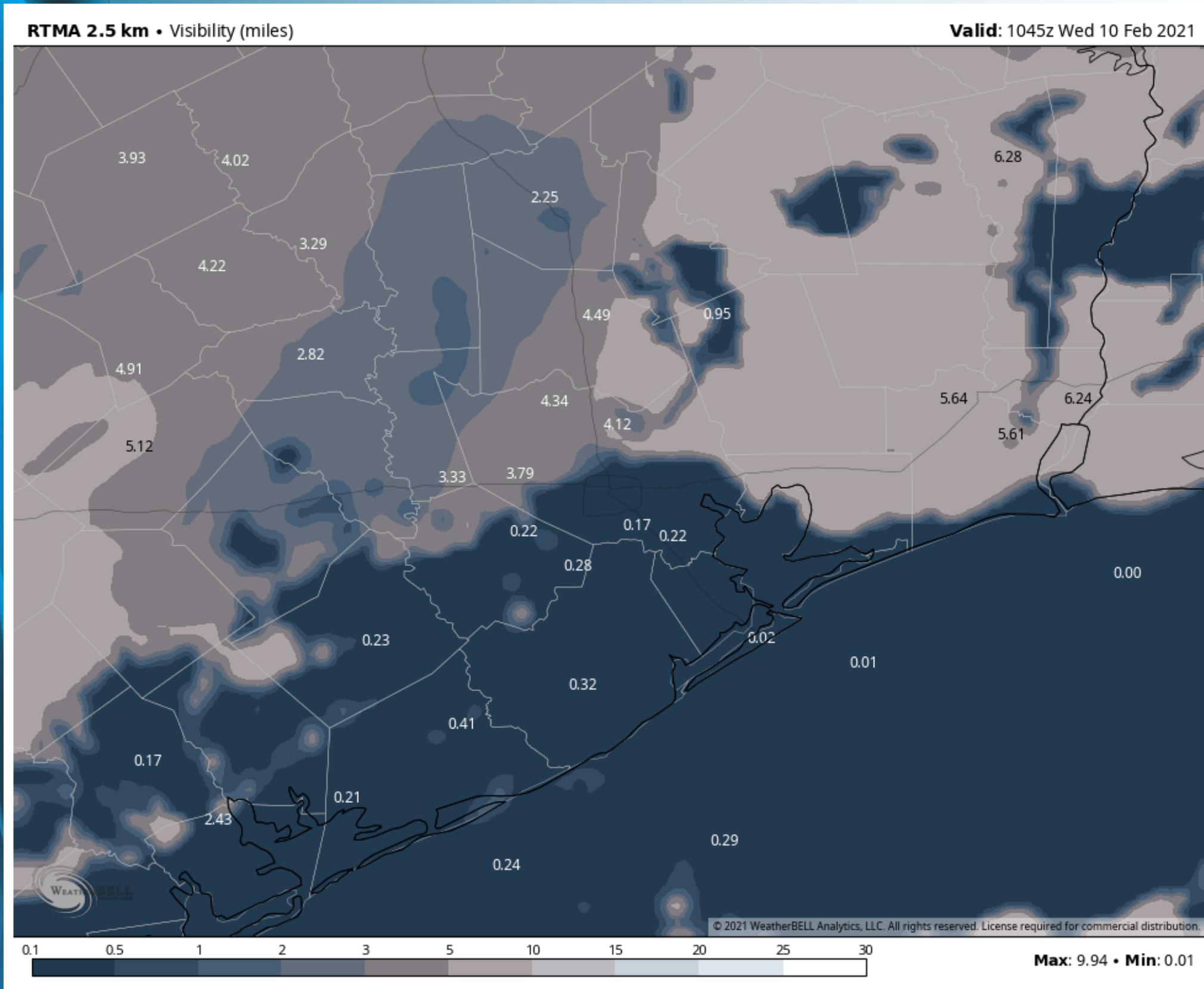
HOURLY VISIBILITY BREAKDOWN (in miles)

Time	02-10-2021 Wed 4am	02-10-2021 Wed 5am	02-10-2021 Wed 6am	02-10-2021 Wed 7am	02-10-2021 Wed 8am	02-10-2021 Wed 9am	02-10-2021 Wed 10am	02-10-2021 Wed 11am	02-10-2021 Wed 12pm	02-10-2021 Wed 1pm	02-10-2021 Wed 2pm	02-10-2021 Wed 3pm	02-10-2021 Wed 4pm	02-10-2021 Wed 5pm	02-10-2021 Wed 6pm	02-10-2021 Wed 7pm	02-10-2021 Wed 8pm	02-10-2021 Wed 9pm	02-10-2021 Wed 10pm	02-10-2021 Wed 11pm	02-11-2021 Thu 12am	02-11-2021 Thu 1am	02-11-2021 Thu 2am	02-11-2021 Thu 3am	02-11-2021 Thu 4am	02-11-2021 Thu 5am	02-11-2021 Thu 6am	02-11-2021 Thu 7am	02-11-2021 Thu 8am	02-11-2021 Thu 9am	02-11-2021 Thu 10am	02-11-2021 Thu 11am	02-11-2021 Thu 12pm	02-11-2021 Thu 1pm	02-11-2021 Thu 2pm	02-11-2021 Thu 3pm				
Houston Pilots A - 1 & 2 Bravo	0.48	0.53	0.24	0.24	0.24	0.24	1.11	0.72	2.24	2.91	1.64	1.08	1.08	0.77	0.53	0.53	0.16	0.16	0.16	0.16	0.54	1.18	1.47	3.58	5.27	5.97	8.03	8.03	8.03	8.03	8.03	8.03	8.03	8.03	8.03	8.03	8.03	8.03	8.03	
Houston Pilots B - 11/12	0.48	0.53	0.24	0.24	0.24	0.24	0.72	0.72	1.86	2.91	3.87	3.55	2.30	0.97	0.53	0.53	0.16	0.16	0.70	1.93	4.80	5.63	5.80	6.41	7.40	5.97	8.03	8.03	8.03	8.03	8.03	8.03	8.03	8.03	8.40	8.03	8.03	8.03	8.03	
Houston Pilots C - 25/26	0.48	0.53	0.24	0.24	0.24	0.24	0.72	0.94	5.94	6.89	7.52	7.72	6.89	4.54	2.91	1.08	0.16	0.34	2.05	4.29	6.27	7.00	7.00	7.00	8.03	5.97	8.03	8.03	8.03	8.03	8.03	8.03	8.03	8.32	8.99	8.03	8.58	8.58	8.58	8.58
Houston Pilots D - 37/38	0.48	0.53	0.34	0.24	0.24	0.24	1.11	1.11	1.08	1.08	1.64	4.36	6.47	4.22	2.91	1.08	0.23	1.48	4.67	6.21	7.11	8.03	8.03	5.97	8.03	5.74	8.03	8.03	8.03	8.03	8.03	8.03	8.03	8.99	8.99	8.13	8.99	8.99	8.99	
Houston Pilots E - 51/52	0.48	0.53	0.48	0.24	0.24	0.24	1.11	1.11	1.08	1.08	1.64	1.31	5.94	4.07	2.91	1.19	1.33	4.56	7.11	8.03	8.03	8.03	8.03	6.08	8.03	4.90	8.03	8.03	8.03	8.03	8.03	8.03	8.99	8.99	8.99	8.99	8.99	8.99	8.99	
Houston Pilots F - 63/64	0.72	0.53	0.48	0.24	0.24	0.24	1.11	1.59	1.08	1.08	1.64	1.08	1.64	1.08	0.53	1.08	3.29	6.51	8.03	8.03	8.03	8.03	8.03	7.00	8.03	5.49	7.49	8.03	8.03	8.03	8.03	8.03	8.99	8.99	8.99	8.99	8.99	8.99	8.99	
Houston Pilots G - 75/76	0.72	0.53	0.48	0.24	0.24	0.24	1.11	1.59	1.08	1.08	1.64	1.08	1.64	1.08	0.53	1.08	5.93	7.99	8.03	8.03	8.03	8.03	8.03	7.95	8.03	6.01	6.01	8.03	8.03	8.03	8.03	8.03	8.03	8.99	8.99	8.99	8.99	8.99	8.99	8.99
Houston Pilots H - Morgans Point	1.11	0.53	0.48	0.27	0.24	0.48	1.11	0.83	0.94	1.08	0.94	1.08	1.53	2.67	3.39	3.85	5.95	5.74	5.53	5.13	4.92	4.74	4.63	4.63	4.63	3.72	2.50	4.63	4.63	4.92	5.31	6.27	6.27	6.70	6.70	6.70	7.16	7.16	7.16	7.16
Houston Pilots I - Exxon 3	1.59	0.53	0.48	0.24	0.24	0.48	1.11	0.48	0.53	0.74	0.77	3.95	6.89	6.89	6.89	6.89	4.93	4.93	3.90	2.94	2.47	1.59	1.11	0.72	0.69	0.72	0.72	0.72	0.48	1.59	2.47	2.94	2.94	3.90	3.90	3.90	5.89	5.89	5.89	5.89
Houston Pilots J - Lynchburg Ferries	1.59	0.68	0.48	0.24	0.24	0.48	1.11	0.48	0.53	0.53	0.77	3.95	6.89	6.89	6.89	6.89	5.75	5.75	4.98	4.28	3.93	3.28	2.93	2.78	2.78	2.37	1.80	2.64	2.46	3.28	3.93	4.53	4.53	5.23	5.23	5.23	6.70	6.70	6.70	6.70
Houston Pilots K - Shell Crude	0.87	0.53	0.48	0.24	0.24	0.48	0.48	0.48	0.53	0.77	1.59	3.95	6.89	6.89	6.89	6.89	4.93	4.93	3.90	2.94	2.47	1.59	1.11	0.72	1.02	0.72	1.11	0.72	0.48	1.59	2.47	2.94	2.94	3.90	3.90	3.90	5.89	5.89	5.89	5.89
Houston Pilots L - Greens Bayou	0.72	0.53	0.48	0.24	0.24	0.48	0.48	0.48	0.53	0.77	2.91	4.88	6.89	6.89	6.89	6.89	4.93	4.93	3.90	2.94	2.47	1.59	1.11	0.72	1.11	0.72	1.11	0.72	0.48	1.59	2.47	2.94	2.94	3.90	3.90	3.90	5.89	5.89	5.89	5.89
Houston Pilots M - Kinder 1	0.69	0.53	0.37	0.24	0.24	0.48	0.48	0.72	0.87	0.77	3.06	6.89	6.89	6.89	6.89	5.94	4.93	4.93	3.90	2.94	2.47	1.59	1.11	0.72	1.11	0.72	1.59	1.11	0.48	1.59	2.47	2.94	2.94	3.90	3.90	3.90	5.89	5.89	5.89	5.89
Houston Pilots N - 610 Bridge	0.47	0.53	0.24	0.24	0.24	0.47	0.48	0.73	0.53	0.77	2.91	6.89	6.89	6.89	6.89	5.94	4.93	4.53	3.90	2.94	2.47	1.59	1.11	0.72	0.96	0.72	1.41	0.96	0.48	1.59	2.47	2.94	2.94	3.90	3.90	3.90	5.89	5.89	5.89	5.89

CURRENT VISIBILITY

Wednesday, February 10, 2021

VISIBILITY AS OF 5:15 AM CT

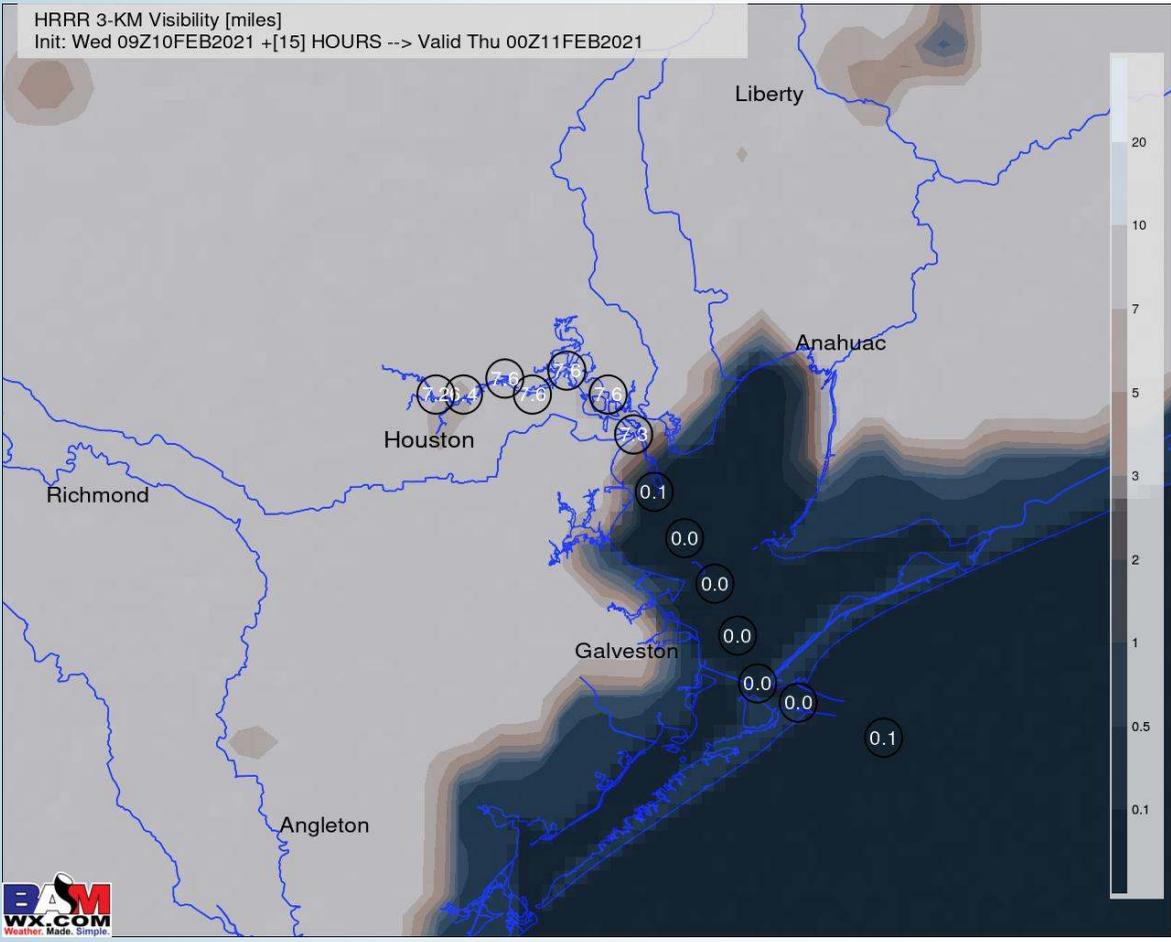
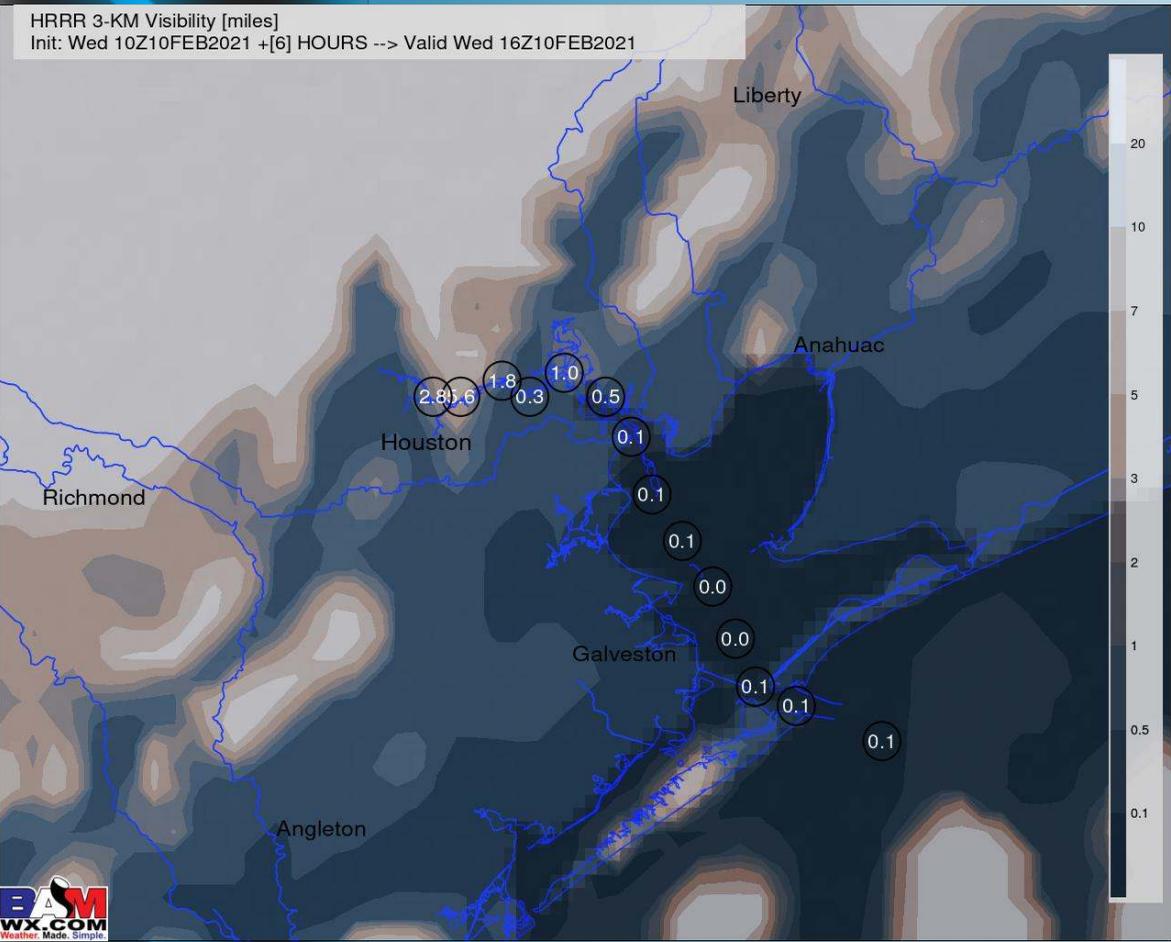


Fog Report

Wednesday, February 10, 2021

VISIBILITY (10 AM CT WED)

VISIBILITY (6 PM WED)



CONFIDENCE

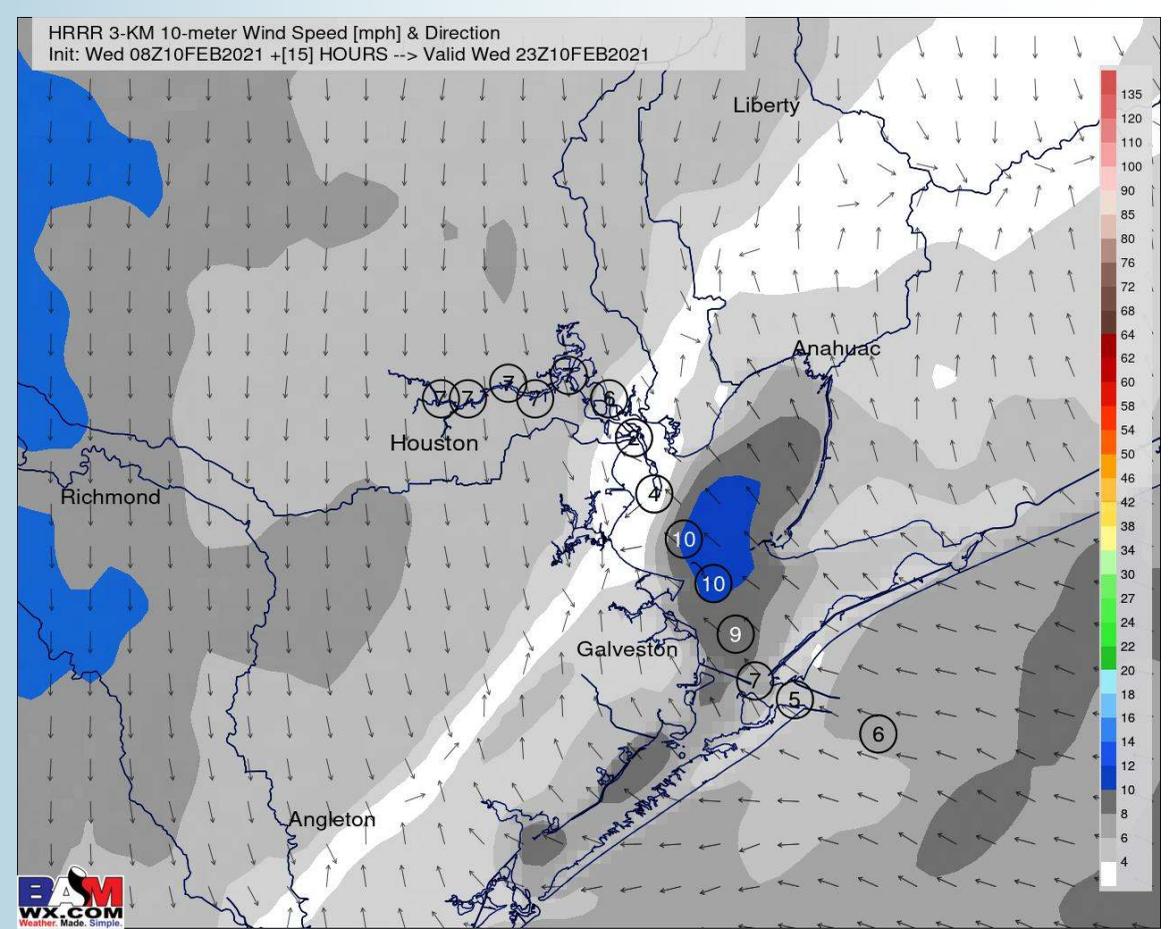
Below Normal	Above Normal
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➤ **Widespread fog looks to continue to persist across the area that we think will continue through the morning hours. By ~11 AM across our stations, we think the fog may not be *as* widespread nor *as* dense with the fog, but still believe fog will be around in more of a scattered nature. Closer to the ~5/6 PM hours, fog from Morgan's Point to the boarding station would likely become more widespread/ dense and continue into the evening hours. Locations North of Morgan's Point look to overall have the lower fog threat as they are the furthest from the Gulf Coast and onshore flow, however this does not mean the threat is 0 given the current conditions.**

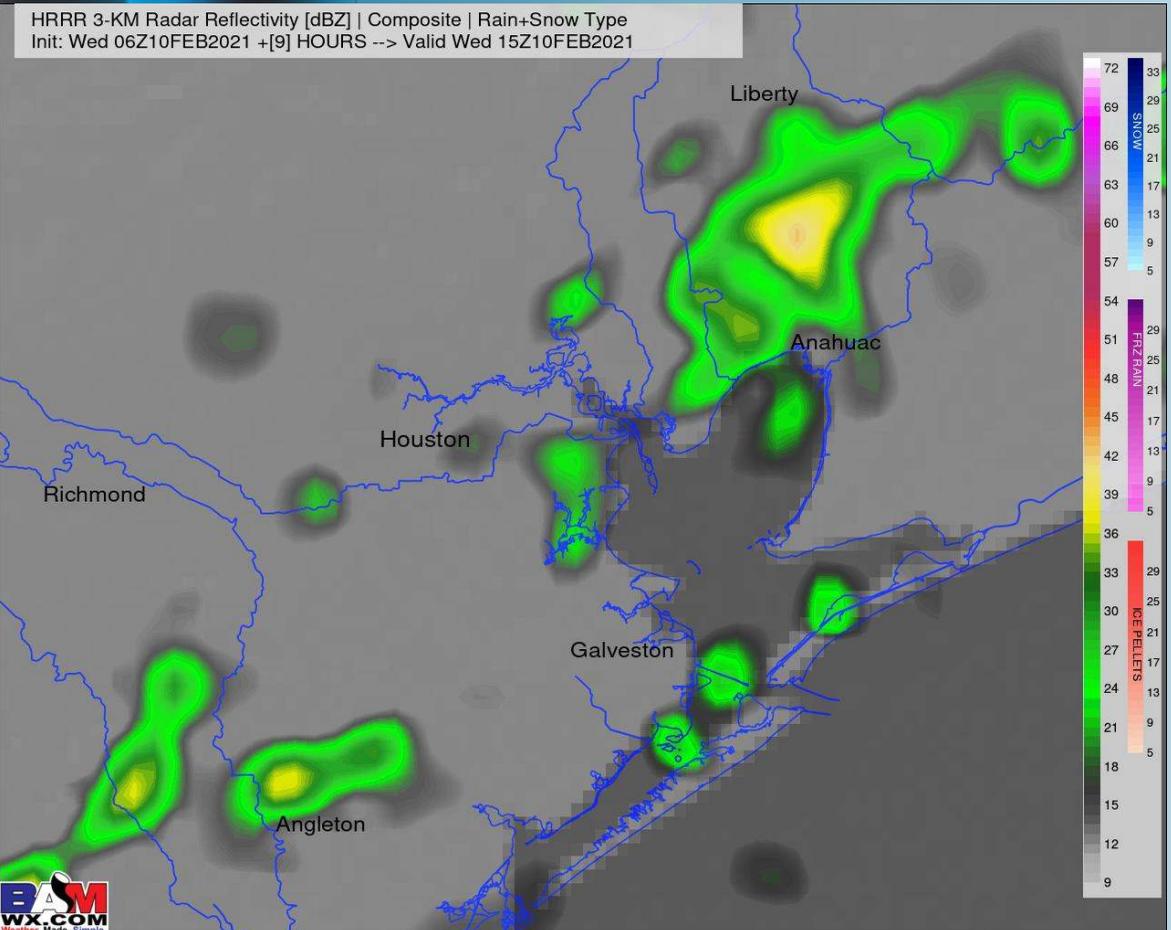
Short-Term Forecast Discussion

- We are eyeing a few different waves today, the first of which is around the area now in a very isolated fashion. Chances for very hit and miss light snow showers will be around out through about the ~Noon timeframe when better forcing for showers moves out of the area. The Noon to ~7 PM window looks drier, but an iso sprinkle can't be eliminated. After ~7 PM we anticipate light shower coverage to work into the area and hang around into Thursday morning. Overall intensity of rain is expected to be on the lighter side. An isolated rumble of thunder cannot be taken off the table this evening.
- With a stalled front sitting at/ N of the Houston metro, winds will come out of the SE at 5-10 MPH, a few gusts 10-15 MPH are possible closer to the boarding station. Winds flip and increase late tonight which is discussed on THU's slide
- High temps for our stations look to be sitting in the mid to upper 60s / near 70F further inland.
- *Please refer to the slide above for latest fog thoughts.*

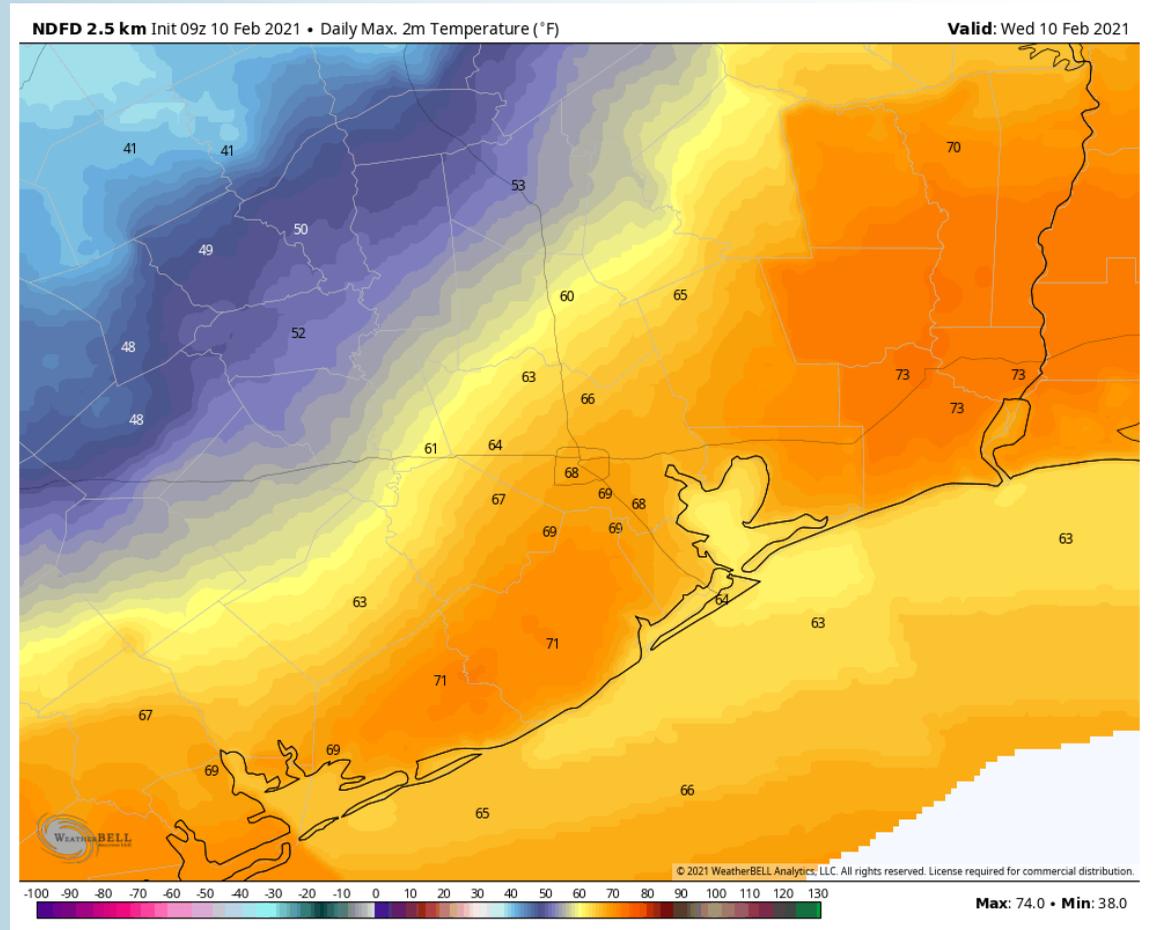
Sustained Winds (5 PM CT)



Simulated Radar Snapshot (9 AM CT)



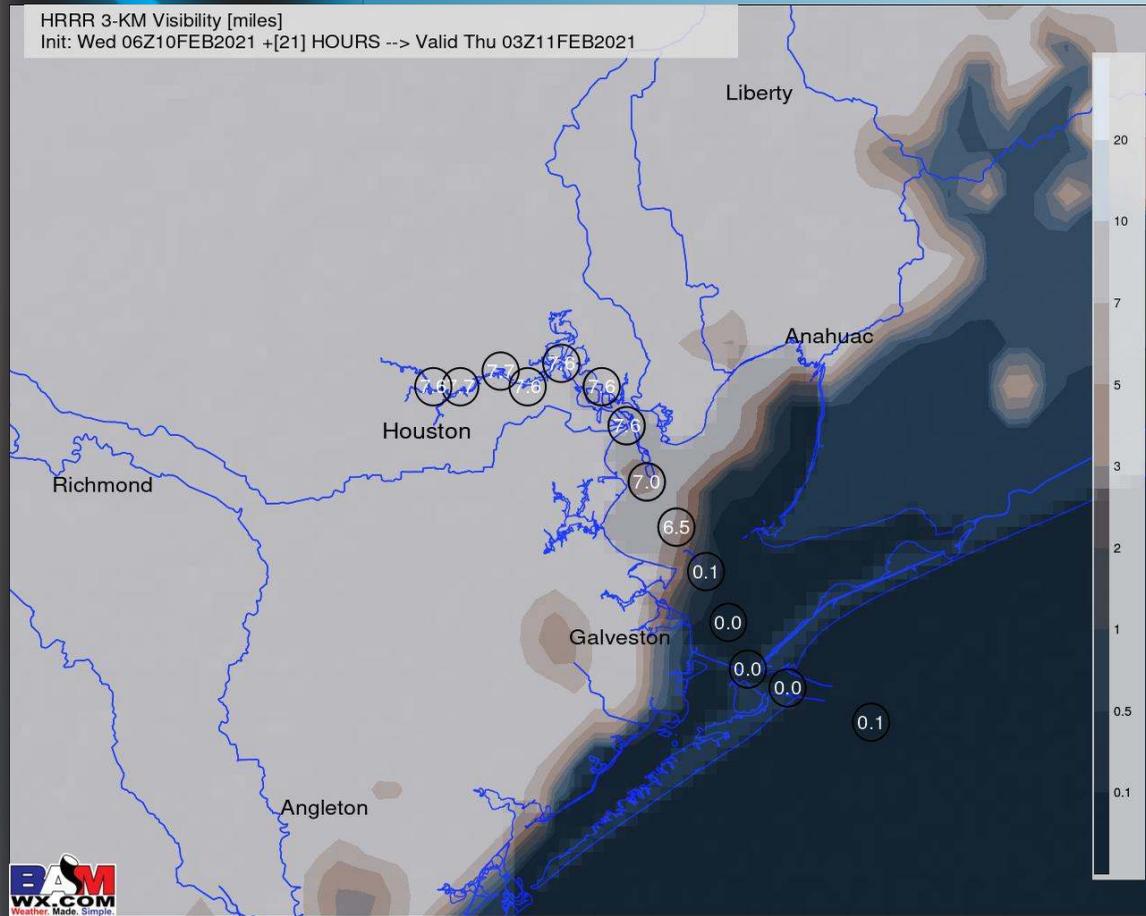
High Temperatures Today



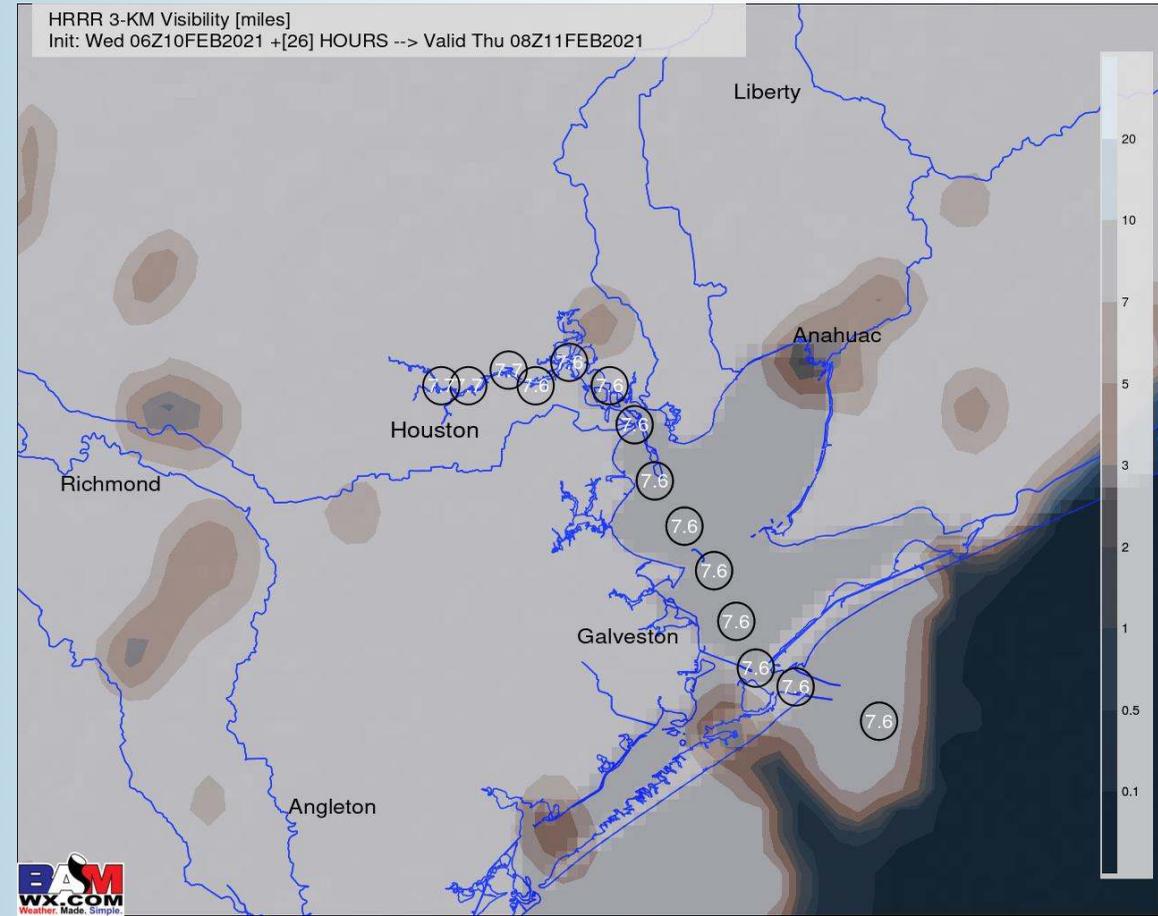
Fog Report

Thursday, February 11, 2021

VISIBILITY (10 PM CT WED)



VISIBILITY (2 AM CT THU)



CONFIDENCE

Below Normal

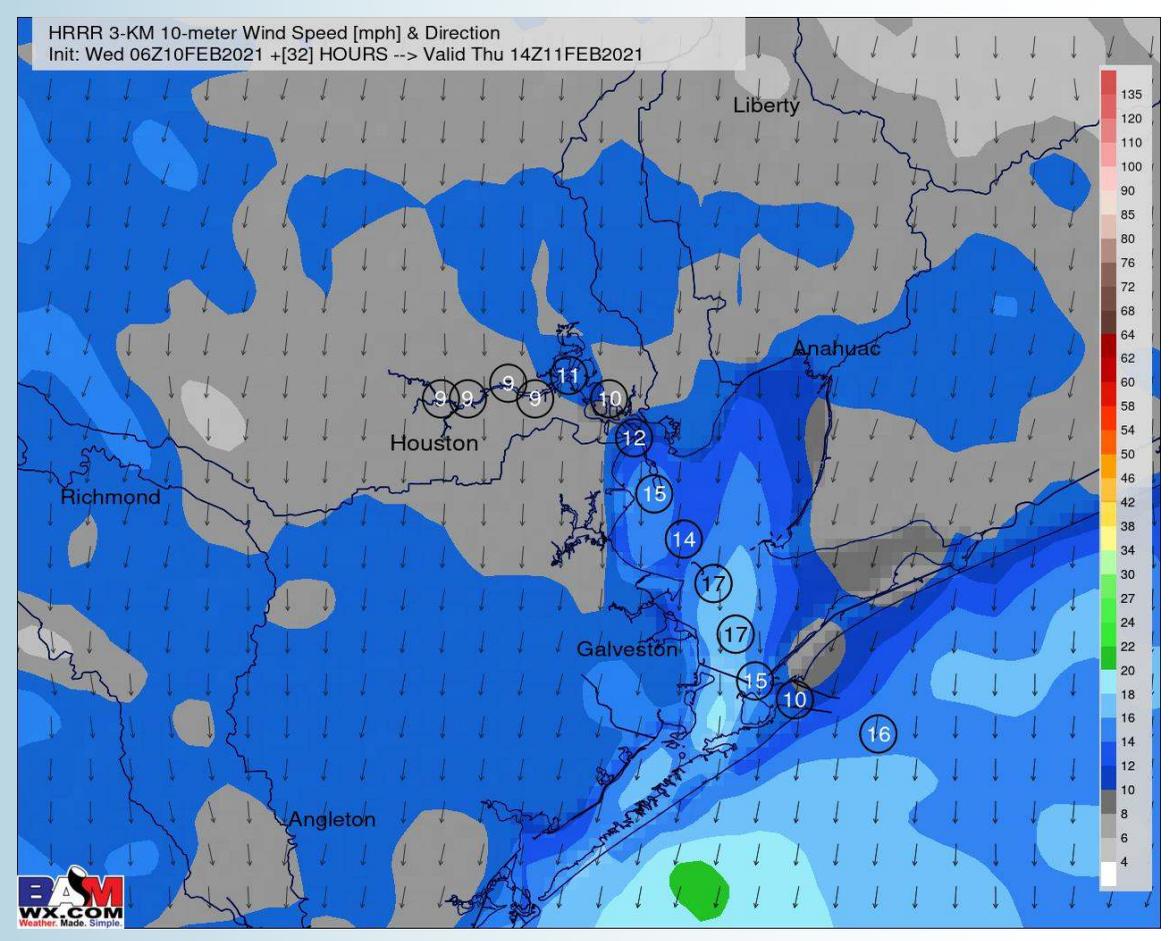
Above Normal

- Late tonight (Wed) into the early morning hours of Thursday is when the cold front looks to work its way off the coast and offshore flow will begin and winds will increase which should allow for a relaxation of fog. Fog looks to wind down from N to S, and at this distance we think fog will work South of Morgan's Point in the 8-10 PM window, closer to 11 PM Wed – 1 AM Thu for the boarding station.
- Into the morning and afternoon hours of Thursday, reduced visibility will still be possible in the form of mist and light rain showers with a low cloud deck. Slightly lower confidence on details going beyond that morning hours of THU that will be refined into the afternoon update.

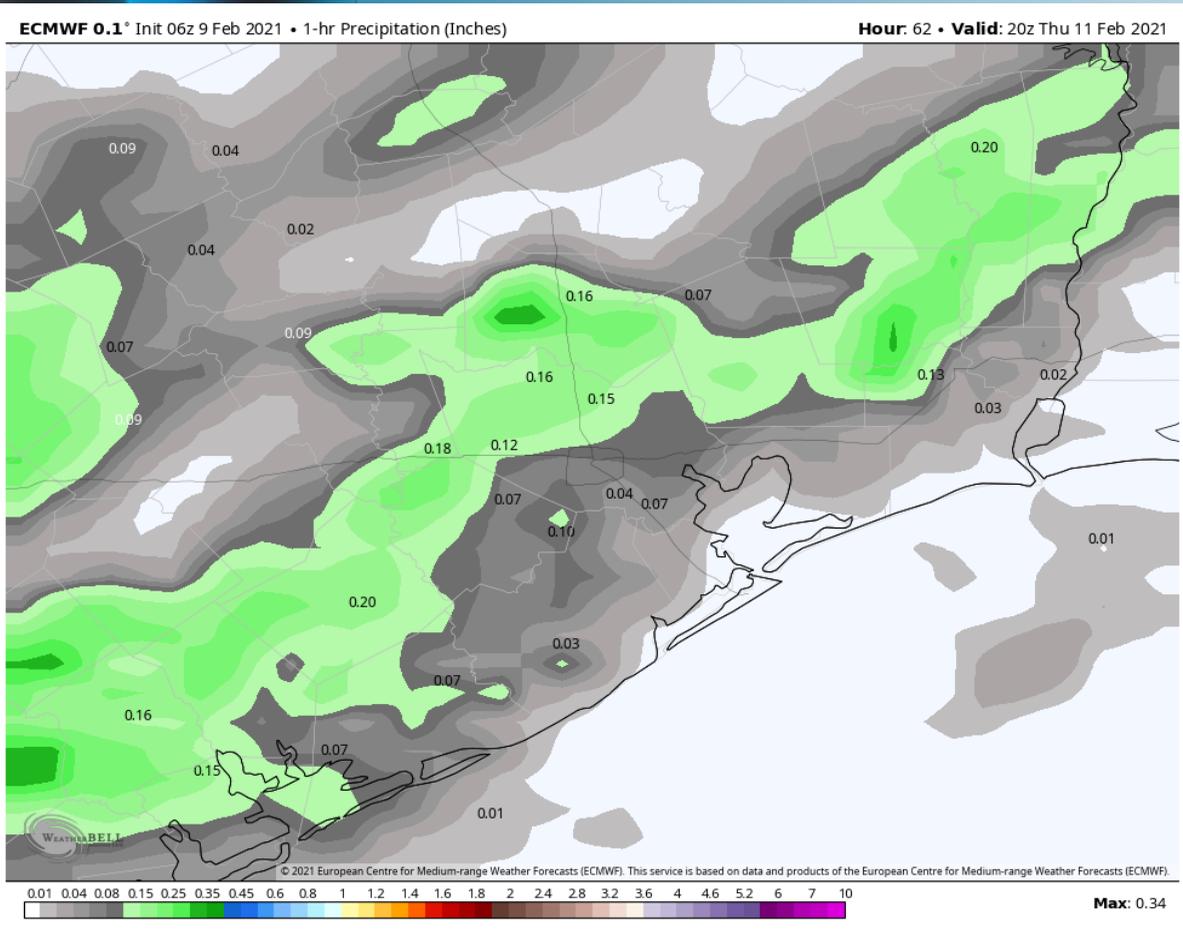
Short-Term Forecast Discussion

- Thursday will feature a day of hit and miss, on and off rain showers with a few isolated rumbles of thunder embedded for all of our stations. One window that looks to hold **slightly** less potential for precip would be the mid AM through early afternoon, however 20-30% chances for rain during this time will still be present. Locally heavier rains look possible late Thursday evening and into the overnight hours.
- Winds look to flip from SE to N with the passing of the front that looks to come between 10 PM today (Wed) and 12 AM Thu. Winds for Thursday will then continue coming out of the N at 10-15 MPH for the boarding station with gusts 15-20 MPH. Late Thursday evening (~8 PM and beyond), winds will then increase to 10-20 MPH with gusts 20-30 MPH.
- High temps for our stations look to be sitting in the mid to upper 60s.
 - *Check the slide above for latest fog forecast*

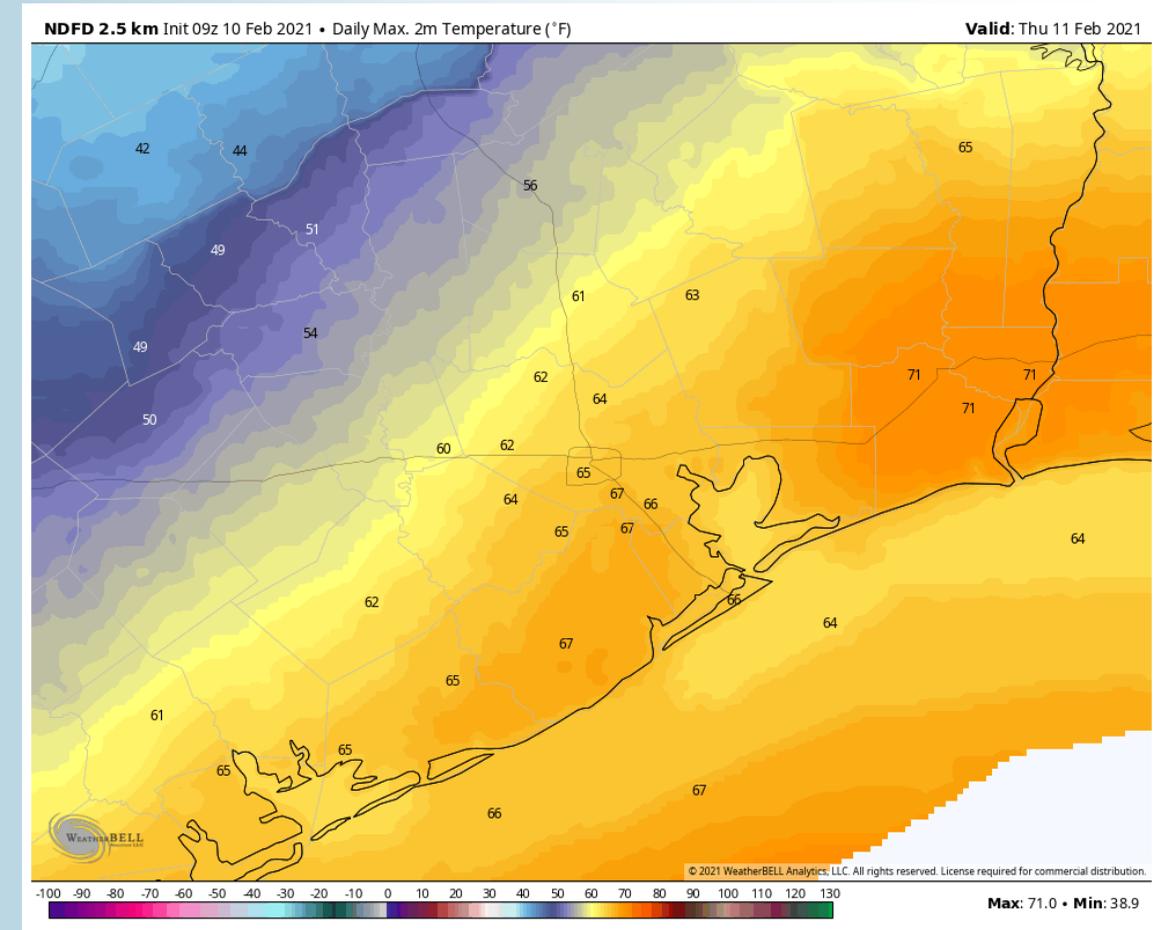
Sustained Winds (8 AM CT)



Simulated Radar Snapshot (2 PM CT)



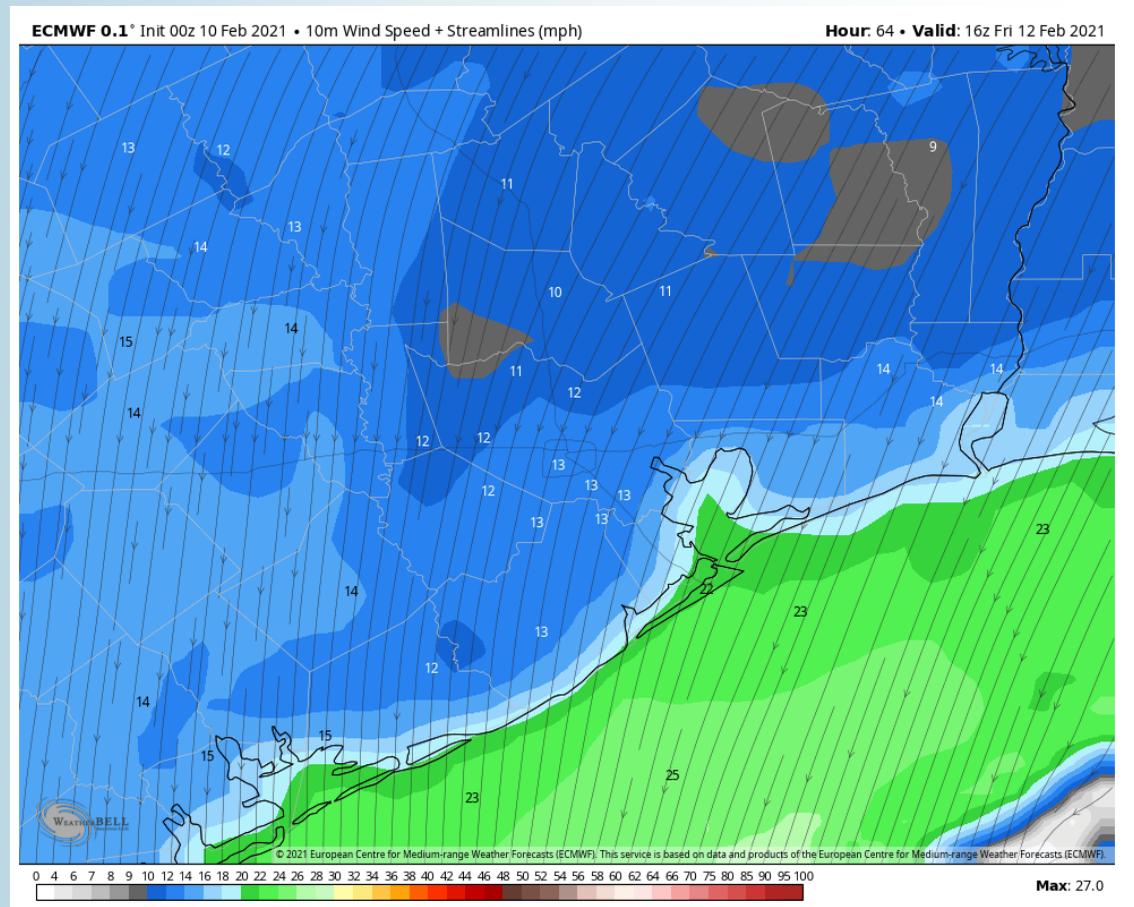
High Temperatures Thursday



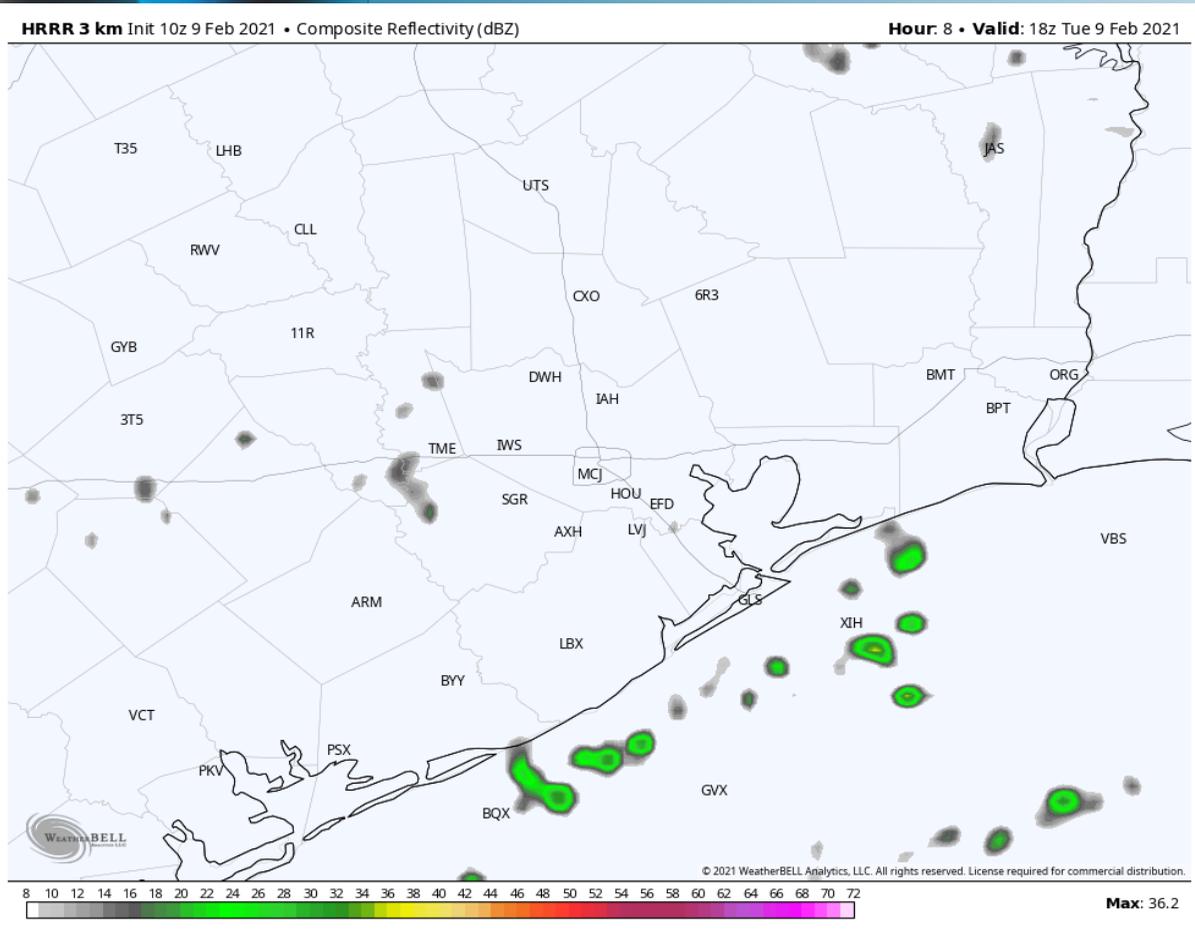
Short-Term Forecast Discussion

- Friday will be another day of scattered showers across the area. At this distance, the better chances for heavier and more persistent showers look to come in the morning hours vs the afternoon. An isolated rumble of thunder cannot be ruled out
- Winds on Friday will continue coming out of the N/NE on Friday and rather strong. Sustained winds at the boarding station will likely be 10-20 MPH with gusts of 20-30 MPH. An iso gust to 35 MPH at this distance looks possible at the boarding station.
- High temps on Friday will be much cooler with the passing of our front, likely only reaching the mid 50s.
- *Based on the NE winds coming off the land and being rather strong, fog is not favored for Friday.*

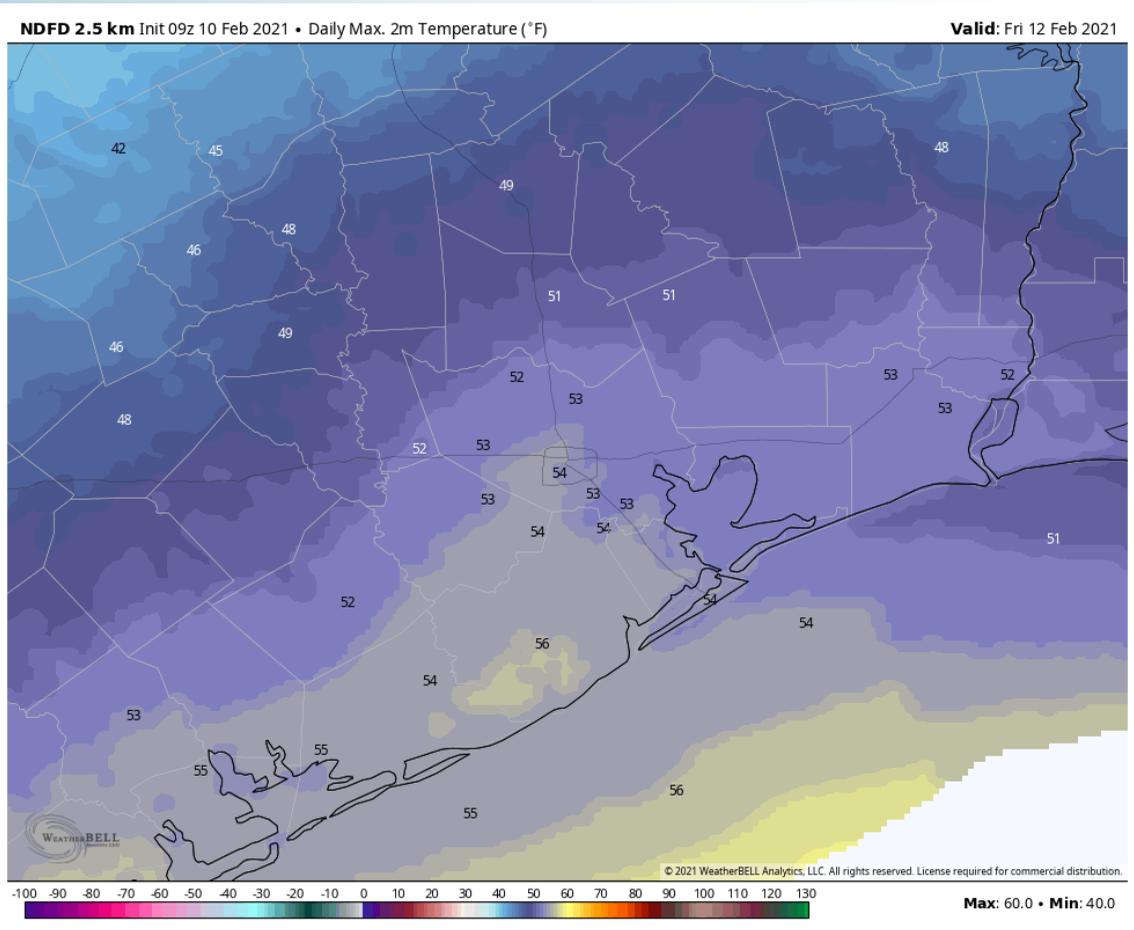
Sustained Winds (10 AM CT)



Simulated Radar Snapshot (12 PM CT)



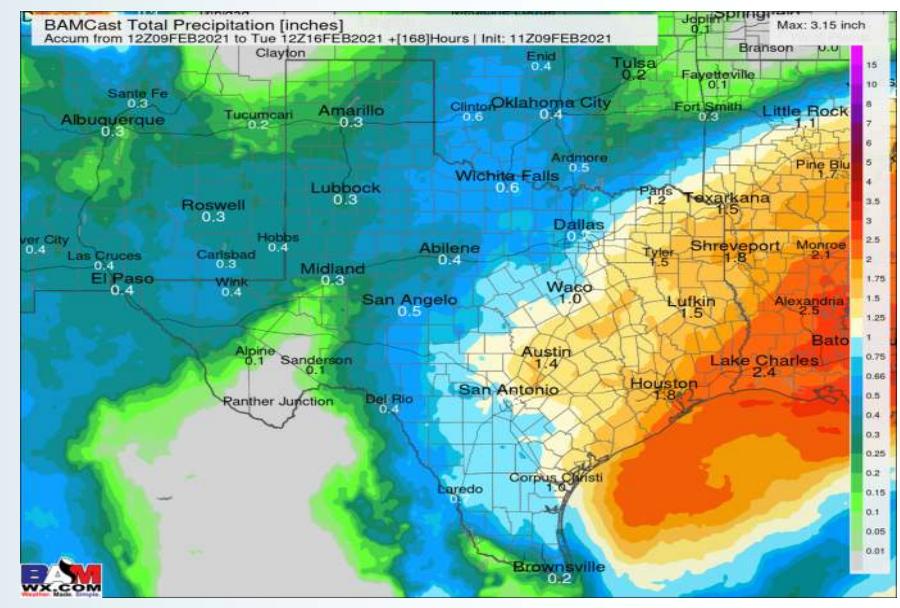
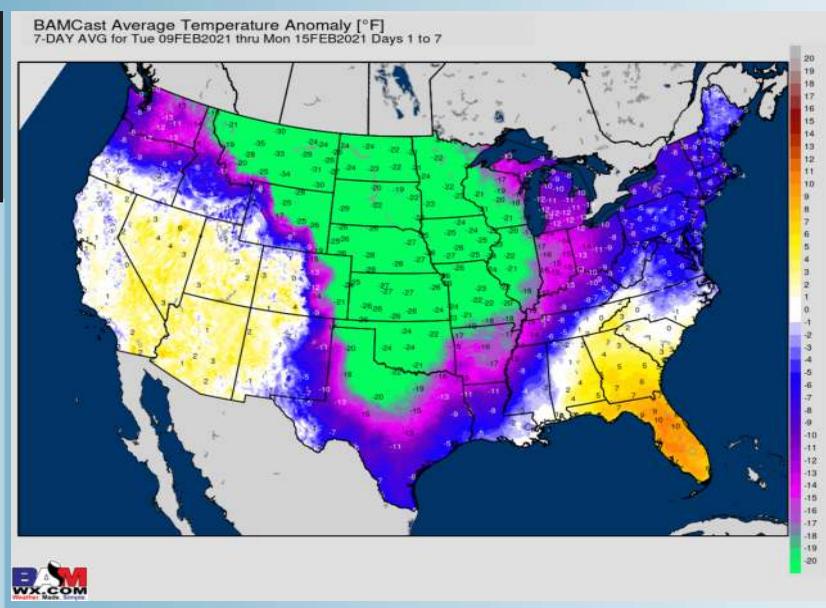
High Temperatures Friday



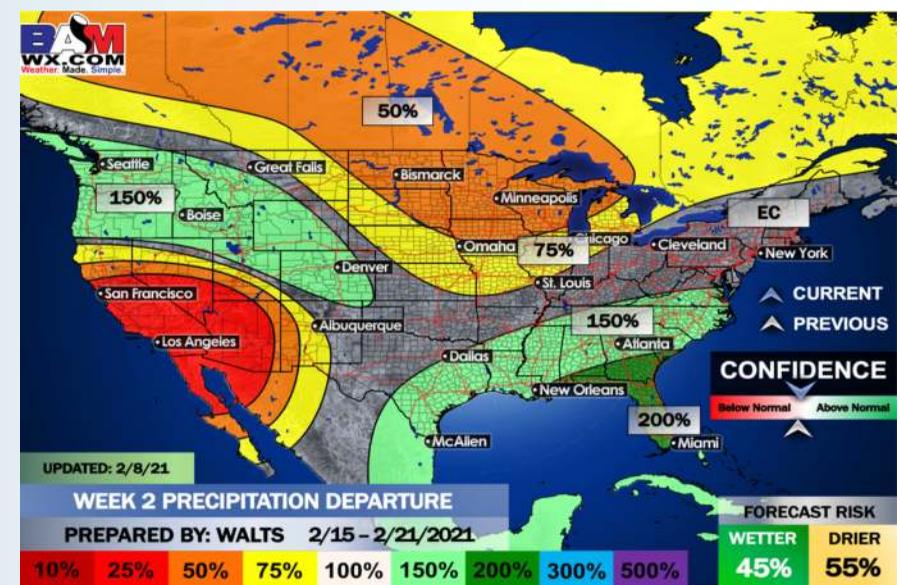
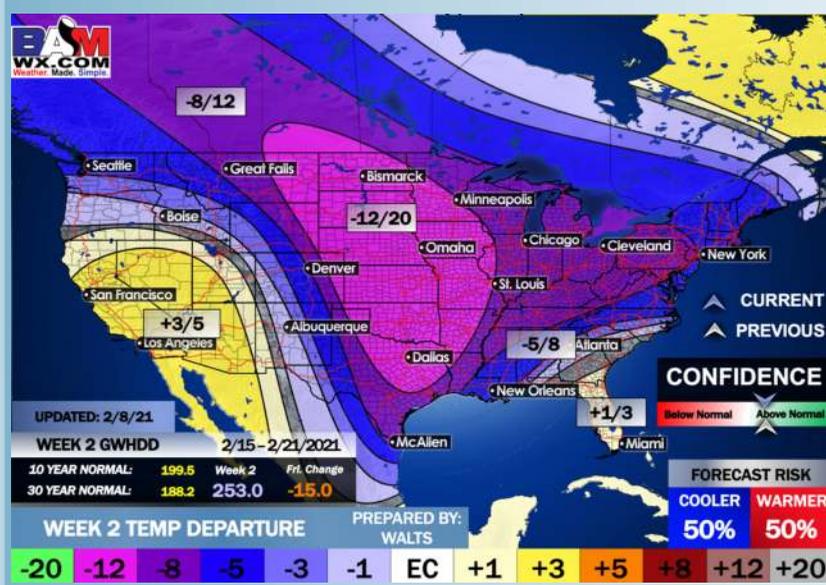
Long-Range Forecast Discussion

- Chances for precipitation will be around today – FRI. Currently targeting THU evening for the best widespread rain chances. Our frontal passage will, usher in much 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 1 Forecast



Week 2 Forecast



Weeks 3/4 Forecast

