

Updated: 5:00 AM CT, Tuesday, March 23, 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

Tuesday, March 23, 2021

HOURLY VISIBILITY BREAKDOWN (in miles)

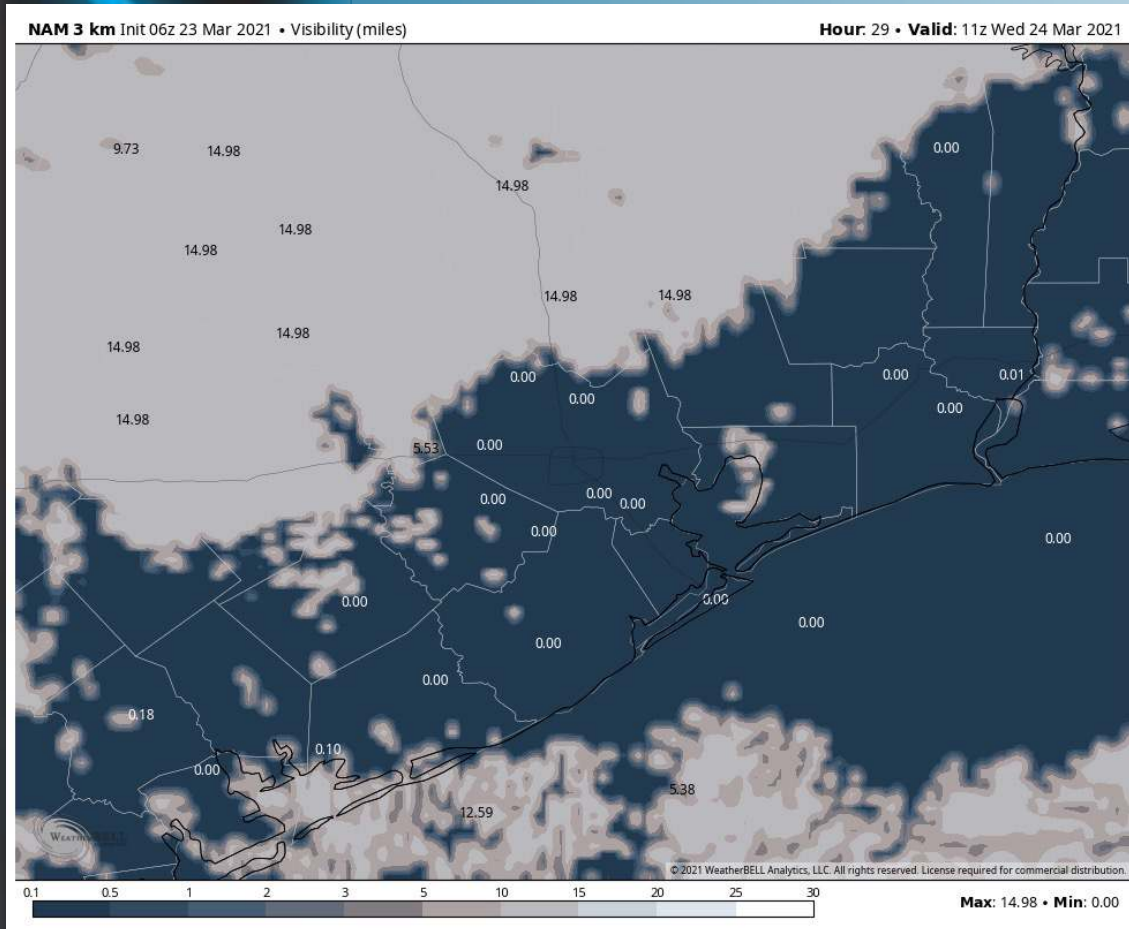
Time	03-23-2021 Tue 3am	03-23-2021 Tue 4am	03-23-2021 Tue 5am	03-23-2021 Tue 6am	03-23-2021 Tue 7am	03-23-2021 Tue 8am	03-23-2021 Tue 9am	03-23-2021 Tue 10am	03-23-2021 Tue 11am	03-23-2021 Tue 12pm	03-23-2021 Tue 1pm	03-23-2021 Tue 2pm	03-23-2021 Tue 3pm	03-23-2021 Tue 4pm	03-23-2021 Tue 5pm	03-23-2021 Tue 6pm	03-23-2021 Tue 7pm	03-23-2021 Tue 8pm	03-23-2021 Tue 9pm	03-23-2021 Tue 10pm	03-23-2021 Tue 11pm	03-24-2021 Wed 12am	03-24-2021 Wed 1am	03-24-2021 Wed 2am	03-24-2021 Wed 3am	03-24-2021 Wed 4am	03-24-2021 Wed 5am	03-24-2021 Wed 6am	03-24-2021 Wed 7am	03-24-2021 Wed 8am	03-24-2021 Wed 9am	03-24-2021 Wed 10am	03-24-2021 Wed 11am	03-24-2021 Wed 12pm	03-24-2021 Wed 1pm	03-24-2021 Wed 2pm		
Houston Pilots N - 610 Bridge	9.974	9.592	8.500	3.884	8.354	8.213	9.010	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	7.95	7.95	6.95	6.92	4.93	3.90	3.90	2.47	2.47	3.90	5.89	6.92	8.99	10.00		
Houston Pilots M - Kinder 1	9.961	9.369	8.177	3.449	8.257	8.239	9.015	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	7.95	7.95	7.56	6.92	4.93	3.90	3.90	2.47	2.47	3.90	5.89	6.92	8.99	10.00		
Houston Pilots L - Greens Bayou	9.761	9.122	7.701	2.850	7.945	8.291	9.026	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	7.95	7.95	6.92	6.92	4.93	3.90	3.90	2.47	2.47	3.90	5.89	6.92	8.99	10.00		
Houston Pilots K - Shell Crude	9.752	8.737	8.140	1.928	7.606	8.428	9.080	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	7.95	7.95	6.92	6.92	4.93	3.90	3.90	2.47	2.47	3.90	5.89	6.92	8.99	10.00		
Houston Pilots J - Lynchburg Ferries	9.325	8.381	7.963	1.701	6.728	8.440	9.074	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	9.81	8.76	8.76	7.74	5.93	5.91	5.15	5.15	3.68	2.92	2.92	1.86	2.24	3.29	6.18	7.21	8.74	9.15		
Houston Pilots I - Exxon 3	8.979	7.337	8.208	3.997	6.005	8.676	9.176	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	7.95	7.66	6.92	6.92	4.93	3.90	3.90	2.47	2.47	3.90	5.89	6.92	8.41	8.99		
Houston Pilots H - Morgans Point	8.561	7.191	7.726	6.265	5.271	8.982	9.255	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	9.49	8.30	5.08	4.73	4.13	3.67	3.20	3.20	3.20	2.31	1.84	1.84	1.20	1.20	2.02	4.96	5.87	6.45	6.36		
Houston Pilots G - 75/76	8.241	7.859	7.831	5.359	5.695	9.229	8.935	9.455	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	7.99	3.83	0.24	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.19	0.46	2.03	2.03	2.31	2.24	
Houston Pilots F - 63/64	8.219	8.174	8.113	5.514	6.330	8.914	8.683	9.067	9.362	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	5.54	0.63	0.25	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.80	0.81	1.16	1.16
Houston Pilots E - 51/52	8.276	8.289	8.224	7.093	4.494	7.265	8.399	8.922	9.068	9.418	9.827	10.00	10.00	10.00	10.00	10.00	8.08	4.03	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.00	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.23	
Houston Pilots D - 37/38	8.367	8.405	8.286	7.532	4.222	6.788	8.141	8.709	9.027	9.166	9.689	10.00	10.00	10.00	10.00	10.00	5.55	1.27	0.16	0.16	0.16	0.16	0.07	0.07	0.07	0.16	0.00	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.31		
Houston Pilots C - 25/26	8.393	8.477	8.351	7.865	4.169	6.708	7.910	8.687	9.160	9.530	10.00	10.00	10.00	10.00	10.00	10.00	2.14	0.34	0.16	0.16	0.16	0.16	0.00	0.00	0.00	0.00	0.00	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16		
Houston Pilots B - 11/12	8.382	8.501	8.381	7.785	4.006	4.993	7.765	8.640	9.175	10.00	10.00	10.00	10.00	10.00	10.00	10.00	0.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16		
Houston Pilots A - 1 & 2 Bravo	8.652	8.612	8.356	7.858	4.767	2.239	5.849	7.722	7.893	8.611	9.212	9.562	10.00	10.00	10.00	10.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.16	0.16	0.16	0.16	0.00	0.00	0.16	0.16	0.16		

➤ **Fog/mist will be increasingly likely across a portion of our stations this evening into the overnight...please reference the fog slide below for more information.**

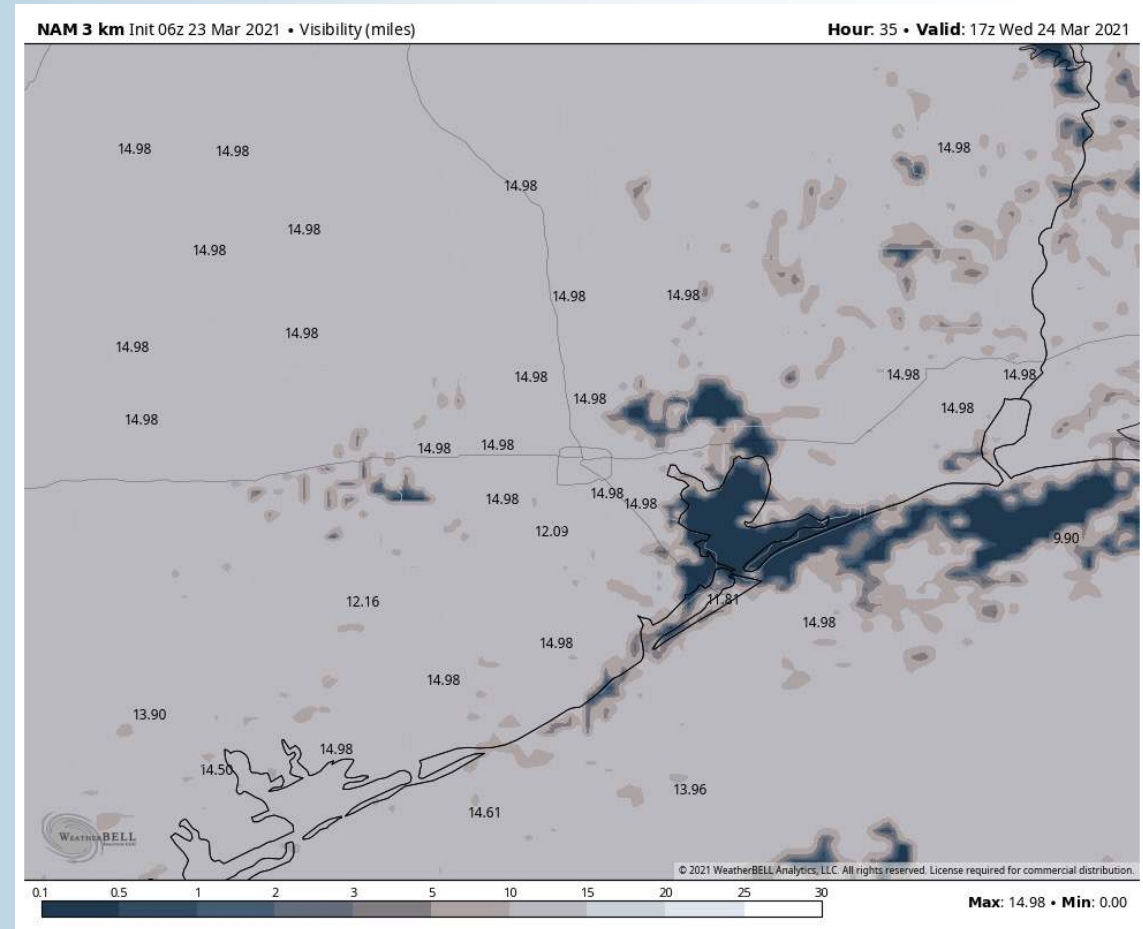
Fog Report

Tuesday, March 23rd, 2021

VISIBILITY (6 AM CT WED)



VISIBILITY (12 PM CT WED)



CONFIDENCE

Below
Normal

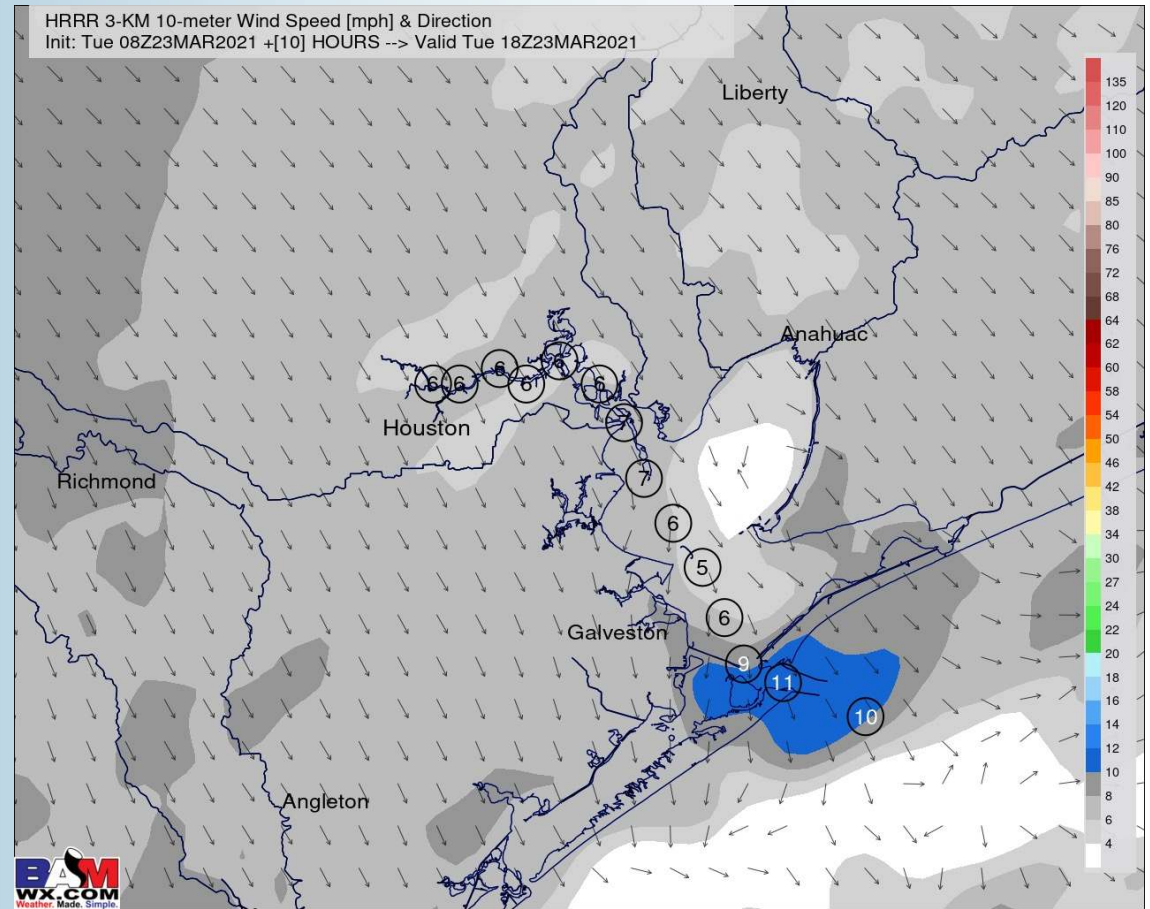
Above
Normal

- ***There's still some subtle disagreements among the high resolution weather forecast models on the extent of the fog / mist risk tonight and the timing that will need fine-tuned this afternoon.***
- ***We think the best risk enters the area by 3-5 AM CT south to north Wednesday, however, we can't rule out this risk starting as early as near midnight.***
- ***The upper-air soundings support this risk not necessarily being straight fog, but at times mist vs fog.***
- ***It seems like right now this risk winds down late morning towards noon on Wednesday.***

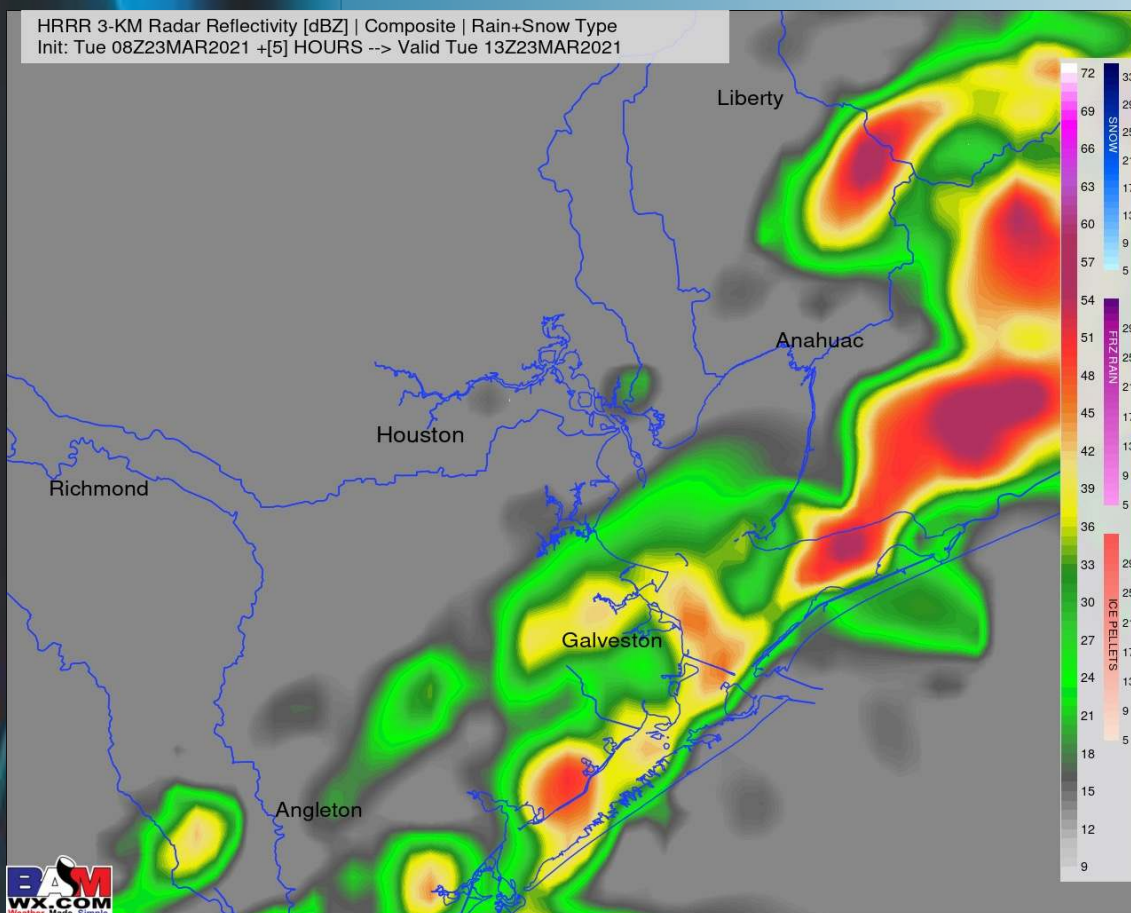
Short-Term Forecast Discussion

- A line of showers and storms will continue to work through the area between 6 – 9 AM CT this morning. A couple of heavier showers with a few storms with lightning will be possible. Locally higher wind gusts within storms are certainly possible.
- Winds will start off the day out of the S/SSE before the boundary of showers and storms passes and allows winds to become more variable into the afternoon. Winds will likely shift out of the W/NW for a time, before trying to turn back from the south over water in the overnight. Winds generally will be 8-13 MPH, with gusts of 15-20 MPH locally higher under AM storms.
- Highs will be sitting in the mid 70s today, warmer inland.
- *Please refer to the fog slide above for fog risks into Wed AM.*

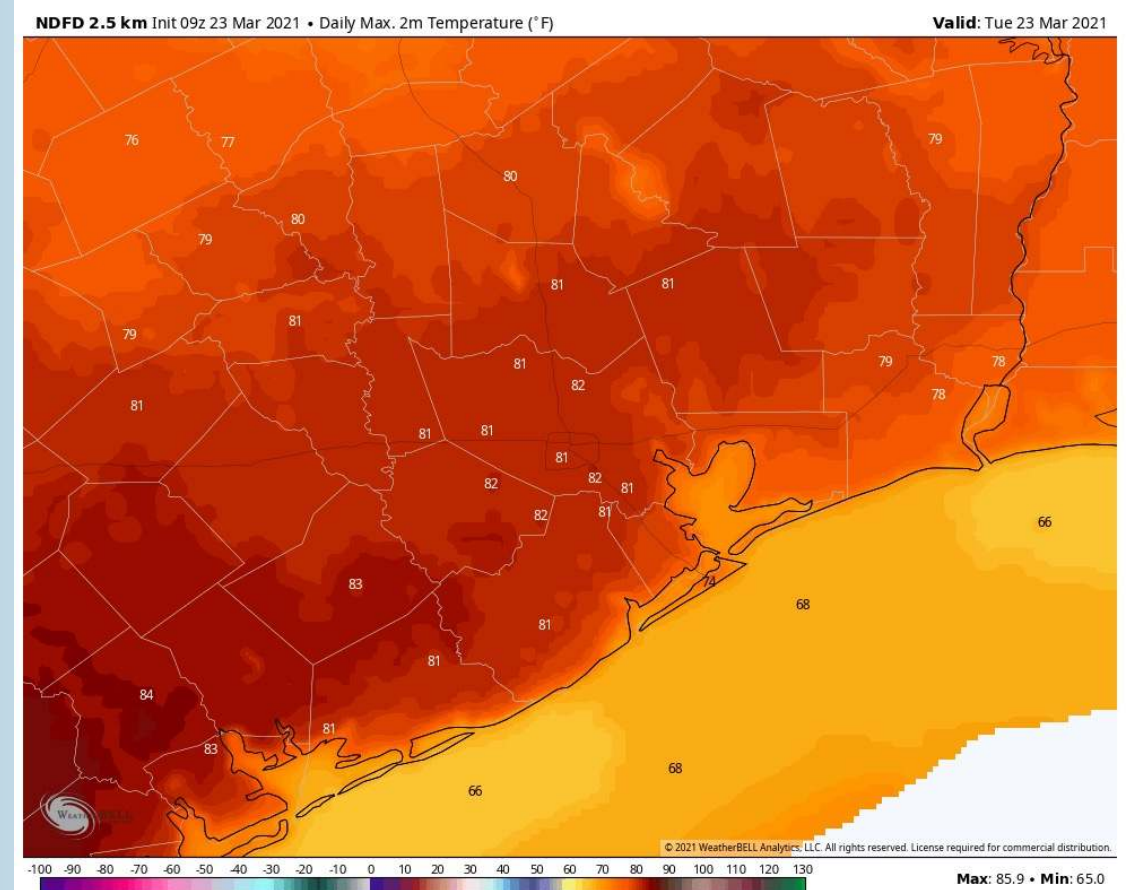
Sustained Winds (1 PM CT)



Simulated Radar Snapshot (8 AM CT)



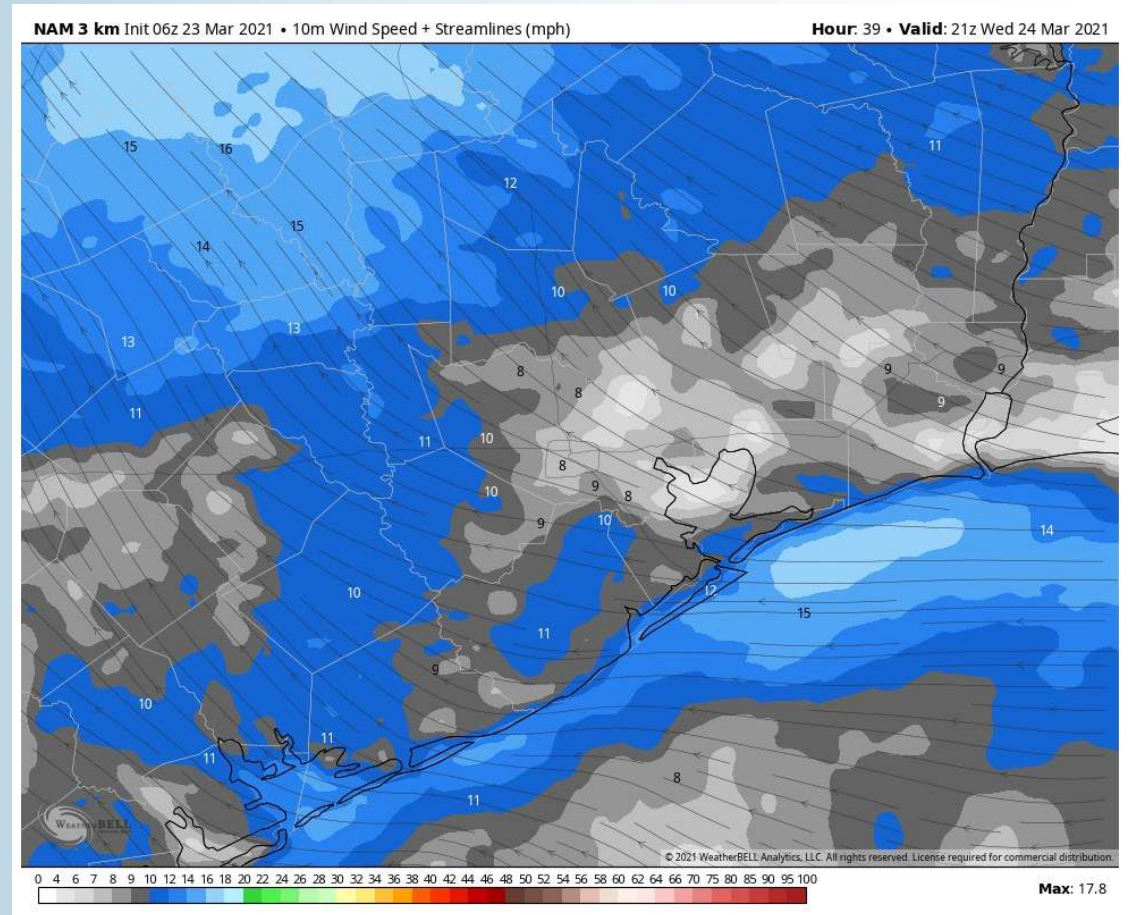
High Temperatures Today



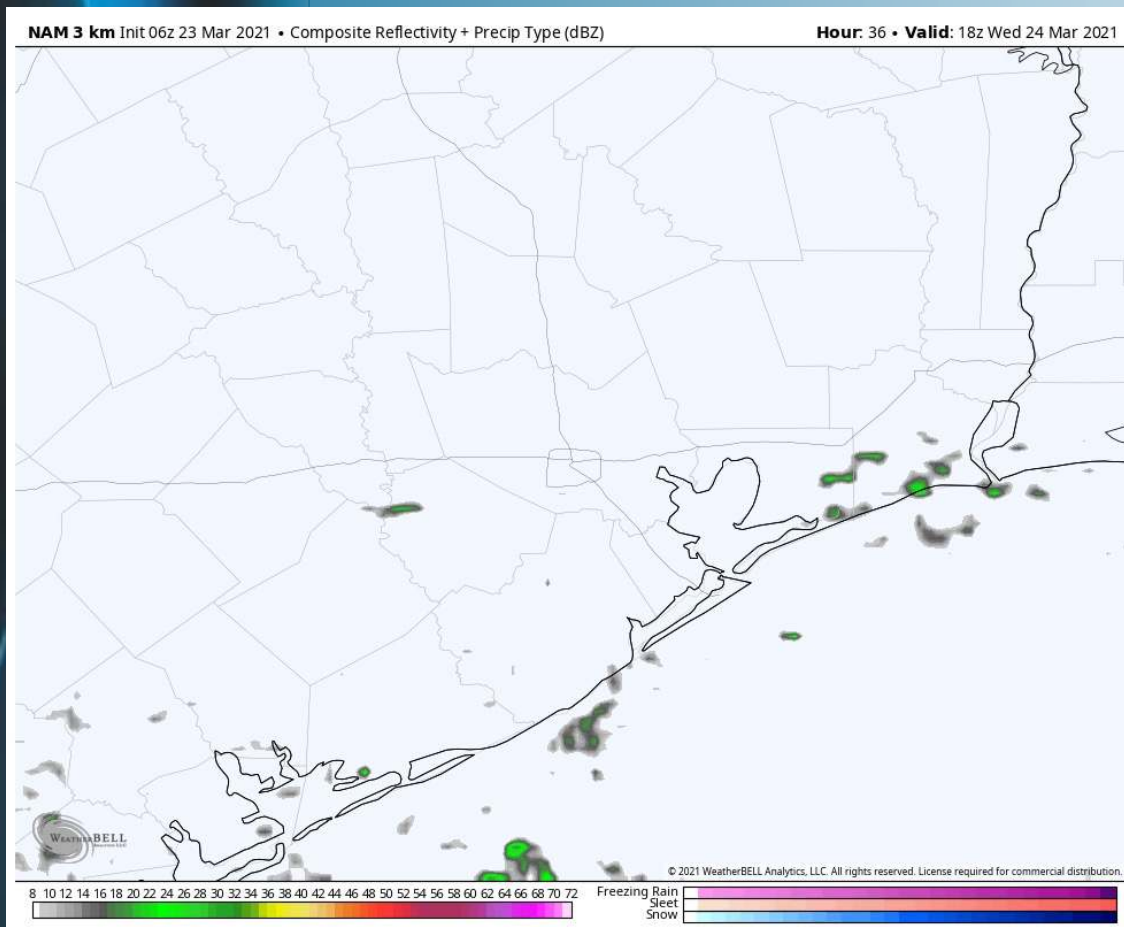
Short-Term Forecast Discussion

- **Scattered showers possible on Wednesday, especially after 12 PM through the evening off and on. Given some instability, an isolated heavier downpour with thunderstorms to the north of the area later in the evening will be possible.**
- **Winds will be forecast out of the ESE on Wednesday overall, sustained at 8-13 MPH, gusting at times up to 15-20 MPH.**
- **Highs will be sitting in the lower 70s Wednesday, warmer inland.**
- ***Right now, not confident in additional fog risks Wednesday night / Thursday morning.***

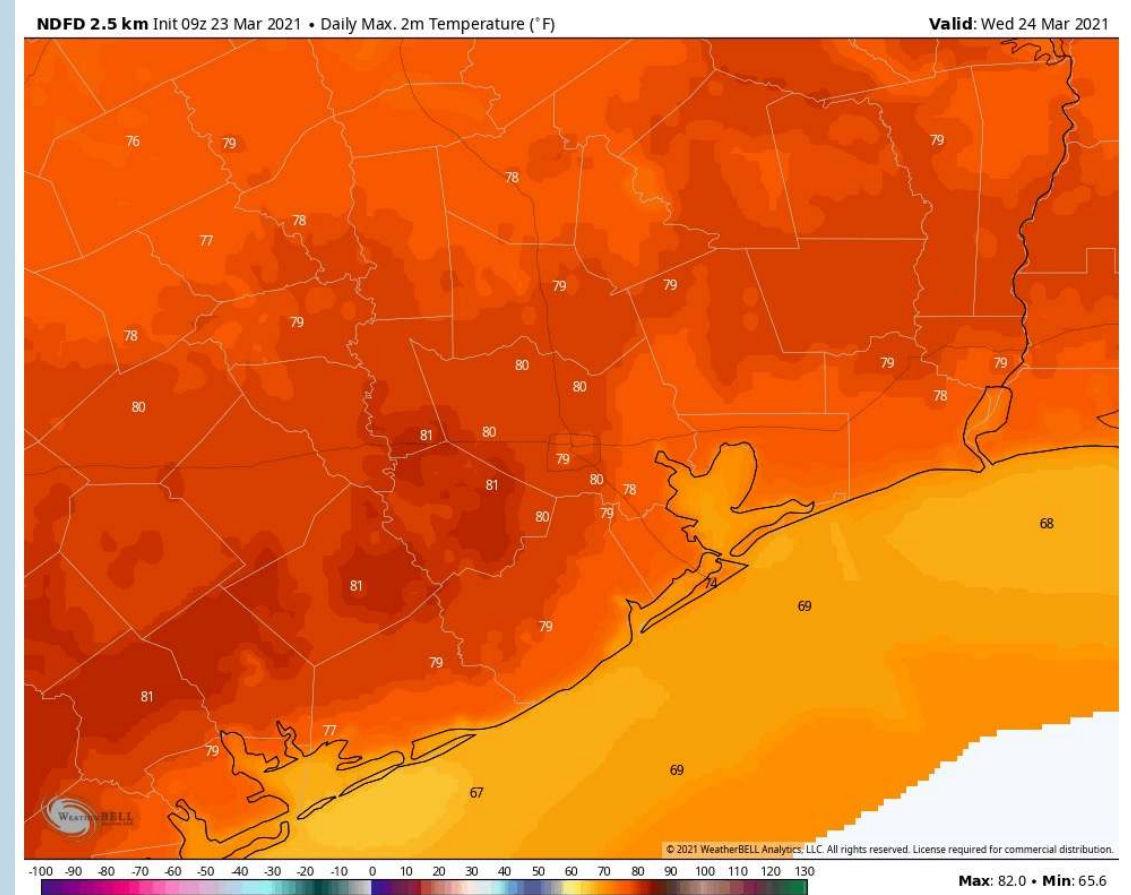
Sustained Winds (4 PM CT)



Simulated Radar Snapshot (1 PM CT)



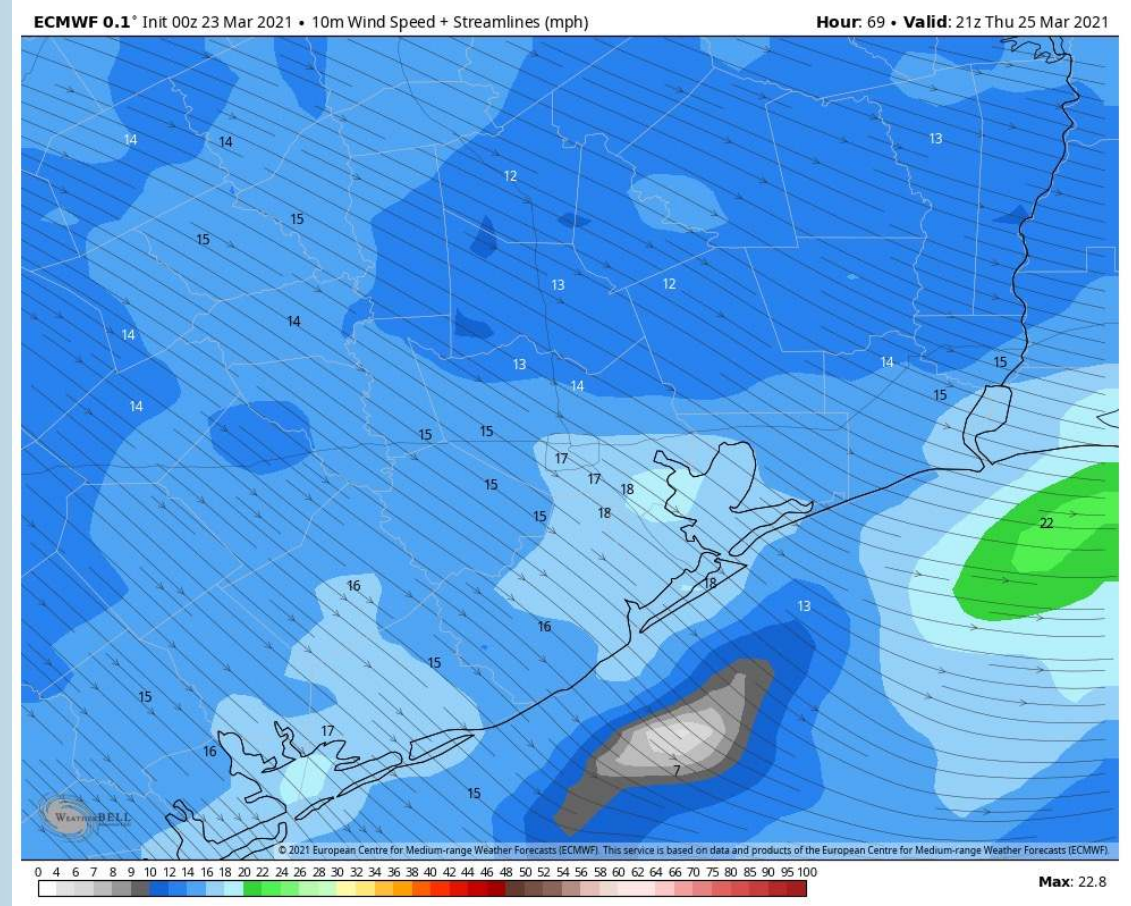
High Temperatures Wednesday



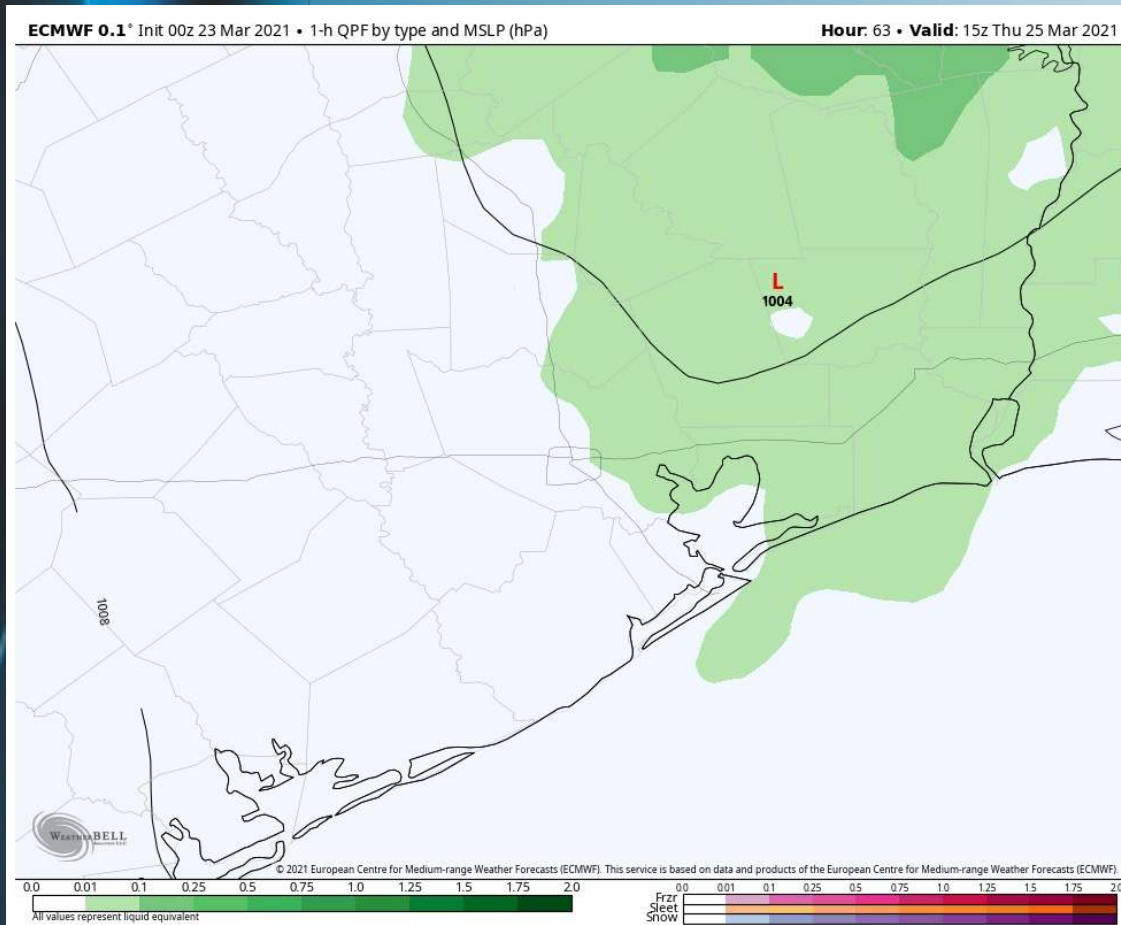
Short-Term Forecast Discussion

- **An isolated shower / t'storm is possible across the north side of the Bay towards the HOU metro from ~9 AM to noon on Thursday...otherwise, a dry day is expected.**
- **Winds will shift from the SW to the NW around noon on Thursday, looking rather gusty at 15-20 MPH sustained, gusting at times up to 25-30 MPH.**
- **Highs will be sitting in the lower 70s Thursday, warmer inland.**
- ***No fog anticipated Thursday night to Friday morning.***

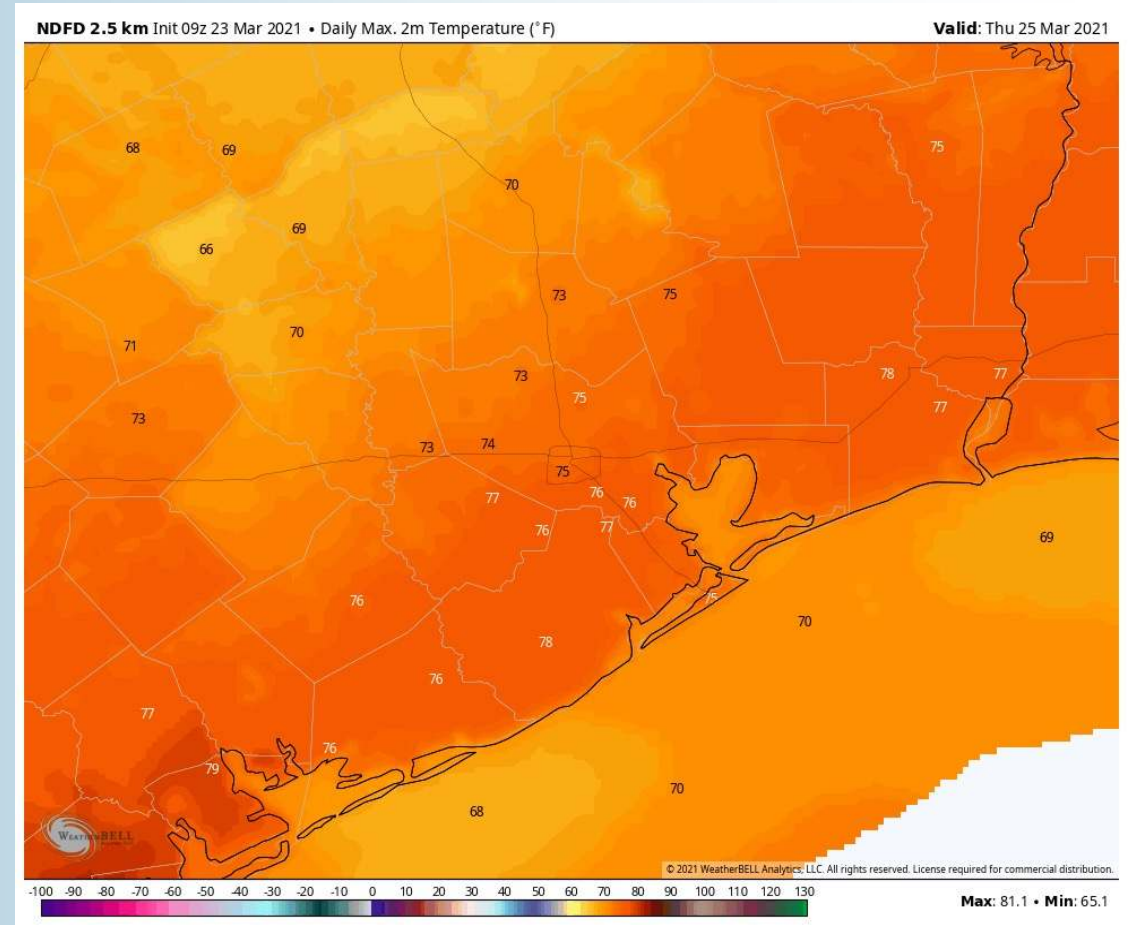
Sustained Winds (4 PM CT)



Simulated Radar Snapshot (10 AM CT)



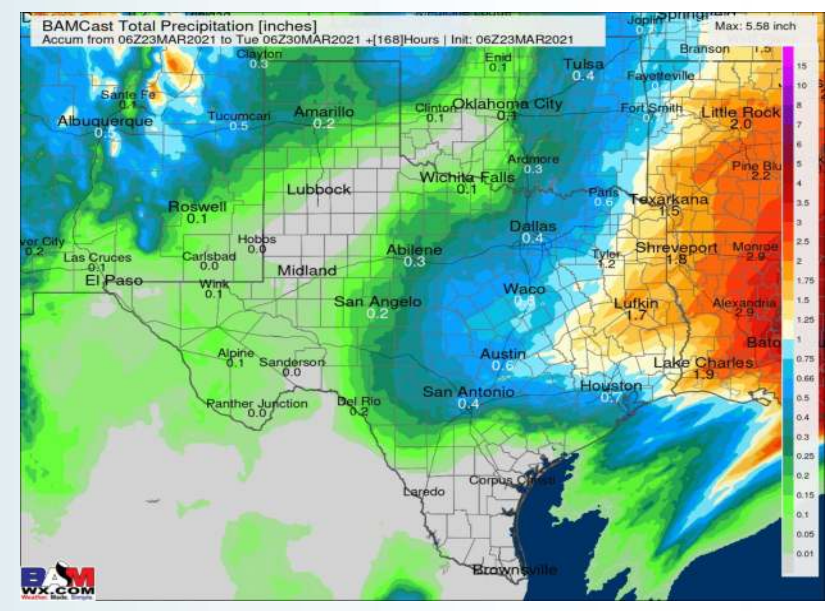
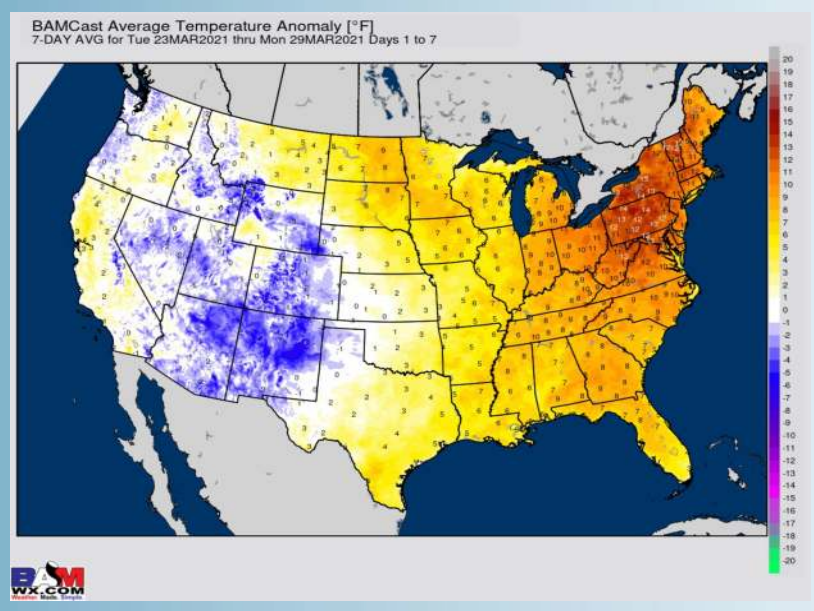
High Temperatures Thursday



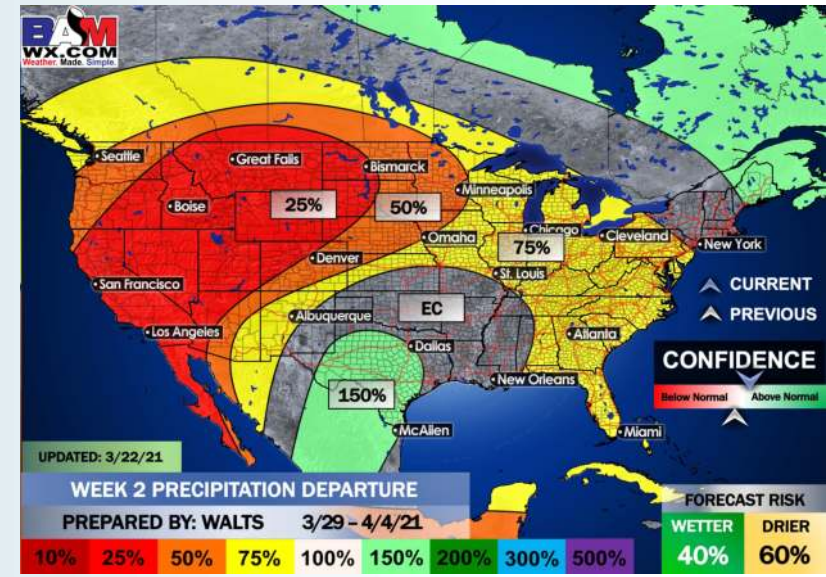
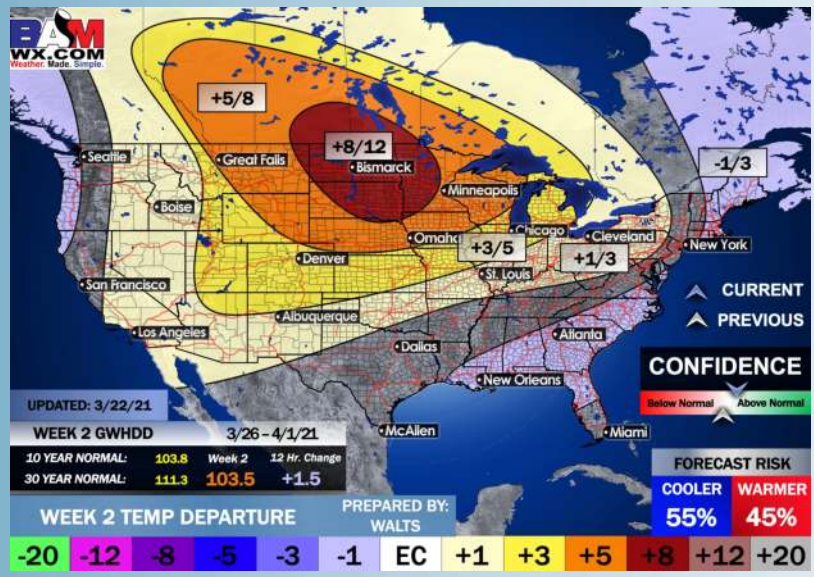
Long-Range Forecast Discussion

- Above normal temperatures for this period overall, but some ups and downs remain possible. Heavier rainfall potential looks to stay just to the north with the best rain chances coming into this morning and Thursday.
- Increasing high pressure to the north and a late March front could open the door for seasonable to slightly cooler temperatures for the week 2 timeframe. Some subtropical jet influence should allow for normal rainfall potential in this timeframe.
- Early April will feature a more active subtropical jet with increased moisture risk. Temperatures are expected to be near normal and likely fluctuate between warmer and cooler pending passages of systems.

Week 1 Forecast



Week 2 Forecast



Weeks 3/4 Forecast

