

Updated: 5:00 AM CT, Saturday, March 27, 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

Saturday, March 27, 2021

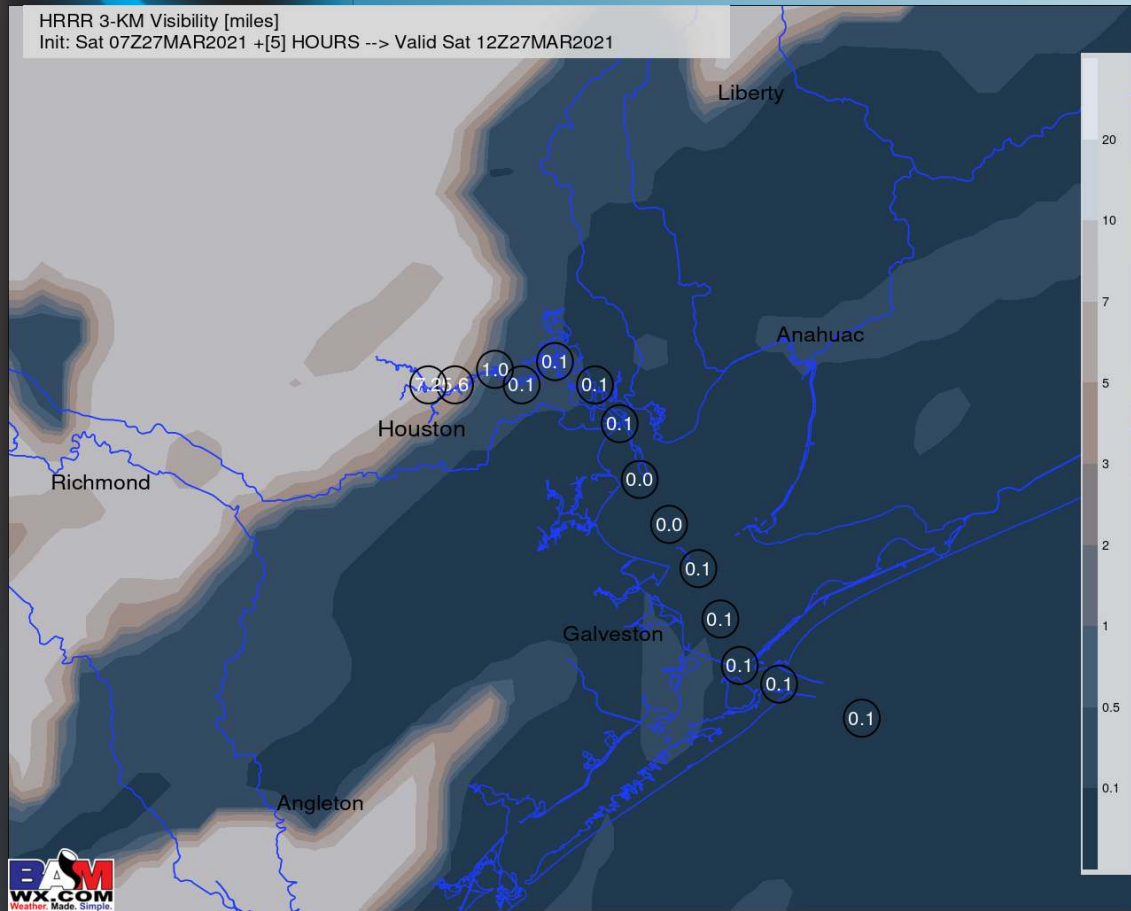
HOURLY VISIBILITY BREAKDOWN (in miles)

Time	03-27-2021 Sat 4am	03-27-2021 Sat 5am	03-27-2021 Sat 6am	03-27-2021 Sat 7am	03-27-2021 Sat 8am	03-27-2021 Sat 9am	03-27-2021 Sat 10am	03-27-2021 Sat 11am	03-27-2021 Sat 12pm	03-27-2021 Sat 1pm	03-27-2021 Sat 2pm	03-27-2021 Sat 3pm	03-27-2021 Sat 4pm	03-27-2021 Sat 5pm	03-27-2021 Sat 6pm	03-27-2021 Sat 7pm	03-27-2021 Sat 8pm	03-27-2021 Sat 9pm	03-27-2021 Sat 10pm	03-27-2021 Sat 11pm	03-28-2021 Sun 12am	03-28-2021 Sun 1am	03-28-2021 Sun 2am	03-28-2021 Sun 3am	03-28-2021 Sun 4am	03-28-2021 Sun 5am	03-28-2021 Sun 6am	03-28-2021 Sun 7am	03-28-2021 Sun 8am	03-28-2021 Sun 9am	03-28-2021 Sun 10am	03-28-2021 Sun 11am	03-28-2021 Sun 12pm	03-28-2021 Sun 1pm	03-28-2021 Sun 2pm	03-28-2021 Sun 3pm
Houston Pilots N - 610 Bridge	7.571	6.868	6.073	4.112	1.792	7.479	7.575	7.380	7.849	9.322	9.058	9.117	9.188	9.966	10.00	6.89	6.92	5.89	5.89	4.93	4.93	3.90	2.94	0.48	0.24	0.48	1.11	2.47	1.99	2.94	3.90	4.96	6.92	6.92	8.61	10.00
Houston Pilots M - Kinder 1	7.236	6.675	4.941	2.841	1.728	6.957	7.215	7.348	7.859	9.333	9.057	9.021	9.168	9.812	10.00	6.89	6.57	5.57	5.89	4.93	4.02	3.90	2.94	0.48	0.24	0.48	1.11	2.47	1.64	2.78	3.90	4.93	6.57	6.92	8.64	10.00
Houston Pilots L - Greens Bayou	6.781	6.796	3.290	0.914	1.571	6.115	7.068	6.352	7.862	9.339	9.048	8.821	9.023	9.531	9.749	6.89	5.89	4.93	4.93	4.93	3.90	3.90	2.94	0.72	0.24	0.48	1.11	2.47	1.59	2.47	3.90	4.93	5.89	6.92	7.68	9.68
Houston Pilots K - Shell Crude	5.028	5.886	1.241	0.393	1.221	5.654	6.603	5.940	7.981	9.143	8.720	8.610	8.861	9.397	9.537	6.89	5.89	4.93	4.93	4.93	3.90	3.90	2.94	0.72	0.24	0.48	1.11	2.47	1.59	2.47	3.90	4.93	5.89	6.92	7.16	9.25
Houston Pilots J - Lynchburg Ferries	4.345	4.537	0.311	0.236	0.753	4.662	5.528	4.308	7.261	8.791	8.191	8.286	8.331	8.912	9.106	6.89	6.70	6.00	6.00	5.75	4.98	4.98	4.28	2.64	2.28	0.77	0.86	2.24	3.53	4.97	6.03	6.79	7.49	8.26	8.64	9.15
Houston Pilots I - Exxon 3	1.241	3.592	0.088	0.302	0.261	2.344	2.820	3.258	6.400	8.065	7.412	6.874	7.714	8.286	8.457	6.79	5.89	4.93	4.93	4.93	3.90	3.90	2.94	0.72	0.24	0.48	1.11	2.28	1.59	2.47	3.90	4.93	5.52	6.52	6.92	8.59
Houston Pilots H - Morgans Point	0.146	2.789	0.063	0.262	0.088	0.939	1.162	3.222	5.275	7.422	7.364	4.957	7.563	7.930	8.020	6.06	7.59	6.64	6.64	6.64	6.17	5.95	5.74	4.74	4.63	2.97	0.59	0.99	5.66	7.50	8.36	8.83	8.83	9.25	9.72	7.43
Houston Pilots G - 75/76	0.460	0.990	0.054	0.065	0.157	0.380	0.496	4.319	5.678	6.436	7.592	4.393	7.650	7.767	7.772	4.90	8.03	8.03	8.03	8.03	6.96	6.91	7.44	8.03	8.03	7.00	0.20	0.16	8.50	10.00	10.00	10.00	10.00	10.00	10.00	7.00
Houston Pilots F - 63/64	1.568	0.070	0.038	0.026	0.247	0.188	0.942	4.805	6.018	5.712	6.842	4.692	7.691	7.718	7.691	4.90	8.03	8.03	7.00	7.05	5.03	5.06	7.05	8.03	8.03	7.51	0.91	0.16	5.99	10.00	10.00	10.00	10.00	10.00	10.00	7.00
Houston Pilots E - 51/52	1.985	0.061	0.026	0.051	0.134	0.233	1.587	4.337	6.078	5.797	4.885	6.224	7.649	7.650	7.633	4.90	8.03	8.03	5.97	7.00	5.01	5.97	7.00	8.03	8.03	8.03	3.16	0.16	3.31	10.00	10.00	10.00	10.00	10.00	10.00	7.00
Houston Pilots D - 37/38	1.168	0.062	0.019	0.101	0.090	0.262	2.847	3.517	6.253	6.874	3.944	7.343	7.641	7.623	7.421	4.90	8.03	7.59	5.97	7.00	5.01	6.55	7.00	6.55	8.03	8.03	5.87	0.19	1.36	8.99	10.00	10.00	10.00	10.00	10.00	8.76
Houston Pilots C - 25/26	0.305	0.047	0.023	0.096	0.104	0.090	3.853	3.181	5.836	6.341	3.436	7.581	7.639	7.618	5.965	4.90	8.03	7.00	6.59	7.00	5.85	7.00	4.68	4.57	7.59	8.03	7.00	0.62	0.27	8.99	10.00	10.00	10.00	10.00	10.00	10.00
Houston Pilots B - 11/12	0.065	0.021	0.041	0.066	0.082	0.524	4.063	3.707	4.958	3.306	1.880	7.613	7.571	7.599	5.964	4.90	8.03	7.00	7.00	7.86	7.00	7.59	3.05	2.75	7.00	8.03	7.00	1.39	0.16	8.19	10.00	10.00	8.99	10.00	10.00	10.00
Houston Pilots A - 1 & 2 Bravo	0.048	0.012	0.058	0.062	0.061	2.022	5.582	2.986	1.902	0.862	3.655	7.581	7.581	7.581	7.581	4.90	8.03	7.00	8.03	8.03	8.03	8.03	1.04	0.71	7.00	6.73	7.00	4.63	0.16	5.36	10.00	10.00	9.77	8.99	10.00	10.00

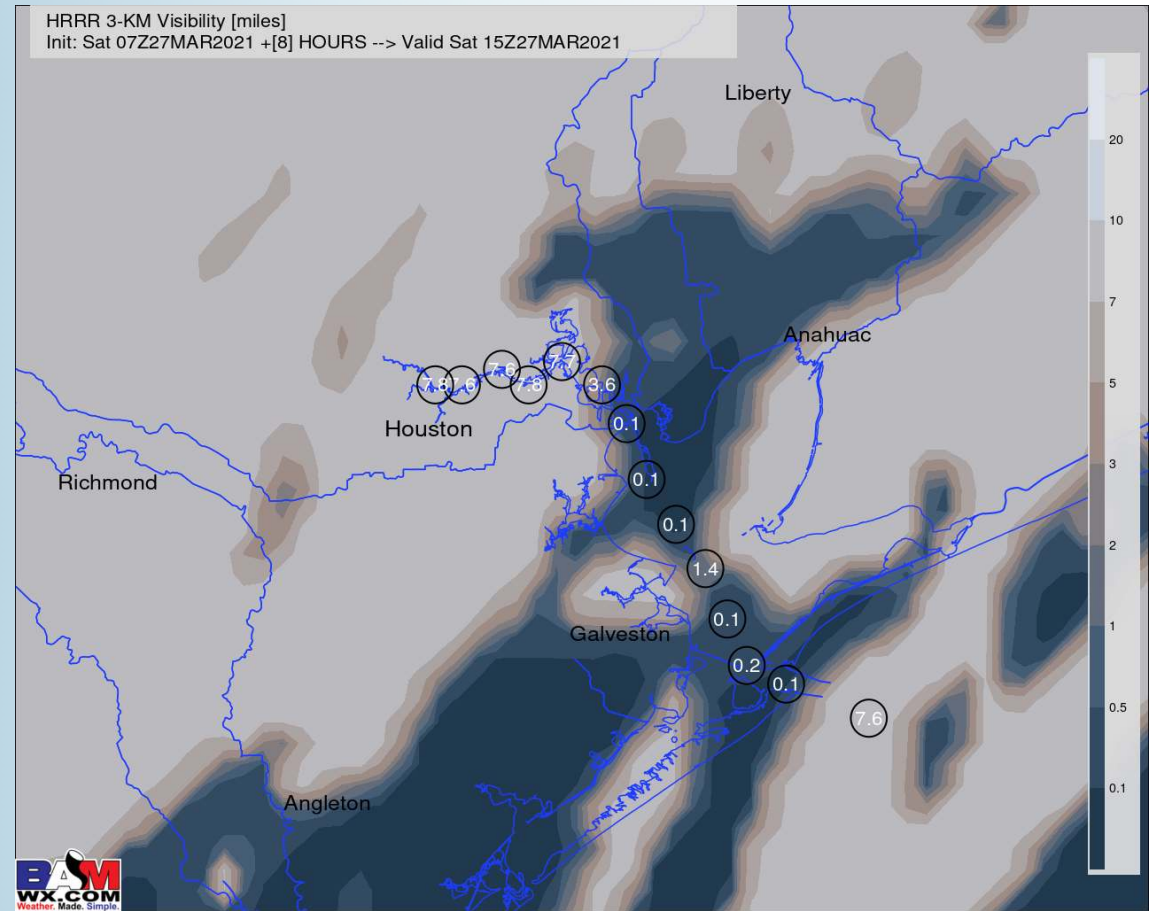
Fog Report

Saturday, March 27th, 2021

VISIBILITY (7 AM CT SAT)



VISIBILITY (10 AM SAT)



CONFIDENCE

Below
Normal

Above
Normal

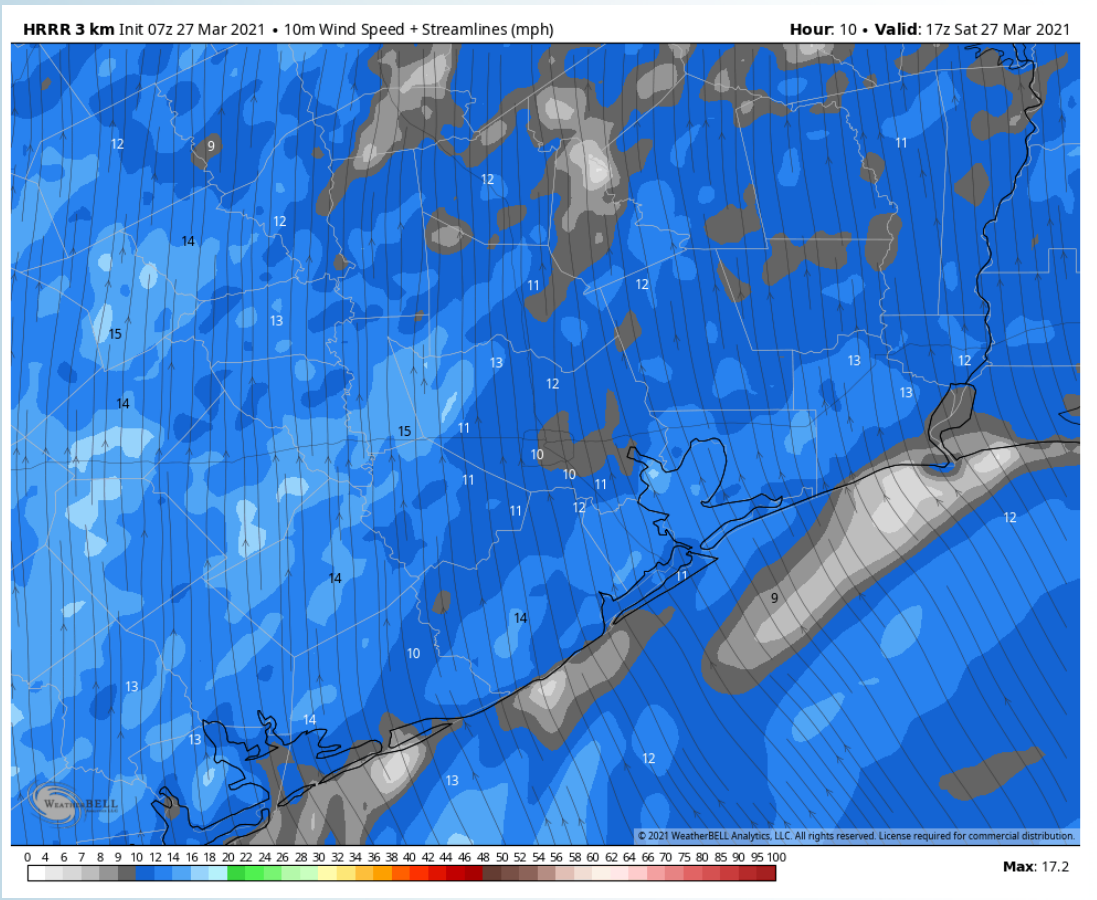


- ***A dense fog advisory is current in place across the bay areas with widespread lower visibilities noted in current observations. Overall, not a whole lot of deviations from previous forecast. Fog is anticipated to hang around this morning out through 9 AM before becoming more patchy in nature afterwards out through about noon. More fog will be possible into tomorrow morning with more details in a later slide.***

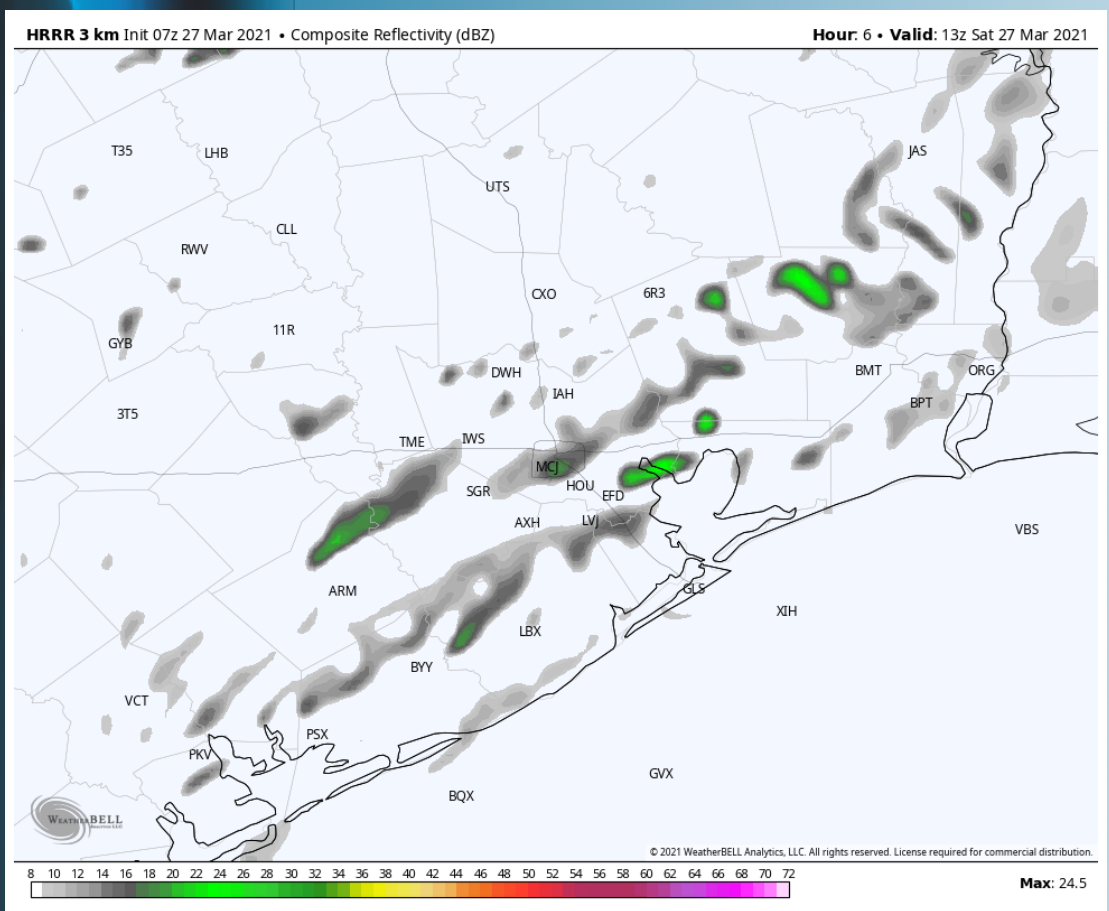
Short-Term Forecast Discussion

- An overall dry day is anticipated with spotty drizzle/ mist possible this AM..
- Winds remain out of the SE today and slowly begin to pick up this AM into the PM hours. Winds this afternoon look to be sustained around 8 – 13 MPH with gust ~20 MPH possible. Winds towards midnight should weaken to sustained winds closer to 5 – 10 MPH out ahead of a frontal boundary.
- High Temps on Saturday will be in themed 70's F over open waters..
- Fog is currently ongoing now across the bay areas this AM. Watching another round of potential fog late tonight into tomorrow morning before the passage of a frontal boundary. More details for this AM fog in slide above, tonight/ tomorrow AM fog in slide below.

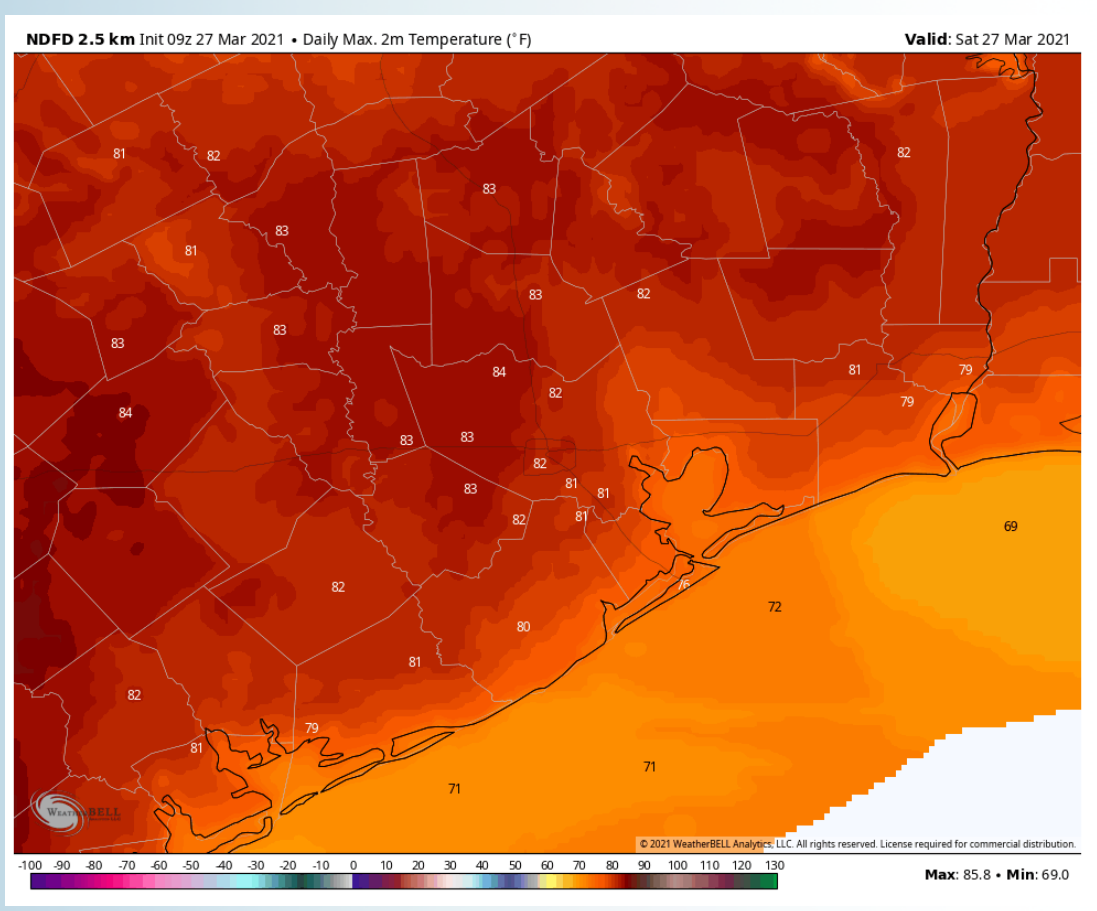
Sustained Winds (12 PM CT)



Simulated Radar Snapshot (8 AM CT)



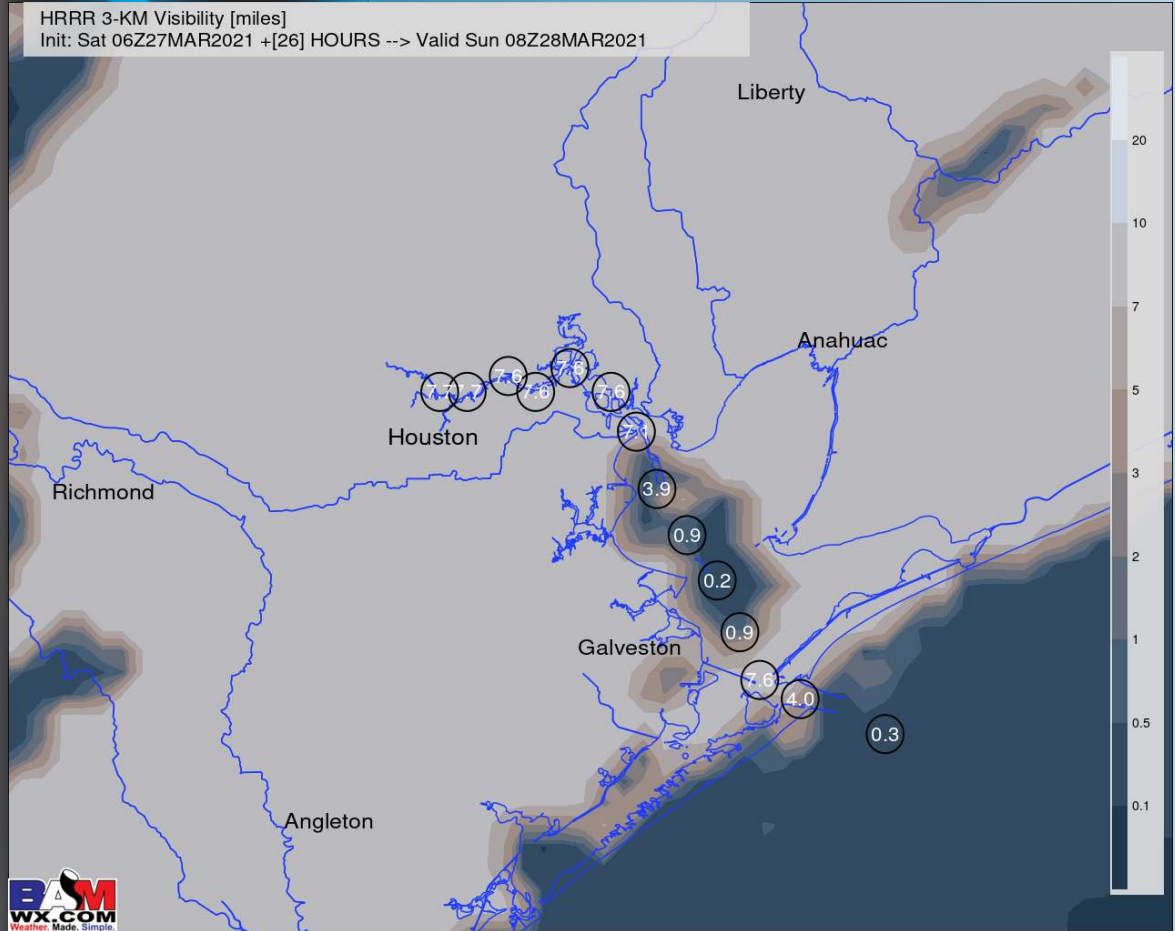
High Temperatures Saturday



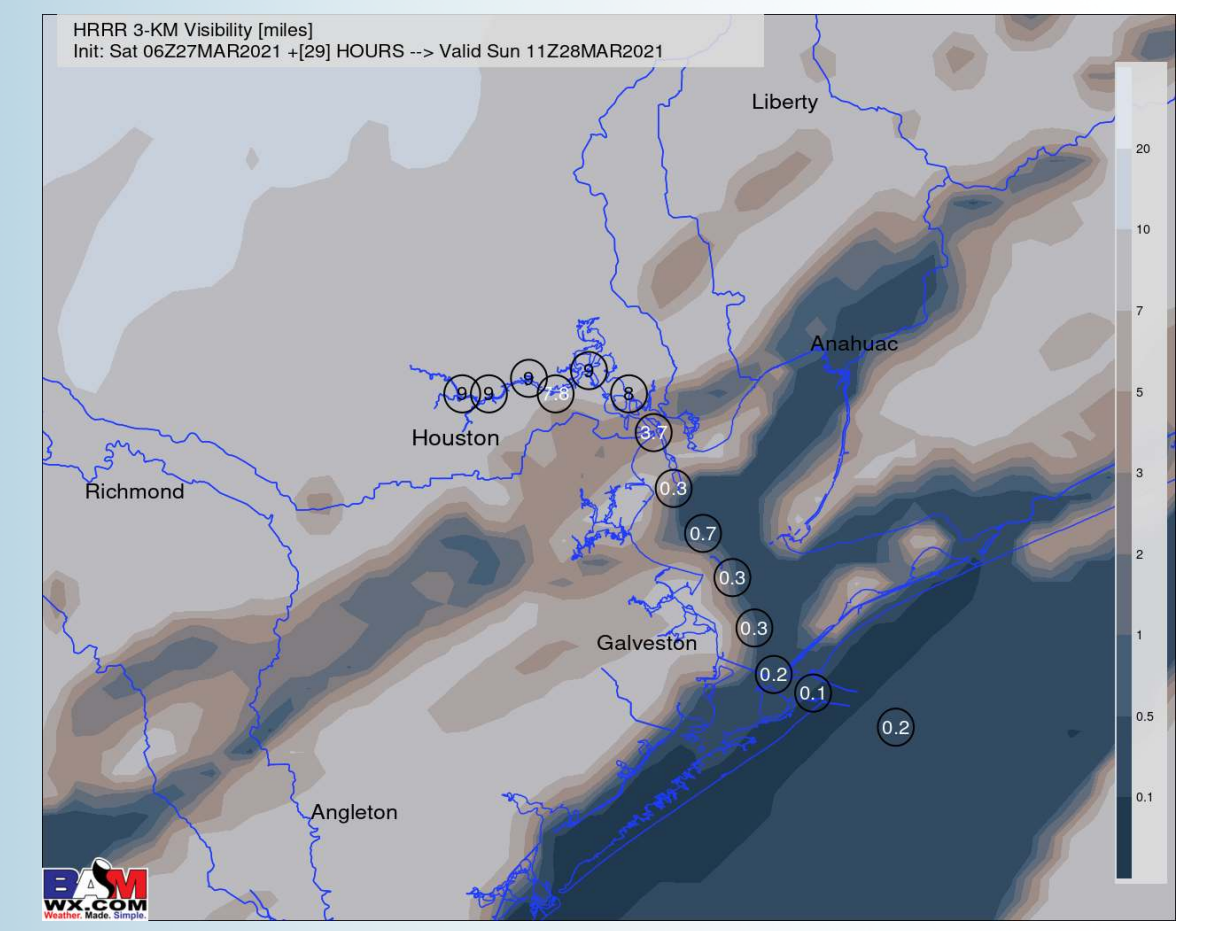
Fog Report

Sunday, March 16th, 2021

VISIBILITY (3 AM CT SUN)



VISIBILITY (6 AM CT SUN)



CONFIDENCE

Below Normal	Above Normal
--------------	--------------

➤ ***As mentioned in yesterday's report, there is an opportunity for sea fog to develop once again in the morning hours of Sunday preceding the passage of a frontal boundary with weak SE winds in place. Data is now beginning to pick up on this potential but will certainly need fine-tuning this afternoon. Current thinking is that fog will be possible after midnight and can persist through ~ 7 AM. The greatest threat will be for the Boarding station during this timeframe. Further into the bay, the fog may be a bit more patchy in nature and even more so into the Buffalo Bayou. As the front passes, winds shift out of the NE and usher in drier air, ending the fog threat. If the front into Sunday morning trends quicker, this would decrease the fog threat moving forward.***

Short-Term Forecast Discussion

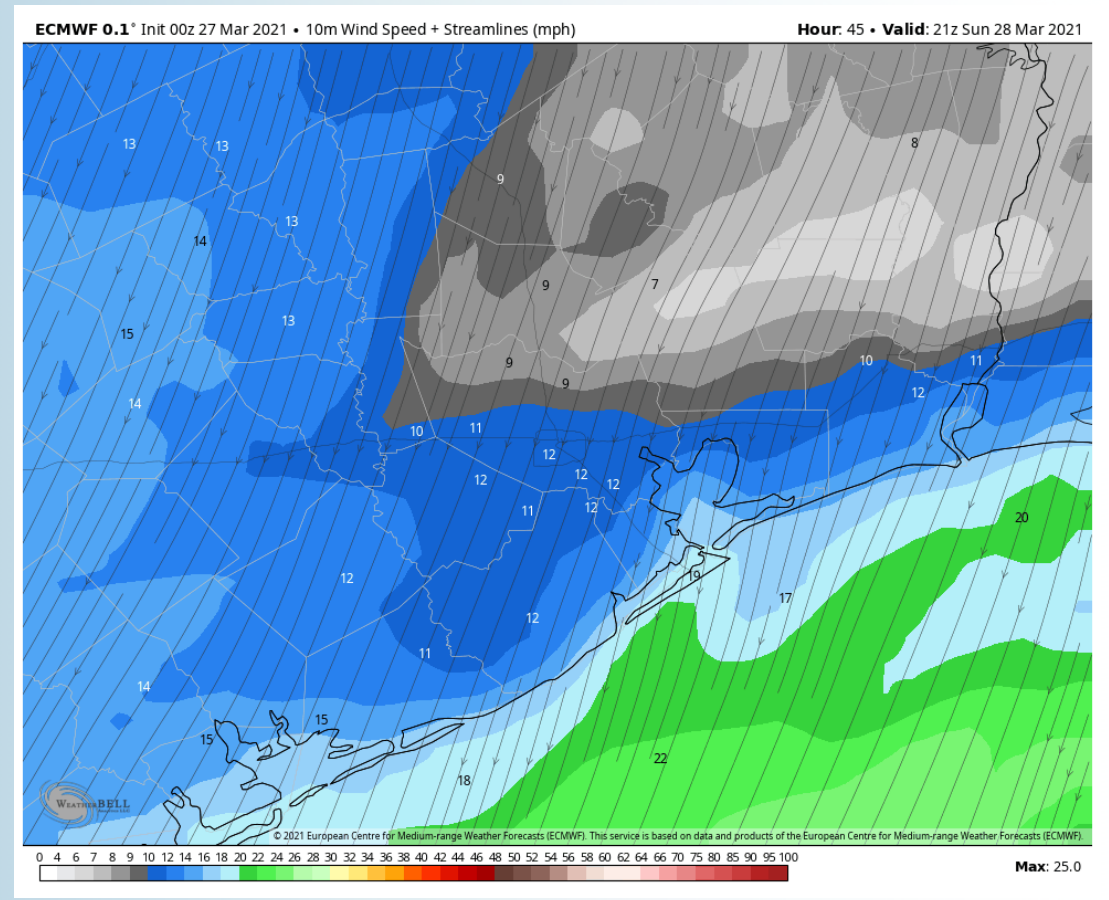
- **Some uncertainty still exist on to how long rain and storms can linger around into Sunday. Currently anticipate a cold front to move through the 6 AM – 9 AM timeframe. A few thunderstorms cannot be ruled out during this time frame. Spotty chances may continue to linger into the early afternoon hours, but lower confidence on this part of the forecast due to continued model spread**

- **Generally calm winds in the AM start to shift out of the NE from roughly 7 – 9 AM upon the passage of the frontal boundary. As this boundary passes, winds should be on the increase with sustained winds around 10 – 20 MPH, with gust of 25 – 30 MPH possible. Winds likely calm down after sunset, although breezy conditions may persist closer to the boarding station.**

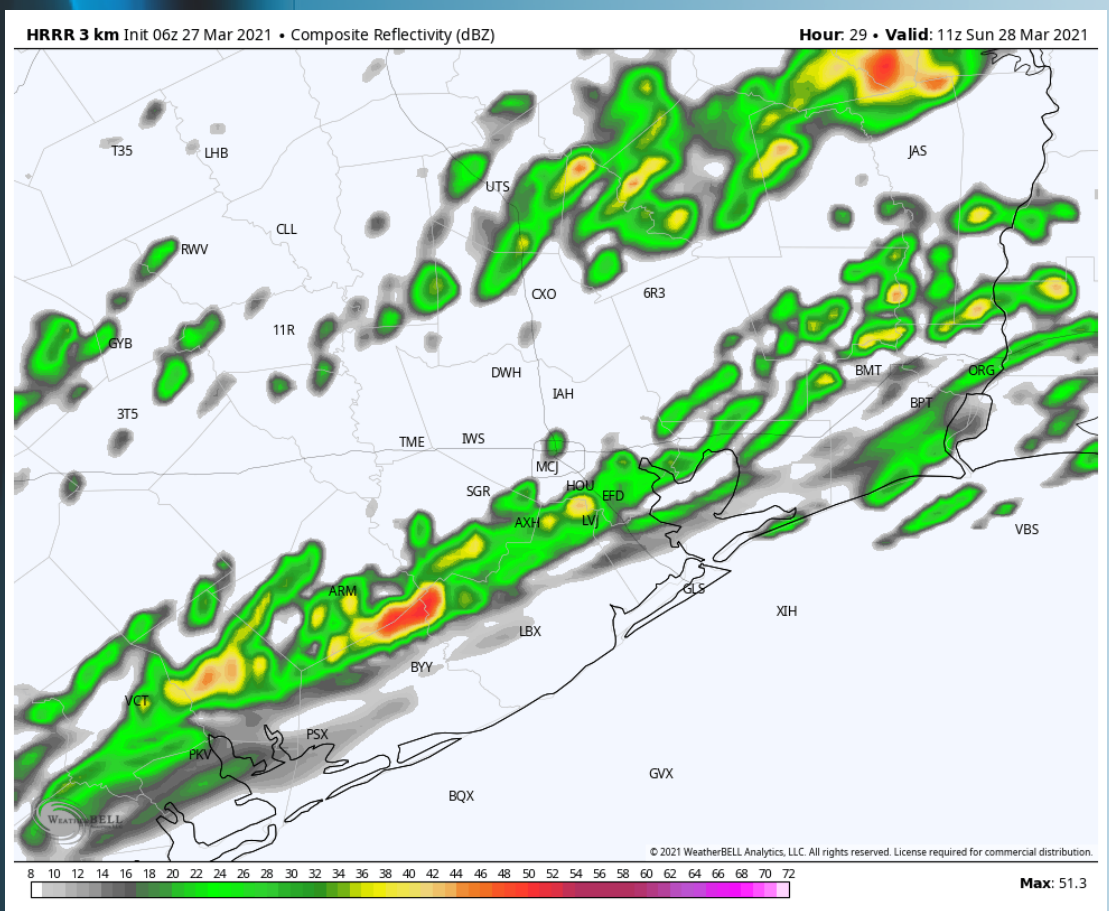
- **Temperatures look to be in the lower-to-mid 70's F on Sunday over open waters.**

- ***There exists some potential for fog Sunday morning. More information on slide above.***

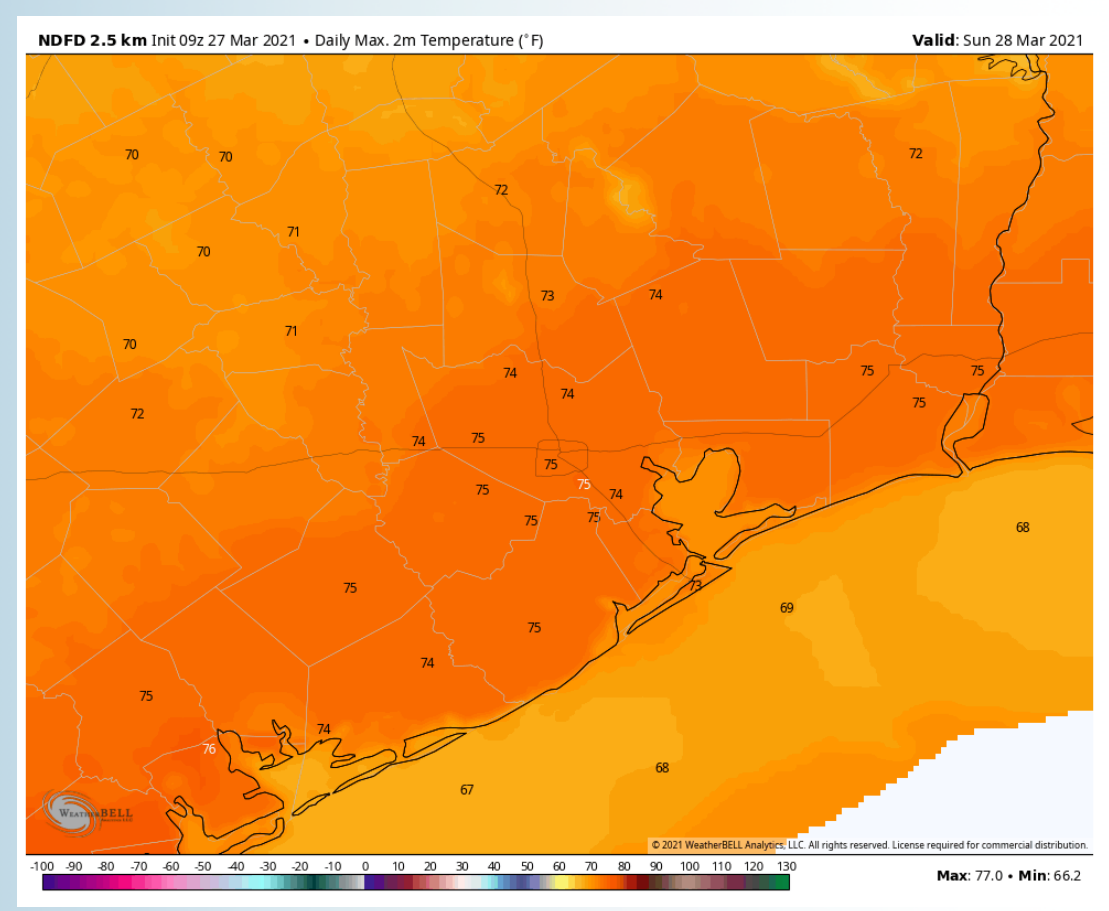
Sustained Winds (4 PM CT)



Simulated Radar Snapshot (6 AM CT)



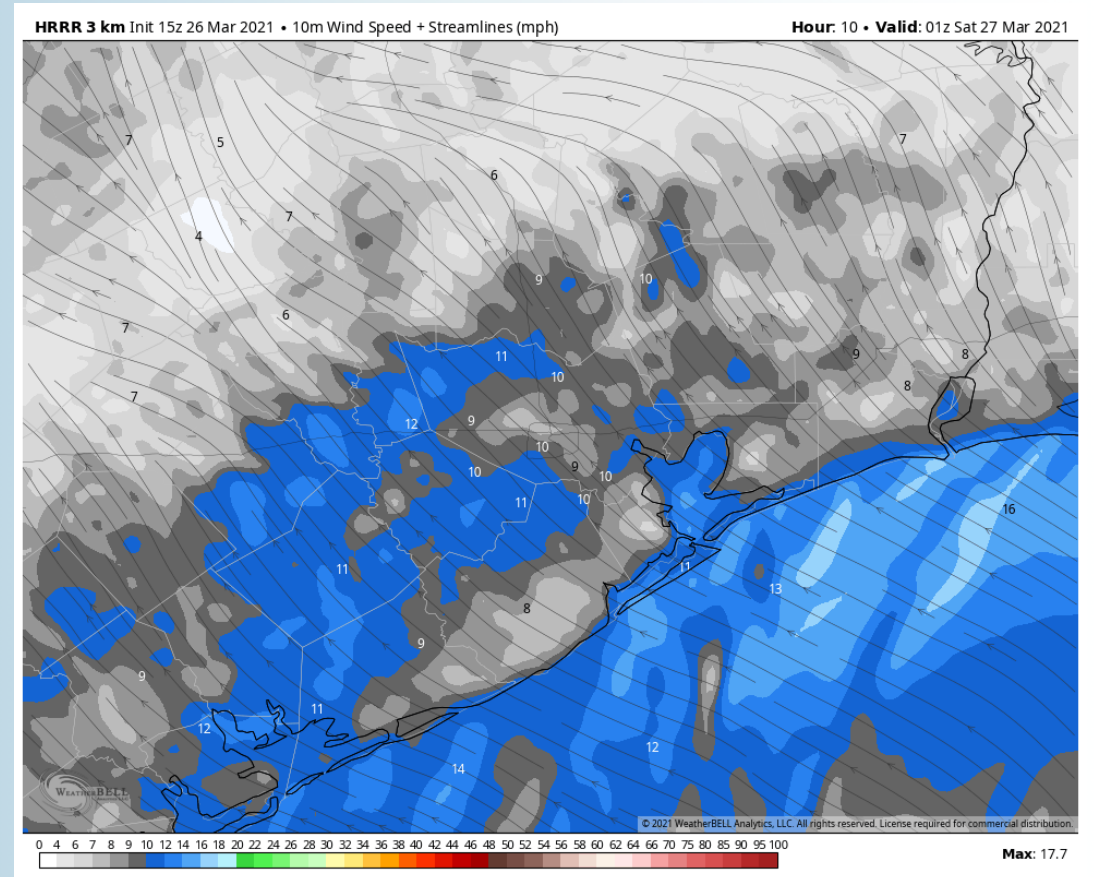
High Temperatures Sunday



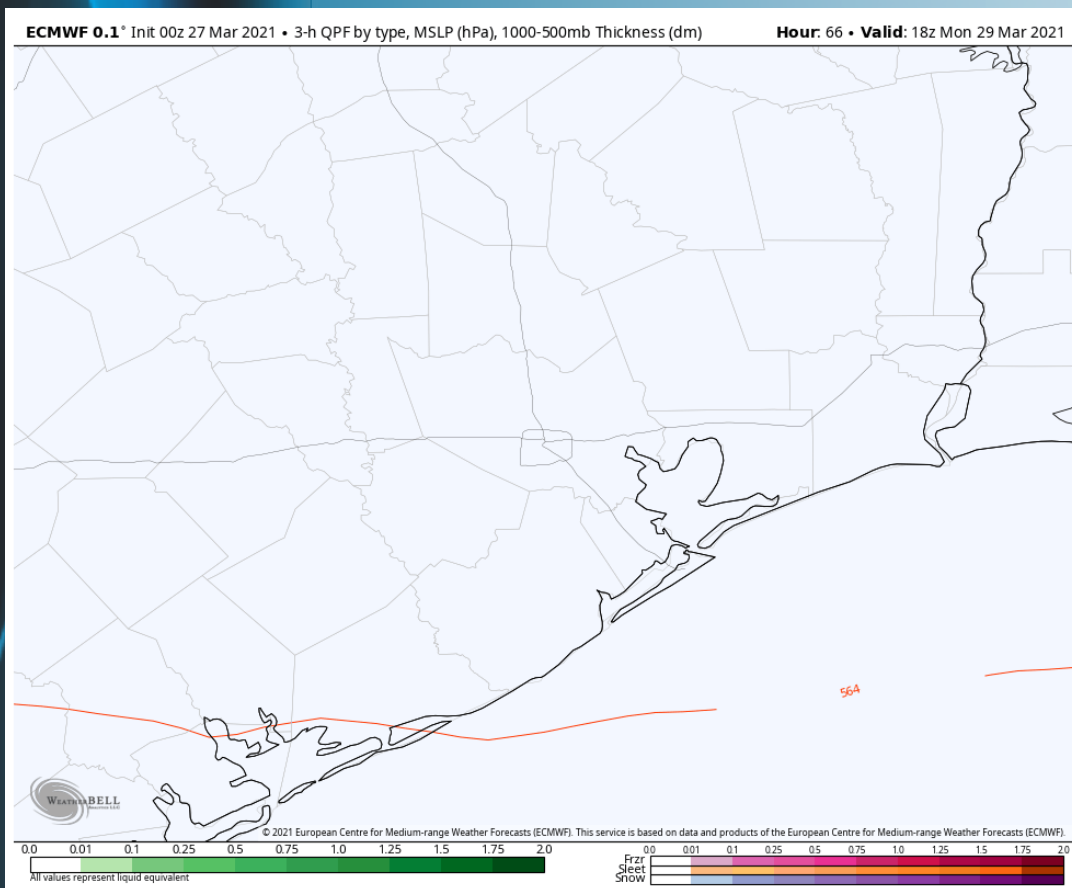
Short-Term Forecast Discussion

- A dry is expected on Monday.
- Winds will likely be out of the NE before shifting out of the SE into the afternoon. Winds look to be sustained around 8-13 MPH with gust of 15 – 20 MPH possible.
- High temperatures look to get into the mid to upper 60's F.
- *No fog anticipated Monday morning. Winds do shift out of the SE into Monday afternoon/ evening which MAY open the door for fog potential into Monday night/ TUE morning. This is not anticipated at this time, but something to keep an eye on.*

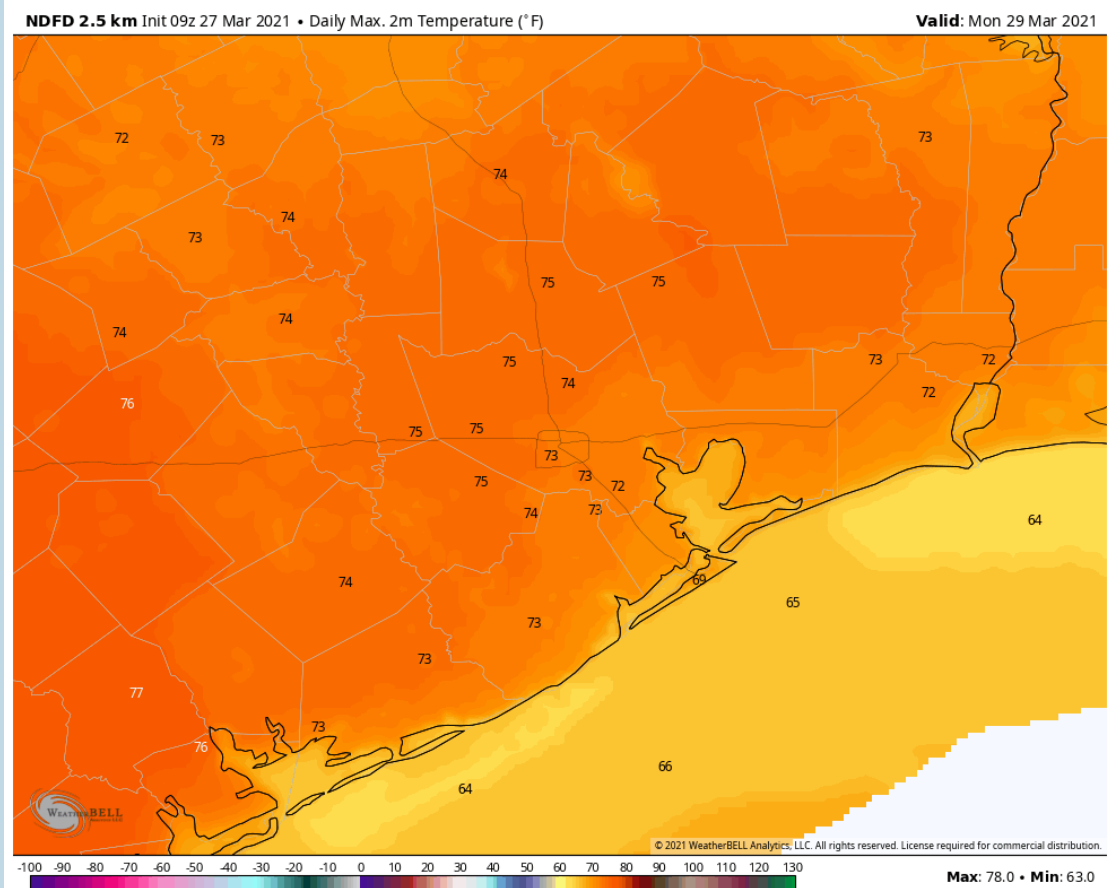
Sustained Winds (8 PM CT)



Simulated Radar Snapshot (1 PM CT)



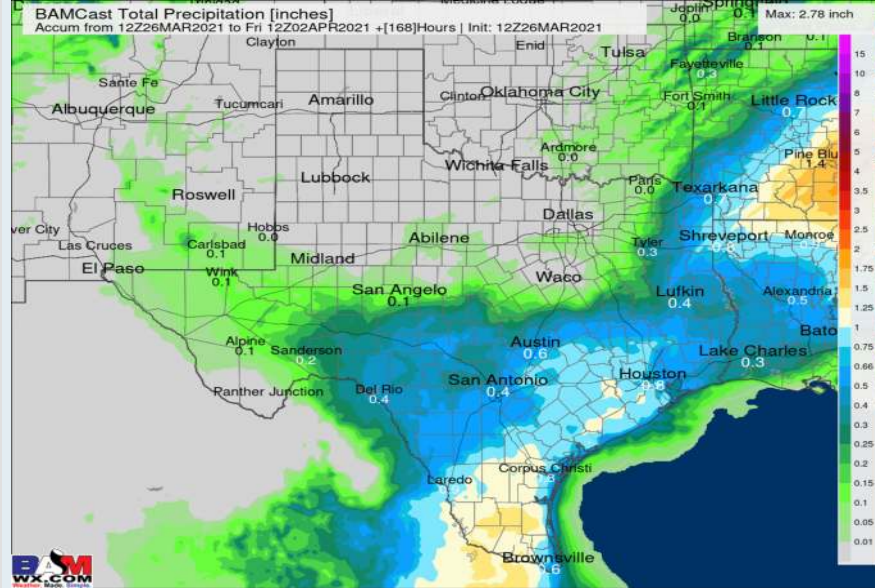
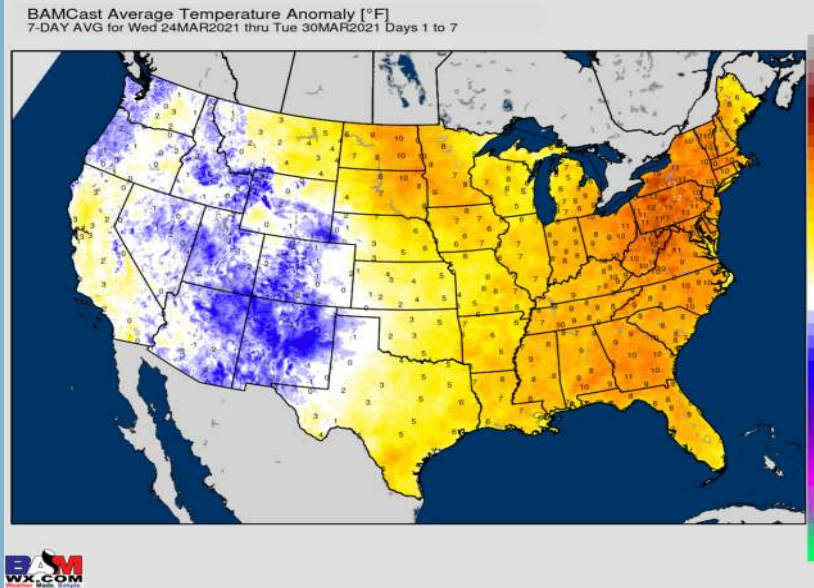
High Temperatures Monday



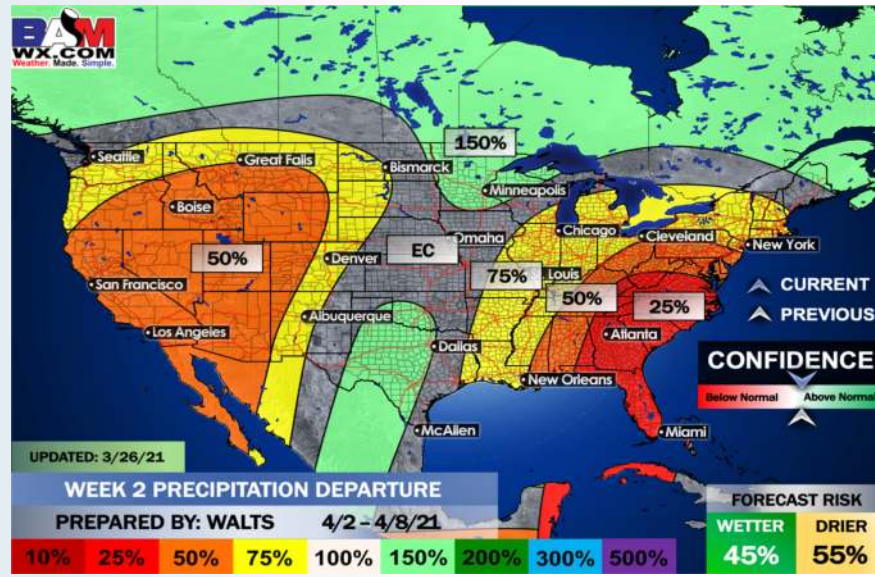
Long-Range Forecast Discussion

- Above normal temperatures are anticipated out through Sunday before a cold front passes the area, ushering in cooler temperatures Monday. Temperatures TUE/WED moderate before another potential cold front brining in cooler temperatures into next THU. Precipitation this week will remain a bit uncertain due to how progressive the cold front on Sunday can be. Outside that, another front looks to provide another chance of moisture on WED.
- Currently anticipating Houston to be far enough removed from the subtropical jet influence for near normal to slightly below normal moisture risk for the week 2 timeframe. Temperatures are anticipated to average out to near normal.
- Expectations are for a more favorable pattern for precipitation risk for the Houston area for weeks 3 + 4. Temperatures are anticipated to average out to near normal for this time frame.

Week 1 Forecast



Week 2 Forecast



Weeks 3/4 Forecast

