

Updated: 5:00 AM CT Monday, March 15, 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, March 15, 2021

HOURLY VISIBILITY BREAKDOWN (in miles)

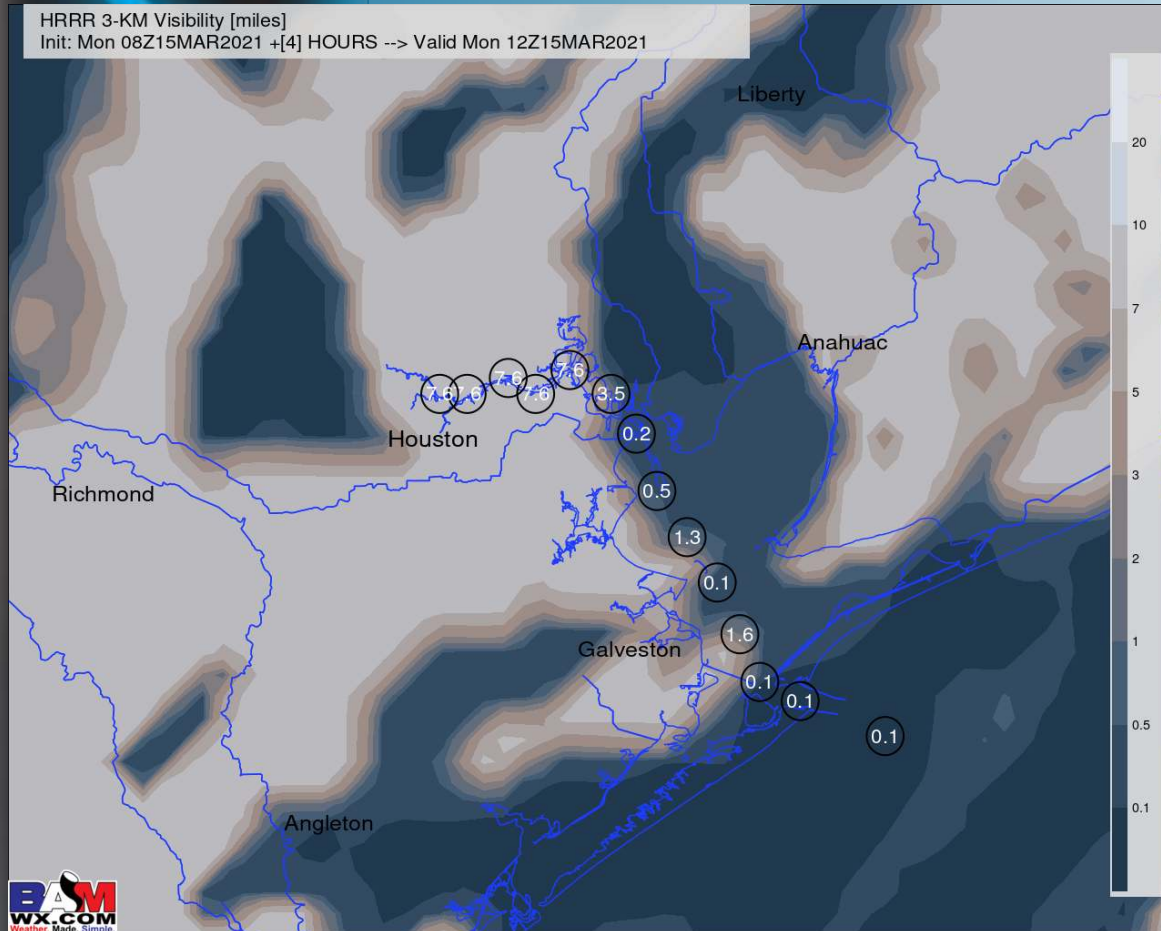
Time	03-15-2021 Mon 4am	03-15-2021 Mon 5am	03-15-2021 Mon 6am	03-15-2021 Mon 7am	03-15-2021 Mon 8am	03-15-2021 Mon 9am	03-15-2021 Mon 10am	03-15-2021 Mon 11am	03-15-2021 Mon 12pm	03-15-2021 Mon 1pm	03-15-2021 Mon 2pm	03-15-2021 Mon 3pm	03-15-2021 Mon 4pm	03-15-2021 Mon 5pm	03-15-2021 Mon 6pm	03-15-2021 Mon 7pm	03-15-2021 Mon 8pm	03-15-2021 Mon 9pm	03-15-2021 Mon 10pm	03-15-2021 Mon 11pm	03-16-2021 Tue 12am	03-16-2021 Tue 1am	03-16-2021 Tue 2am	03-16-2021 Tue 3am	03-16-2021 Tue 4am	03-16-2021 Tue 5am	03-16-2021 Tue 6am	03-16-2021 Tue 7am	03-16-2021 Tue 8am	03-16-2021 Tue 9am	03-16-2021 Tue 10am	03-16-2021 Tue 11am	03-16-2021 Tue 12pm	03-16-2021 Tue 1pm	03-16-2021 Tue 2pm	03-16-2021 Tue 3pm
Houston Pilots N - 610 Bridge	7.560	7.500	7.060	5.427	3.913	4.998	6.927	8.142	8.685	9.762	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	8.99	7.95	6.92	4.93	3.90	0.72	0.48	0.48	0.48	0.24	0.24	3.90	6.92	9.63	10.00	10.00	10.00
Houston Pilots M - Kinder 1	6.908	7.575	7.548	6.161	4.187	4.877	6.990	8.059	8.683	9.730	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	9.97	7.95	6.92	4.93	3.90	0.72	0.48	0.48	0.48	0.24	0.24	3.90	6.92	10.00	10.00	10.00	10.00
Houston Pilots L - Greens Bayou	5.247	7.581	7.581	6.886	4.880	5.321	7.594	8.226	8.695	9.590	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	7.95	6.92	4.93	3.90	0.63	0.48	0.48	0.48	0.24	0.24	3.90	6.92	10.00	10.00	10.00	10.00
Houston Pilots K - Shell Crude	3.918	7.581	7.581	7.540	5.637	6.260	7.631	7.947	8.791	9.759	10.00	10.00	10.00	10.00	9.737	10.00	10.00	10.00	10.00	10.00	7.95	6.92	4.93	3.90	0.53	0.48	0.48	0.48	0.24	0.24	3.90	6.92	10.00	10.00	10.00	10.00
Houston Pilots J - Lynchburg Ferries	6.427	7.581	7.581	6.780	5.399	6.606	7.439	8.339	8.942	9.775	10.00	10.00	10.00	10.00	9.135	10.00	9.56	8.76	8.76	7.74	5.91	5.23	3.76	3.52	1.00	0.54	1.00	1.40	0.47	0.59	3.92	5.52	7.74	7.49	7.46	7.70
Houston Pilots I - Exxon 3	7.202	6.727	6.768	5.054	5.147	6.687	7.234	7.785	8.690	9.957	10.00	10.00	10.00	9.983	7.572	10.00	10.00	10.00	10.00	10.00	7.95	6.92	4.93	3.90	0.48	0.48	0.48	0.48	0.24	0.24	3.90	6.92	9.48	10.00	10.00	8.99
Houston Pilots H - Morgans Point	5.284	4.551	5.382	3.989	7.330	6.377	7.231	7.089	7.701	8.662	8.912	9.304	8.681	7.299	5.028	10.00	8.30	5.32	6.41	4.63	3.67	3.20	2.31	1.62	0.35	0.30	0.46	0.38	0.19	0.19	1.91	3.20	4.13	4.63	4.60	5.80
Houston Pilots G - 75/76	4.858	4.047	3.900	4.167	7.199	7.356	7.254	7.214	7.476	7.582	7.608	7.203	6.152	4.284	4.276	10.00	3.83	1.04	1.52	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	0.16	0.12	1.52
Houston Pilots F - 63/64	7.077	6.892	4.724	4.703	6.531	6.956	7.113	7.365	6.144	6.217	7.597	7.154	5.905	4.330	4.310	10.00	0.82	0.17	0.17	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	0.16	0.12	0.19
Houston Pilots E - 51/52	6.896	7.236	4.547	4.190	7.581	5.878	3.974	3.775	4.217	6.458	7.400	5.193	4.239	4.071	4.257	10.00	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	0.16	0.16	0.16	0.16	0.12	0.16
Houston Pilots D - 37/38	4.710	5.286	5.392	4.731	6.914	5.421	5.361	3.299	2.961	5.597	5.558	5.094	5.688	5.814	4.166	10.00	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	0.16	0.16	0.16	0.16	0.12	0.21
Houston Pilots C - 25/26	6.950	4.488	5.153	4.183	4.763	5.298	7.043	3.422	2.368	4.057	7.014	7.470	6.997	5.685	5.026	4.24	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.05	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.12	0.18
Houston Pilots B - 11/12	7.489	3.490	3.960	3.424	3.290	3.332	4.719	4.001	4.353	5.648	6.703	6.373	4.426	3.859	1.748	1.64	0.16	0.16	0.00	0.00	0.00	0.16	0.00	0.00	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.12	0.16
Houston Pilots A - 1 & 2 Bravo	6.359	7.348	6.934	1.954	2.065	1.921	2.092	3.778	3.823	3.852	3.698	3.872	3.835	3.159	2.529	0.53	0.16	0.00	0.00	0.00	0.00	0.16	0.00	0.00	0.16	0.16	0.16	0.00	0.16	0.16	0.16	0.16	0.16	0.16	0.12	0.16

- **Variance in data is leading to this chart being underdone this morning (as we have noted there are numerous fog reports especially on the NW side from the 610 Bridge to near the Shell Station). Given the struggles with the data this morning, we would refer you to the next slide for more details on fog threats today.**
- **However, we do think the breakdown above has a solid handle on things as we work into this evening, tonight and through tomorrow afternoon.**

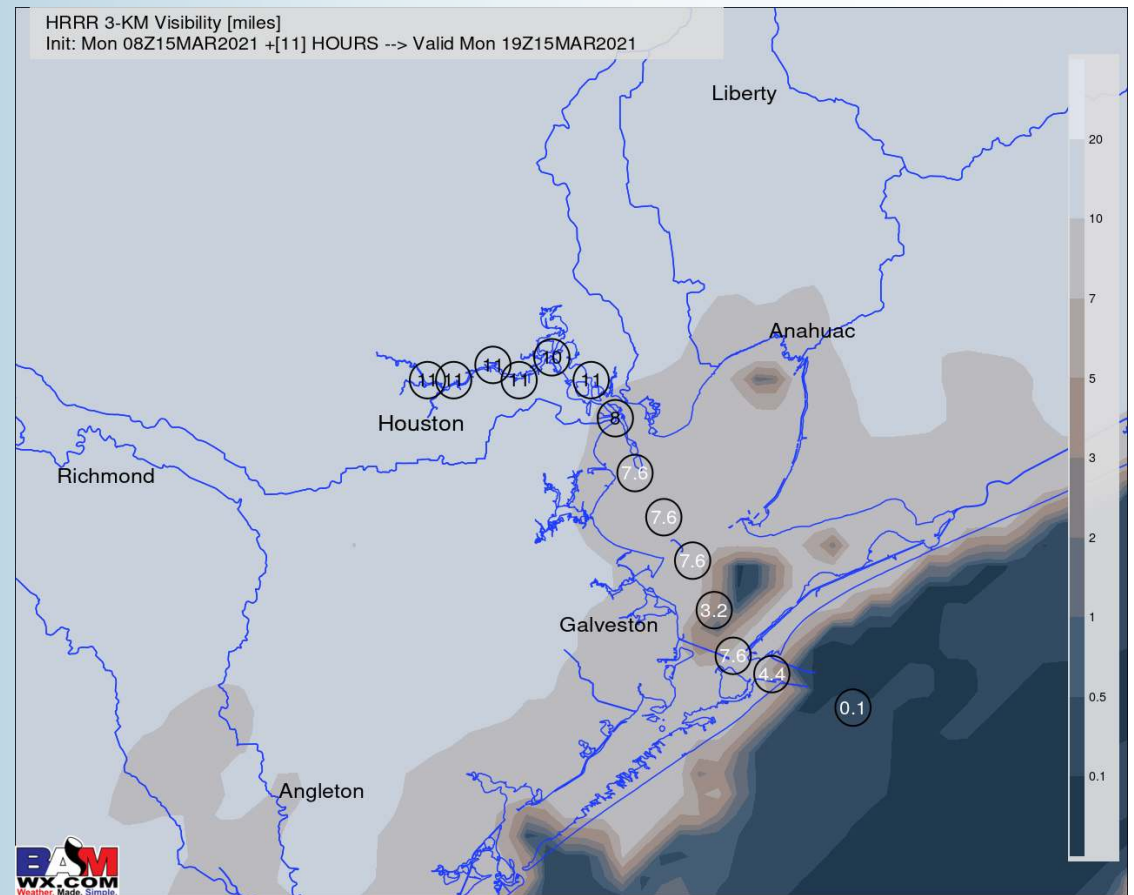
Fog Report

Monday, March 15, 2021

VISIBILITY (7 AM CT MON)



VISIBILITY (2 PM CT MON)



CONFIDENCE

Below
Normal

Above
Normal

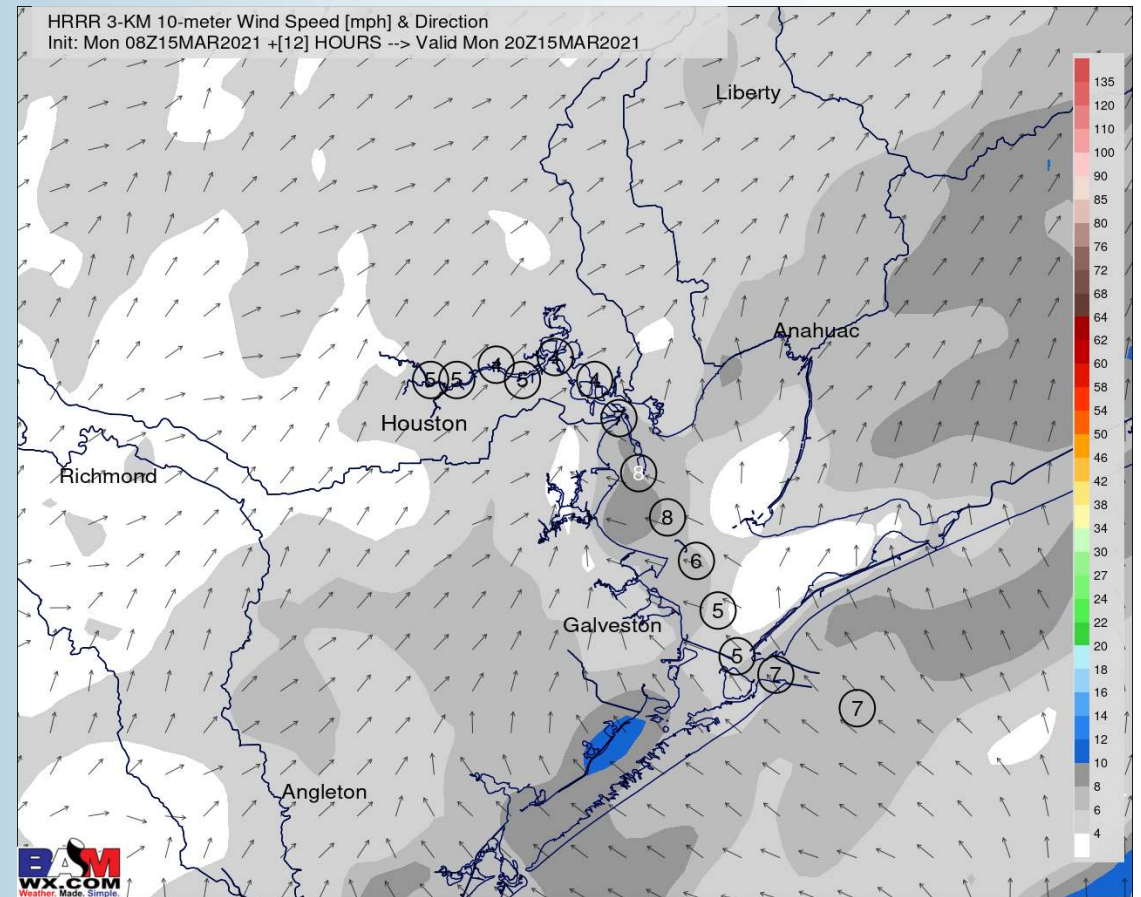
- We have numerous fog reports this morning mainly in the city of Houston and our NW stations as expected. We are still watching for two periods of fog, the one ongoing now and another into the evening hours with a general lull in the afternoon hours.
- Data remains a bit variable in the progression of fog from this point forward, but based on latest observations and staying consistent with our PM report we believe that closer to ~6-8 AM our southern half of stations will see fog threats increase. Latest guidance would suggest fog potential would not lift until the 11AM – 1PM.
- Into the afternoon (1 PM - 5PM) we will likely see a break in the fog before the next round will develop. One risk we continue to watch with this forecast is that the boarding station may see some reduced visibilities linger into the afternoon (as noted above at 2PM CT). We are still targeting the 5-7 PM window for fog to really increase near the boarding station with it expanding northward as we work into the late evening hours. Fog likely then sticks around into Tuesday morning.

Short-Term Forecast Discussion

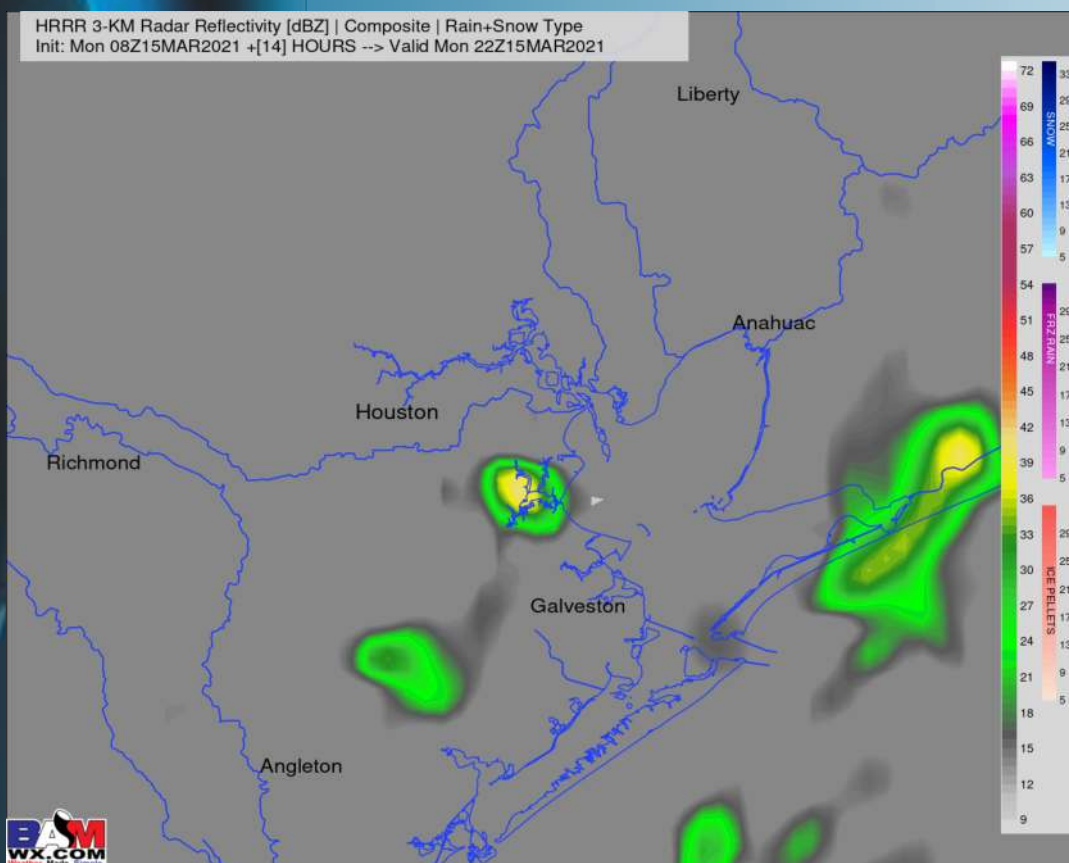
- Overall, aside from some patchy mist associated with some of the fog threats, much of the day should be void of precipitation with a few scattered shower risks as we work past 2-3 PM this afternoon and into the evening hours.
 - Light and variable winds in the AM eventually pick up slightly into the afternoon (12PM and beyond) with sustained winds out of the S/SE around 5 – 10. Gust approaching 15 MPH possible.
 - Temperatures will continue to sit in the lower-to-mid 70s over the waters, closer to 80 inland.
- *Check slide on fog potential above.*

Monday, March 15th, 2021

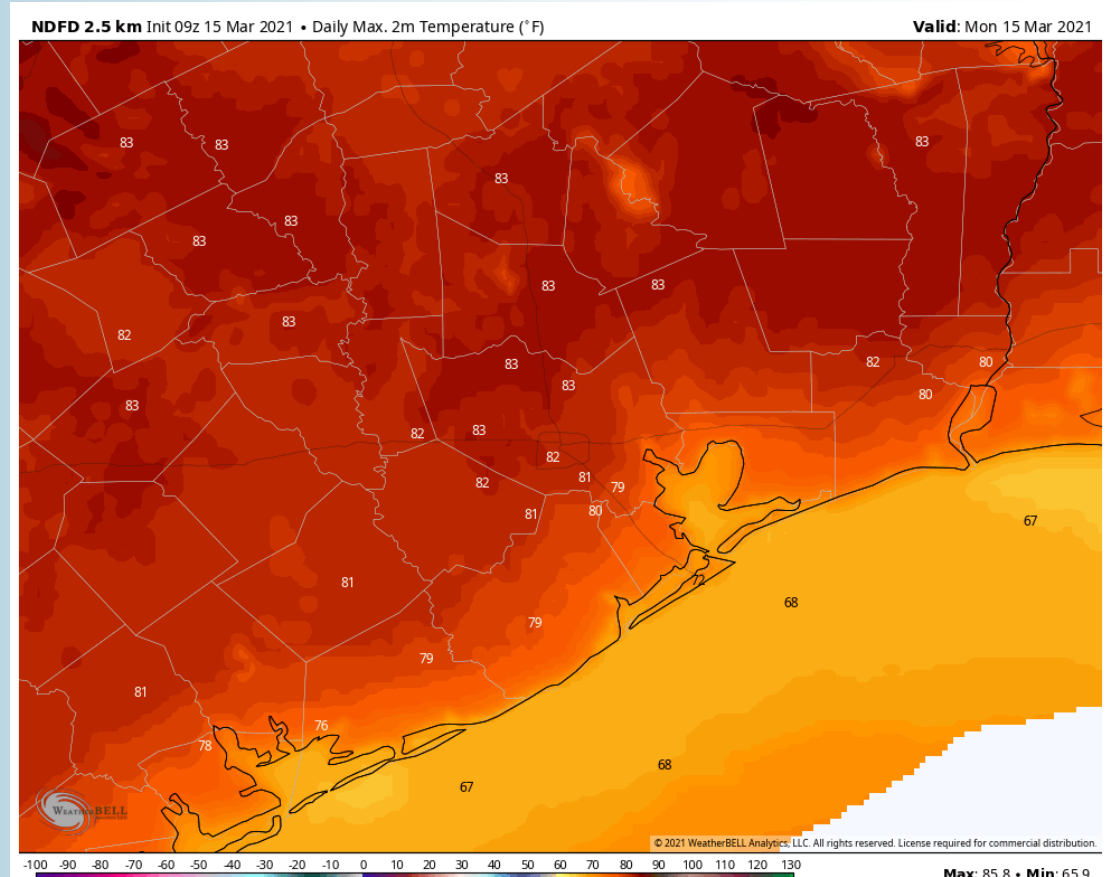
Sustained Winds (3 PM CT)



Simulated Radar Snapshot (5 PM CT)



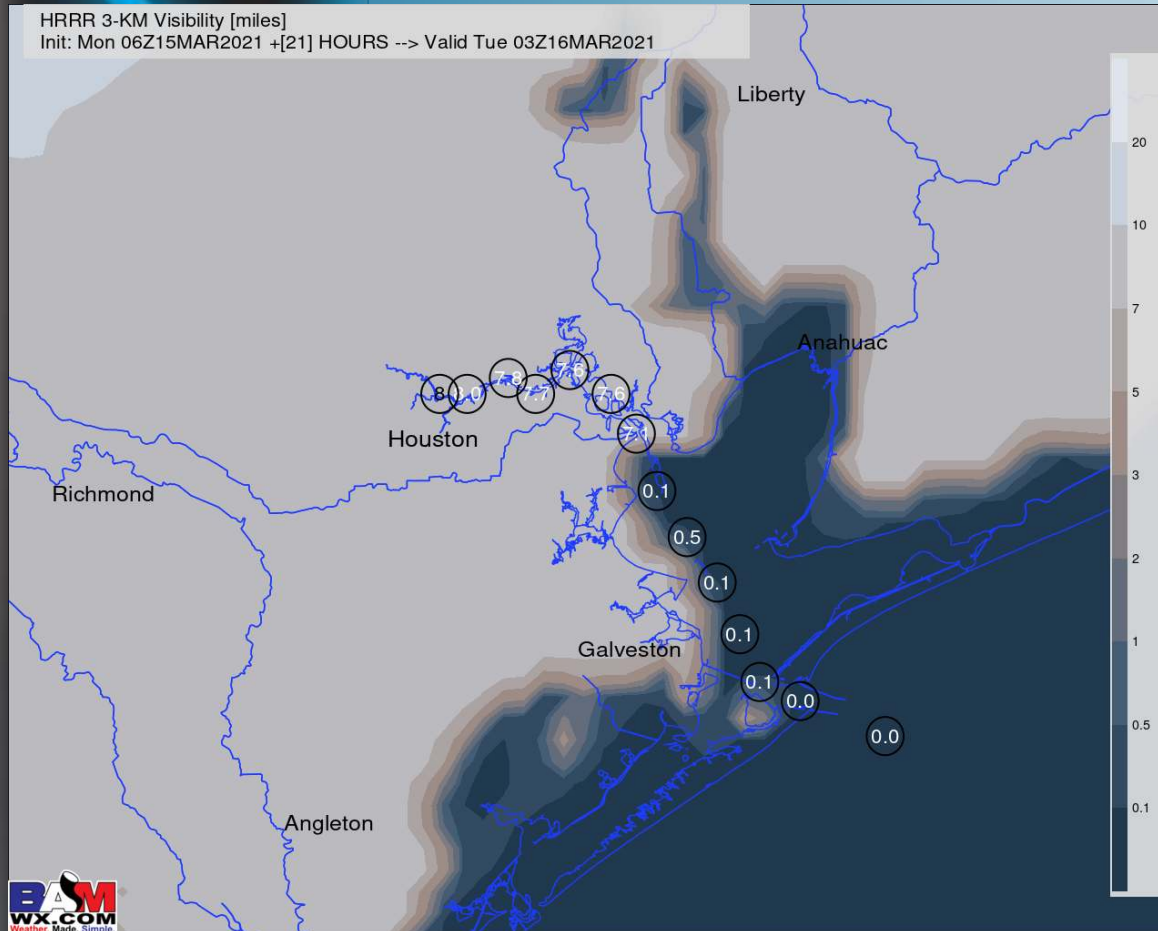
High Temperatures Monday



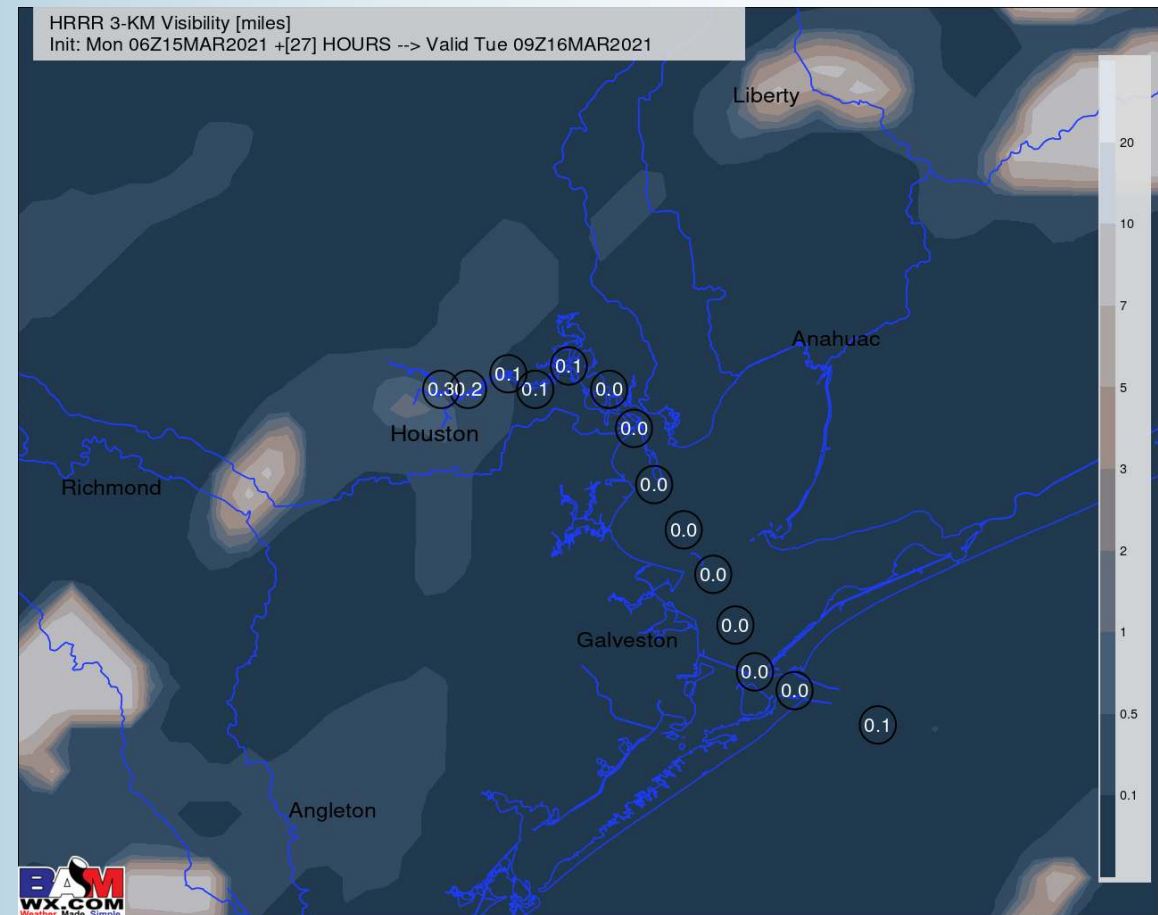
Fog Report

Tuesday, March 16th, 2021

VISIBILITY (10 PM CT MON)



VISIBILITY (4 AM CT TUE)



CONFIDENCE

Below
Normal

Above
Normal

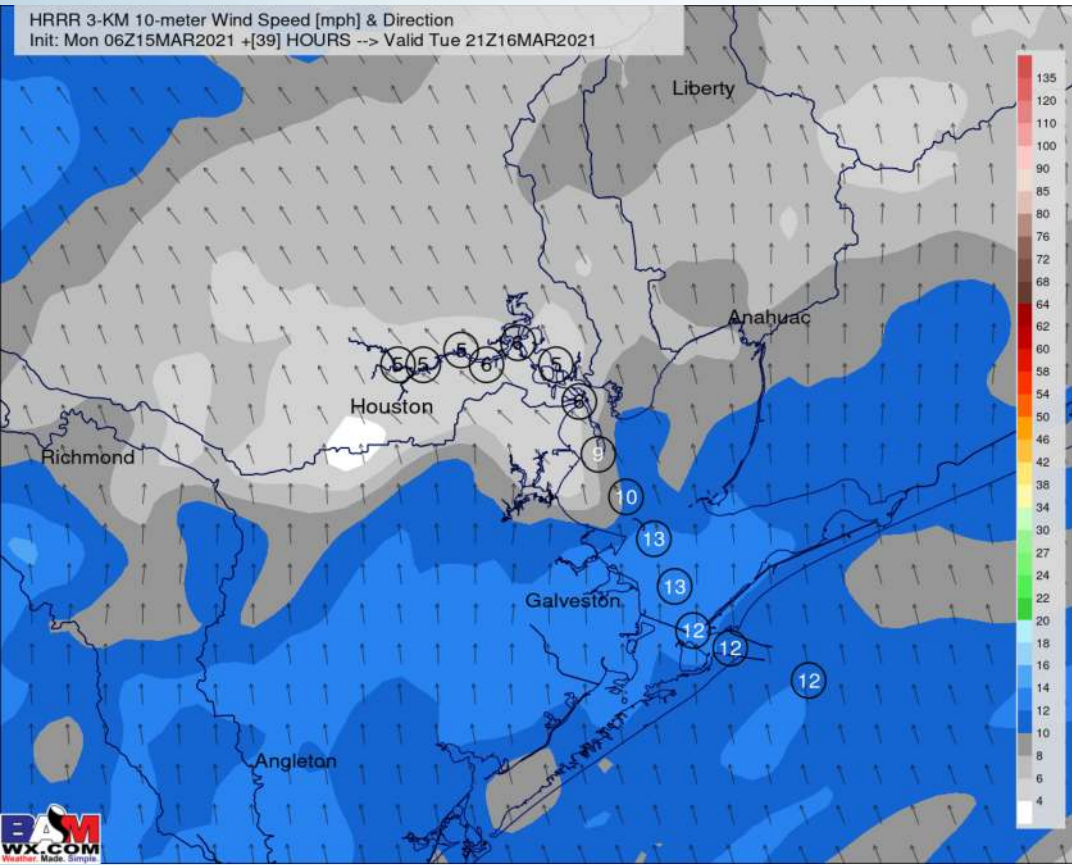
- ***As mentioned on the previous slide, fog chances will be expanding north throughout the evening hours tomorrow, with areas from the boarding station to 75/76 most likely to see fog.***
- ***This expands overnight to include the rest of the northern stations with widespread fog threats possible by 2 – 4 AM. Note, areas from 75/76 and points south are most likely to see the most persistent low visibilities with some lulls at times for Morgan's Point to the 610 Bridge.***
- ***The dense fog threat especially from 75/76 and points south likely lingers into 1 – 3PM Tuesday before winds start to pick up and fog should begin to become less widespread and eventually break down, though we may try to see a more patchy resurgence after 6-7 PM Tuesday evening for southern stations.***

Short-Term Forecast Discussion

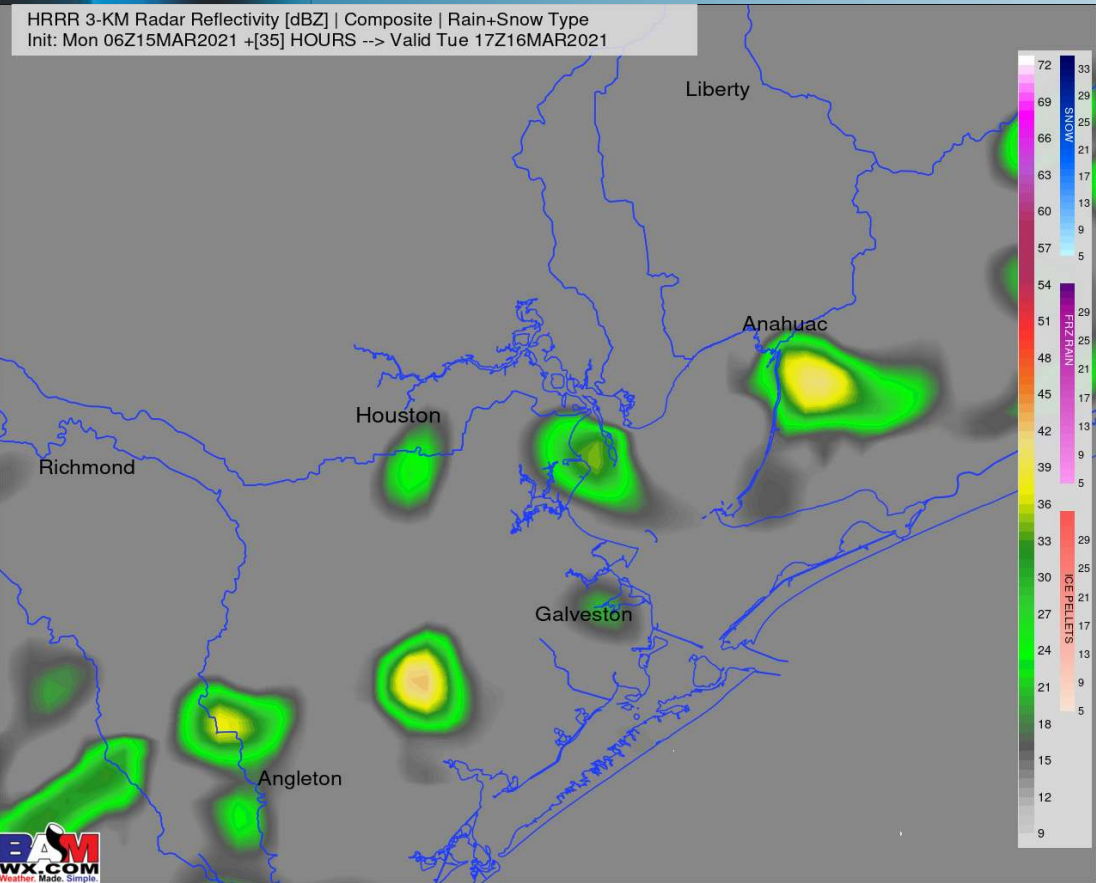
- A boundary will re-develop tomorrow morning in the area prior to winds picking back up which could allow for scattered shower chances late tomorrow morning and early in the afternoon hours. Overall, these should be quite light in nature.
- Winds will be light on Tuesday morning, but pick up after the boundary passes mid-day. Winds the first half of the day will be rather light and variable but after ~1-4 PM expecting winds to increase to 8-13 MPH with gusts 13-18 MPH possible.
- Tuesday will see temps in the lower to mid 70s for most, closer to 80 near the HOU metro
 - *See fog slide above for more information on Tuesday Fog threats.*

Tuesday, March 16th, 2021

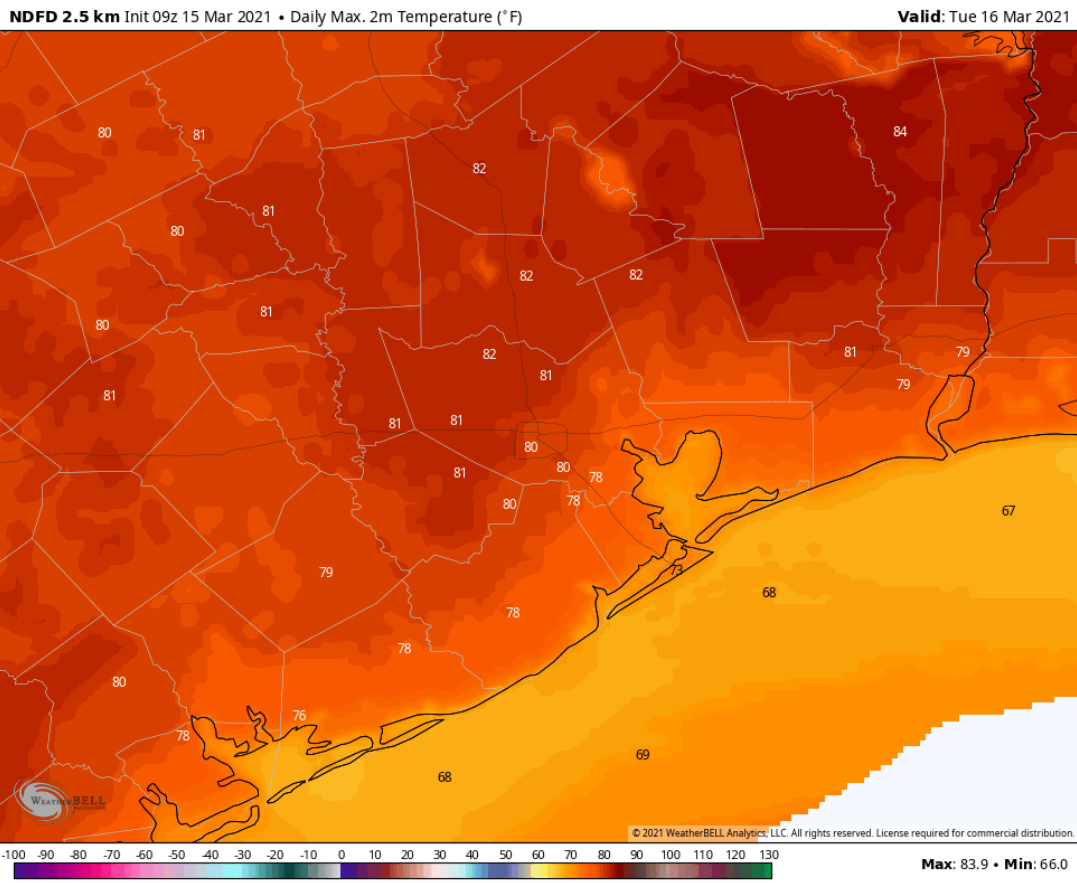
Sustained Winds (4 PM CT)



Simulated Radar Snapshot (12 PM CT)



High Temperatures Tuesday

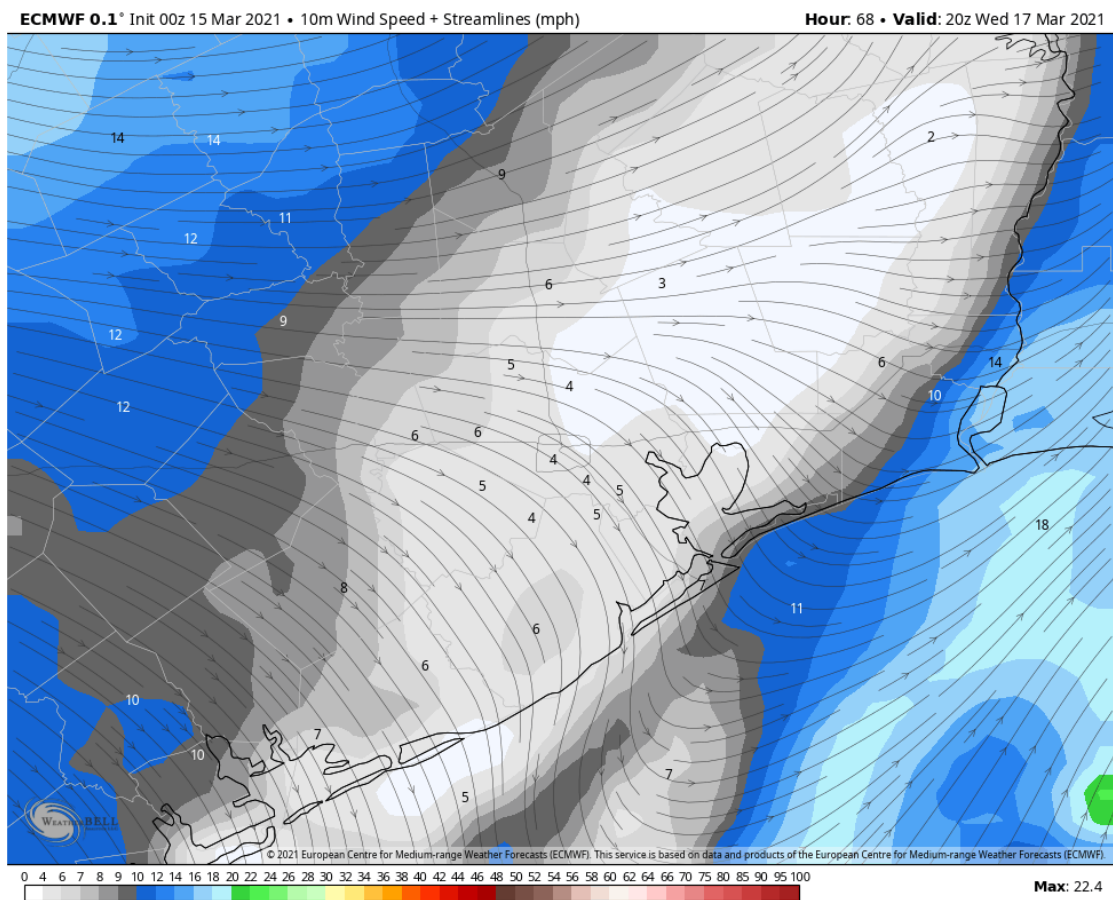


Short-Term Forecast Discussion

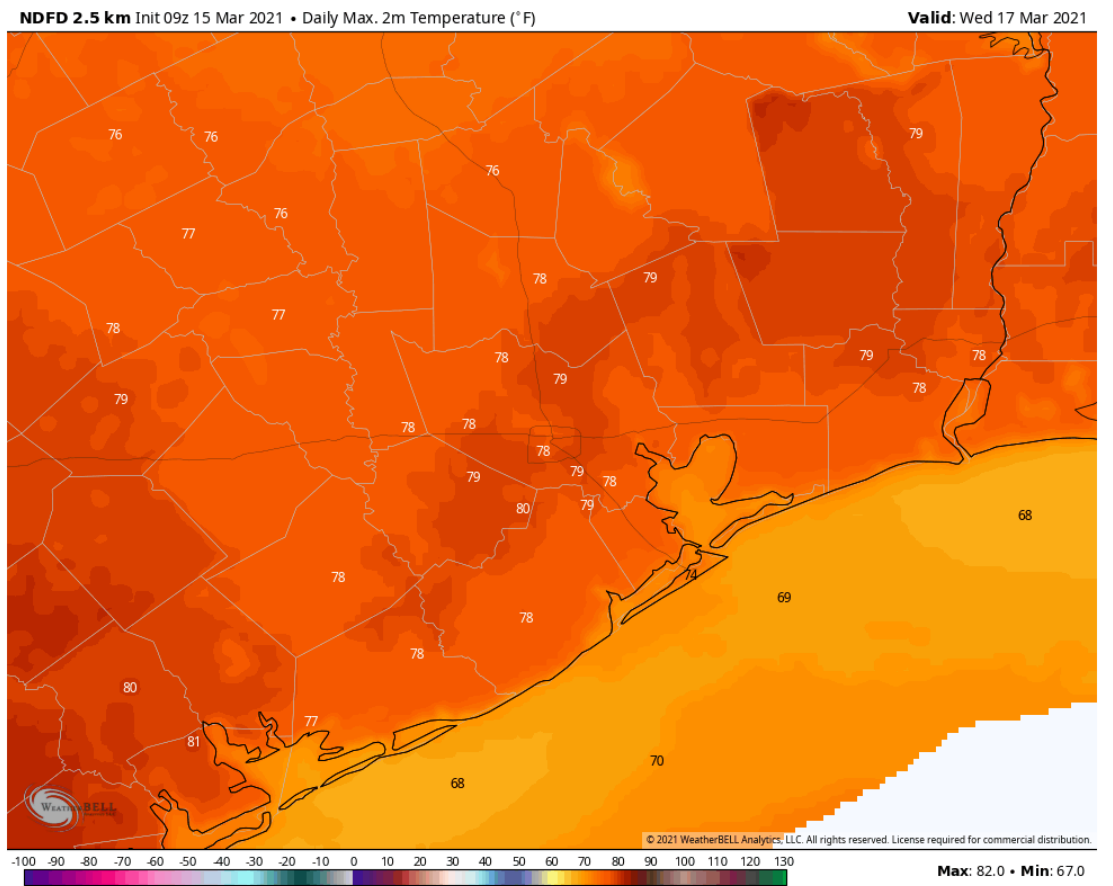
- A frontal boundary will pass through the area in the late morning hours Wednesday morning bringing with it a wave of showers and potentially storms that could bring through locally strong wind gusts of 35 MPH.
- Winds are anticipated to be 10-20 MPH with gusts 20-25 MPH from the SSE. Gustiest of winds are most likely upon the cold front passage ~10AM – 12PM. Winds behind this front look to calm/ shift NW with sustained winds at 5-10 MPH.
- High Temperatures look to get into the low 70s over open waters, with upper 70s inland.
- *Some data would suggest patchy fog risks continue over water into Tuesday night and Wednesday morning, but with elevated winds, at this distance this chance looks to be lower. We can't rule out something patchy into Wed. morning, but we think it would be more variable given the winds. We'll need to keep an eye on it and fine tune the next few days.*

Wednesday, March 17th, 2021

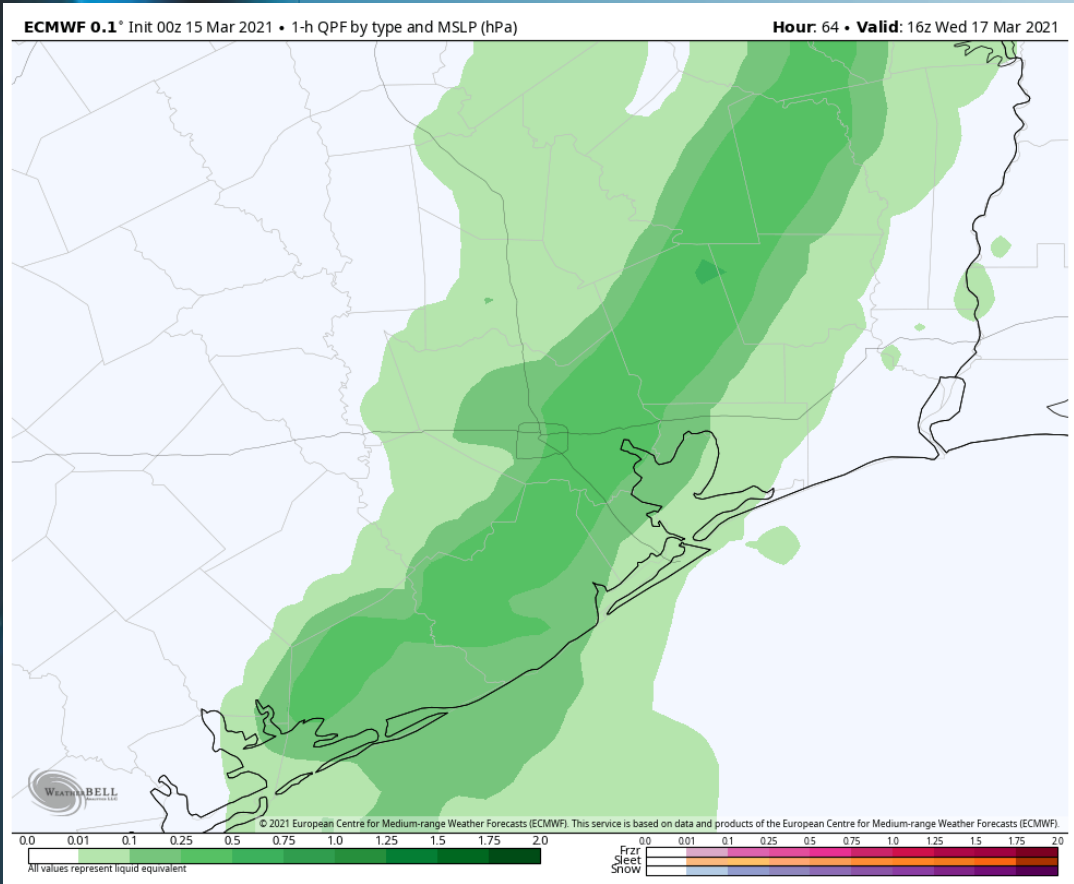
Sustained Winds (3 PM CT)



High Temperatures Wed.



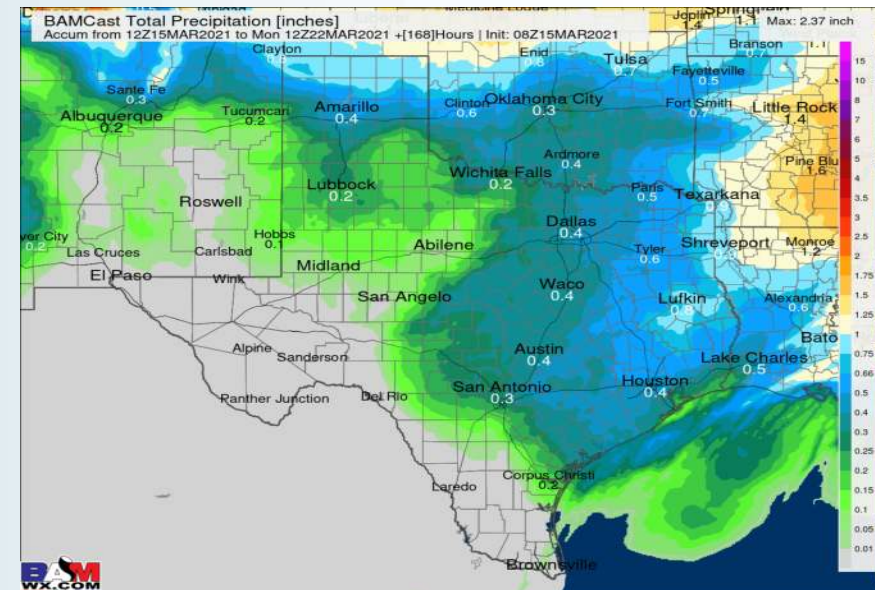
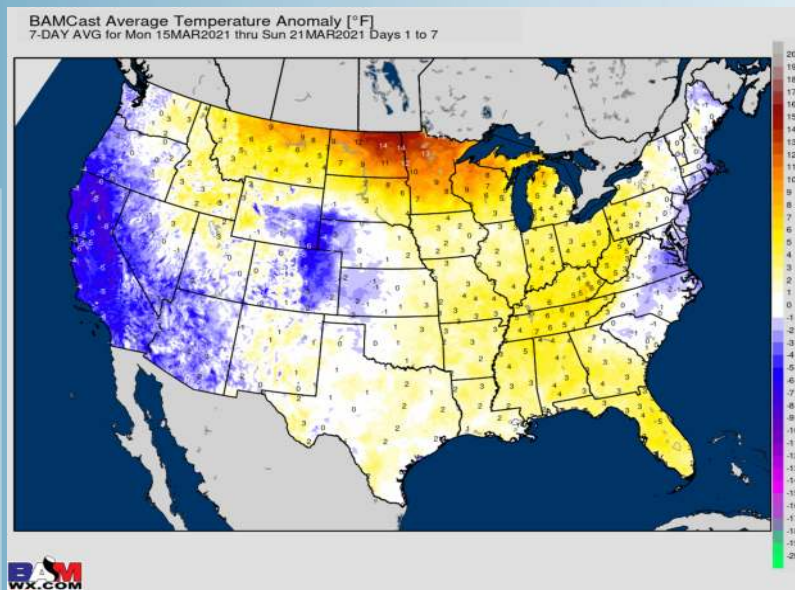
Simulated Radar Snapshot (11 AM CT)



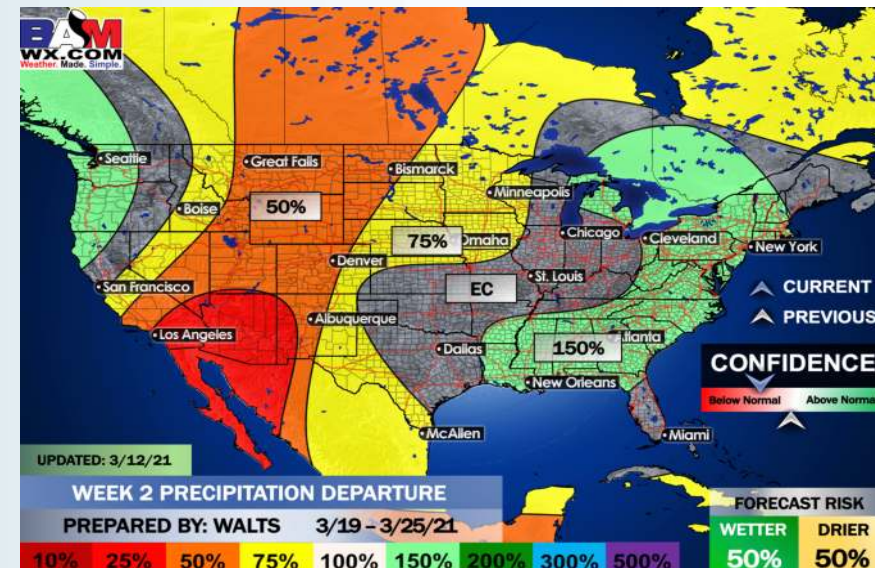
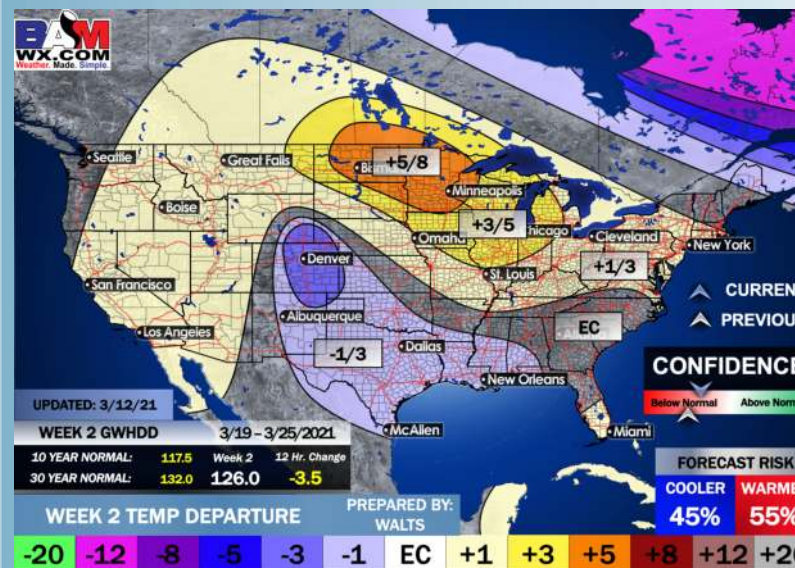
Week 1 Forecast

Long-Range Forecast Discussion

- The first half of this week will be much more active than the back half. We are watching precip chances out through Wednesday (best overall chances this week), when a front works through and will usher precip chances out of the area. At this distance, favoring Thu- Sun to be on the drier side. Temps likely sit near normal
- The week 2 timeframe will offer up some precipitation risks with the best potential just East of the Houston area. Temperatures will likely drop below normal for this period.
- The end of March/ early April will feature a more active subtropical jet with increased moisture risk. Temperatures are expected to be warmer than normal.



Week 2 Forecast



Weeks 3/4 Forecast

