

**Updated: 3:00 PM CT Sunday, March 14, 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

## Sunday, March 14, 2021

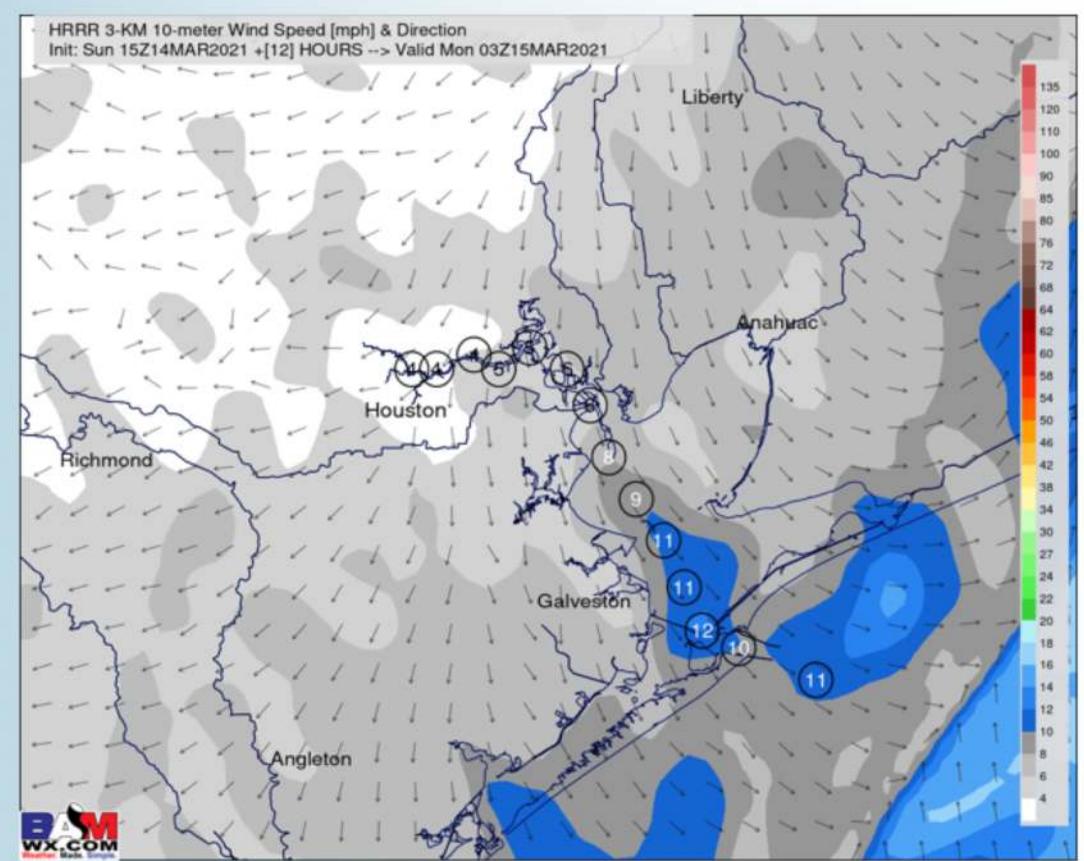
# HOURLY VISIBILITY BREAKDOWN (in miles)

Time	03-14-2021 Sun 11am	03-14-2021 Sun 12pm	03-14-2021 Sun 1pm	03-14-2021 Sun 2pm	03-14-2021 Sun 3pm	03-14-2021 Sun 4pm	03-14-2021 Sun 5pm	03-14-2021 Sun 6pm	03-14-2021 Sun 7pm	03-14-2021 Sun 8pm	03-14-2021 Sun 9pm	03-14-2021 Sun 10pm	03-14-2021 Sun 11pm	03-15-2021 Mon 12am	03-15-2021 Mon 1am	03-15-2021 Mon 2am	03-15-2021 Mon 3am	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	
Houston Pilots N - 610 Bridge	8.923	10.00	10.00	10.00	10.00	3.897	6.607	8.607	8.759	8.652	8.471	7.397	8.673	8.166	7.790	4.90	4.90	4.90	3.90	2.92	2.47	1.11	3.90	6.92	8.99	10.00	9.06	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00
Houston Pilots M - Kinder 1	9.450	10.00	10.00	10.00	10.00	5.776	5.274	8.579	8.549	8.758	8.522	7.260	8.660	8.155	7.783	5.82	4.90	4.90	3.90	2.94	2.89	1.54	3.90	6.92	8.99	10.00	9.68	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	
Houston Pilots L - Greens Bayou	9.764	10.00	10.00	10.00	10.00	8.090	3.063	7.885	8.359	8.844	8.505	8.106	8.534	8.120	7.823	5.94	4.90	4.90	3.90	2.94	2.94	1.59	3.90	6.92	8.99	9.21	9.03	9.03	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	
Houston Pilots K - Shell Crude	10.00	10.00	10.00	10.00	10.00	8.414	2.141	6.316	7.707	8.537	8.040	7.834	8.208	8.167	7.895	5.94	4.90	4.90	3.90	2.94	2.94	1.68	3.90	6.92	8.99	8.99	9.03	9.03	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	
Houston Pilots J - Lynchburg Ferries	9.342	10.00	10.00	10.00	10.00	8.583	2.247	5.912	7.818	8.406	8.115	8.395	8.380	8.272	7.925	5.94	4.67	3.69	2.92	2.21	2.21	1.36	2.92	6.67	8.74	8.99	9.63	9.81	10.00	10.00	10.00	10.00	9.00	8.49	8.10	8.76	
Houston Pilots I - Exxon 3	8.528	8.671	10.00	10.00	10.00	8.624	5.758	3.486	7.630	8.067	8.153	8.799	8.467	8.412	8.002	5.94	4.90	4.90	3.90	2.94	2.94	1.99	3.90	6.92	7.95	8.70	7.92	8.72	9.78	10.00	10.00	10.00	10.00	10.00	10.00	10.00	
Houston Pilots H - Morgans Point	7.937	7.893	9.231	9.679	9.618	8.422	7.703	2.672	7.240	7.863	7.933	7.217	7.373	8.184	7.920	5.95	3.10	2.27	1.84	1.41	1.41	0.98	1.84	5.43	6.99	8.52	8.07	10.00	10.00	10.00	10.00	10.00	9.06	6.42	6.31	6.31	6.41
Houston Pilots G - 75/76	7.687	7.945	8.515	9.021	8.685	7.911	7.722	6.233	6.781	7.294	7.924	6.609	7.303	7.740	7.837	4.90	1.64	0.41	0.31	0.31	0.19	0.19	0.16	1.37	4.52	7.95	9.03	10.00	10.00	10.00	10.00	10.00	5.52	1.62	1.52	1.52	1.71
Houston Pilots F - 63/64	7.815	8.039	8.642	9.161	8.477	7.926	7.817	7.686	4.064	5.954	7.268	7.091	7.824	7.209	7.717	4.90	1.64	0.98	0.93	0.93	0.16	0.16	0.16	0.80	1.39	5.54	8.02	9.03	9.17	8.54	7.53	3.03	0.74	0.19	0.19	1.15	
Houston Pilots E - 51/52	7.871	8.133	8.661	9.175	8.313	7.961	7.890	7.649	4.408	6.394	5.614	7.263	7.790	7.054	7.707	4.90	1.90	1.90	1.85	1.85	0.16	0.16	0.16	0.16	0.16	4.09	6.12	9.03	8.54	6.12	5.52	2.03	0.28	0.16	0.16	1.85	
Houston Pilots D - 37/38	8.134	8.516	9.082	9.422	8.461	8.100	8.105	7.658	7.270	5.305	7.224	7.475	7.726	6.996	7.749	4.90	1.53	1.53	1.49	1.49	0.16	0.16	0.16	0.16	0.16	2.10	4.57	7.21	5.67	3.47	3.37	1.27	0.28	0.16	0.16	1.23	
Houston Pilots C - 25/26	8.706	9.162	10.000	9.770	8.919	8.457	8.530	7.806	7.801	2.809	6.773	7.161	7.593	7.415	7.580	4.90	1.02	1.02	0.98	0.98	0.16	0.02	0.16	0.16	0.16	0.98	2.76	4.88	2.76	1.42	1.02	0.78	0.17	0.16	0.18	0.67	
Houston Pilots B - 11/12	8.074	8.347	8.696	8.266	7.985	7.884	7.947	7.579	7.644	3.448	6.924	6.873	7.302	7.628	7.493	4.90	0.12	0.12	0.16	0.16	0.00	0.00	0.00	0.16	0.16	0.16	1.34	1.97	0.74	0.12	0.12	0.12	0.12	0.16	0.16	0.10	
Houston Pilots A - 1 & 2 Bravo	7.737	7.911	7.897	7.626	7.602	7.641	7.619	7.581	7.581	7.238	2.617	6.165	6.829	6.134	6.038	4.90	0.12	0.12	0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.16	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.16	0.06	0.00	

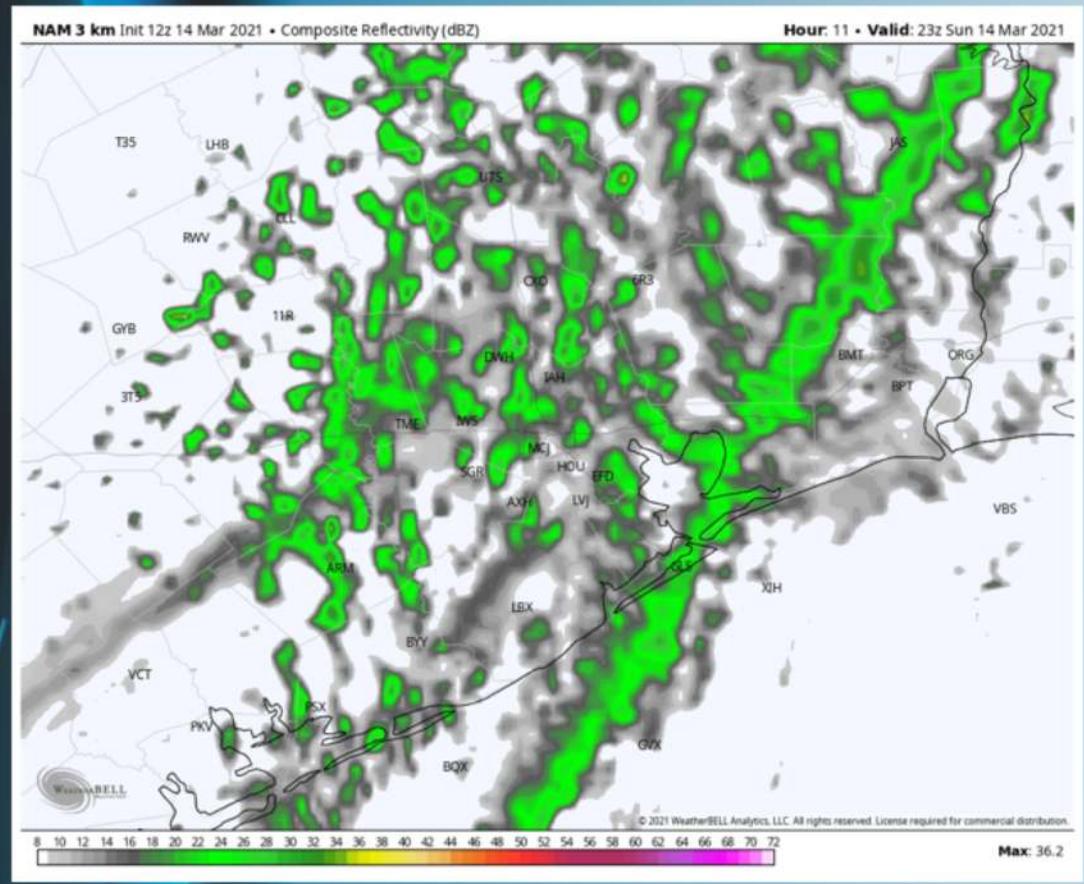
## Short-Term Forecast Discussion

- Main precipitation concerns will be with the passage of a cold front and precipitation lagging behind it. Data has slowed down a touch with this passage, now generally around 4 PM – 8 PM. The precipitation along the cold front, currently situated off to the west, will continue to push east and weaken as it is removed from the upper level support. Any rain should be lighter in nature. However, some instability in place could allow for an isolated lightning strike. Light, spotty chances will be possible in behind the front out through roughly 2 AM tomorrow morning.
- Winds are anticipated to be 10-20 MPH with gusts 20-30 MPH from the SE out ahead of this cold front. Gustiest of winds are most likely upon the cold front passage (~4-8 PM). Winds behind this front look to calm/ shift NW this evening before winds shift back from the south into Monday morning.
- Low Temperatures into tomorrow morning look to get into the mid-to-upper 50's F over open waters.
- *More information on potential Fog on the following slide for tomorrow morning.*

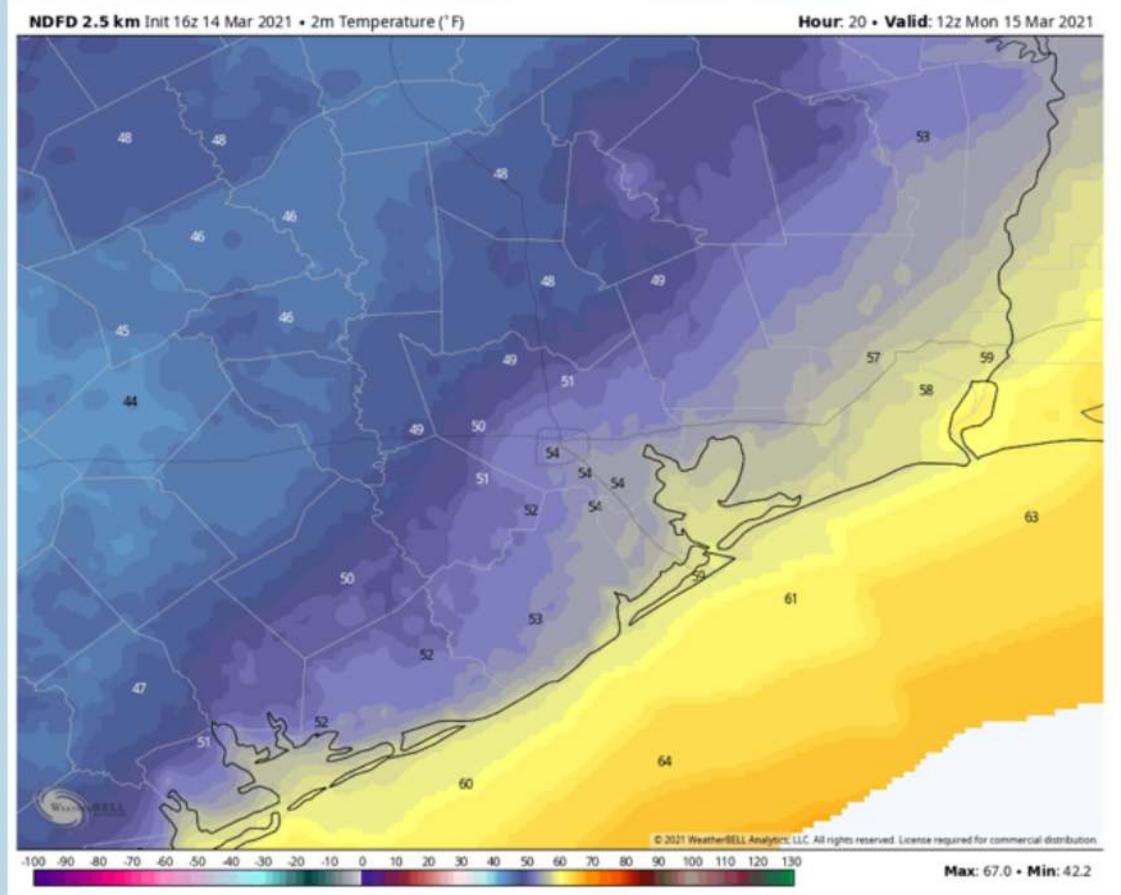
## Sustained Winds (10 PM CT)



## Simulated Radar Snapshot (6 PM CT)



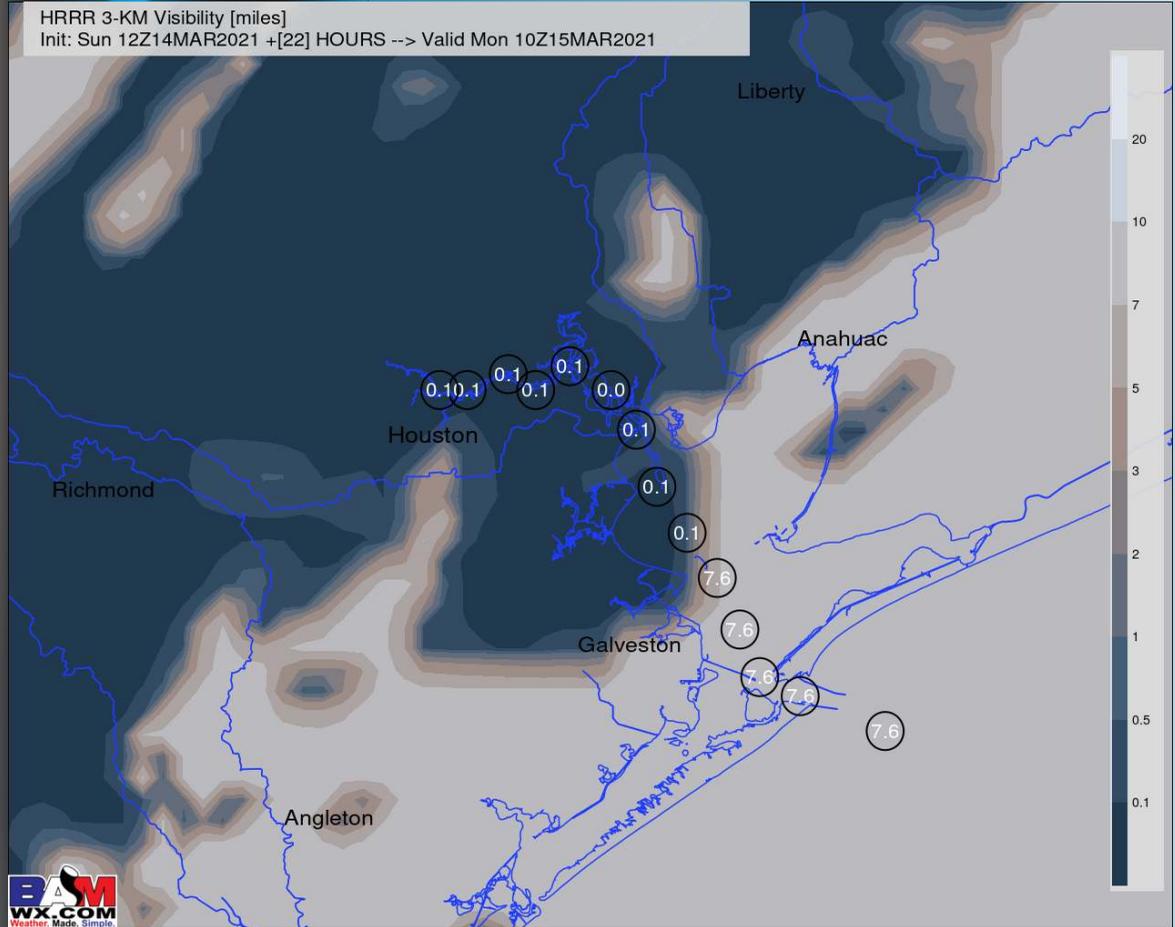
## Low Temperatures into tomorrow morning



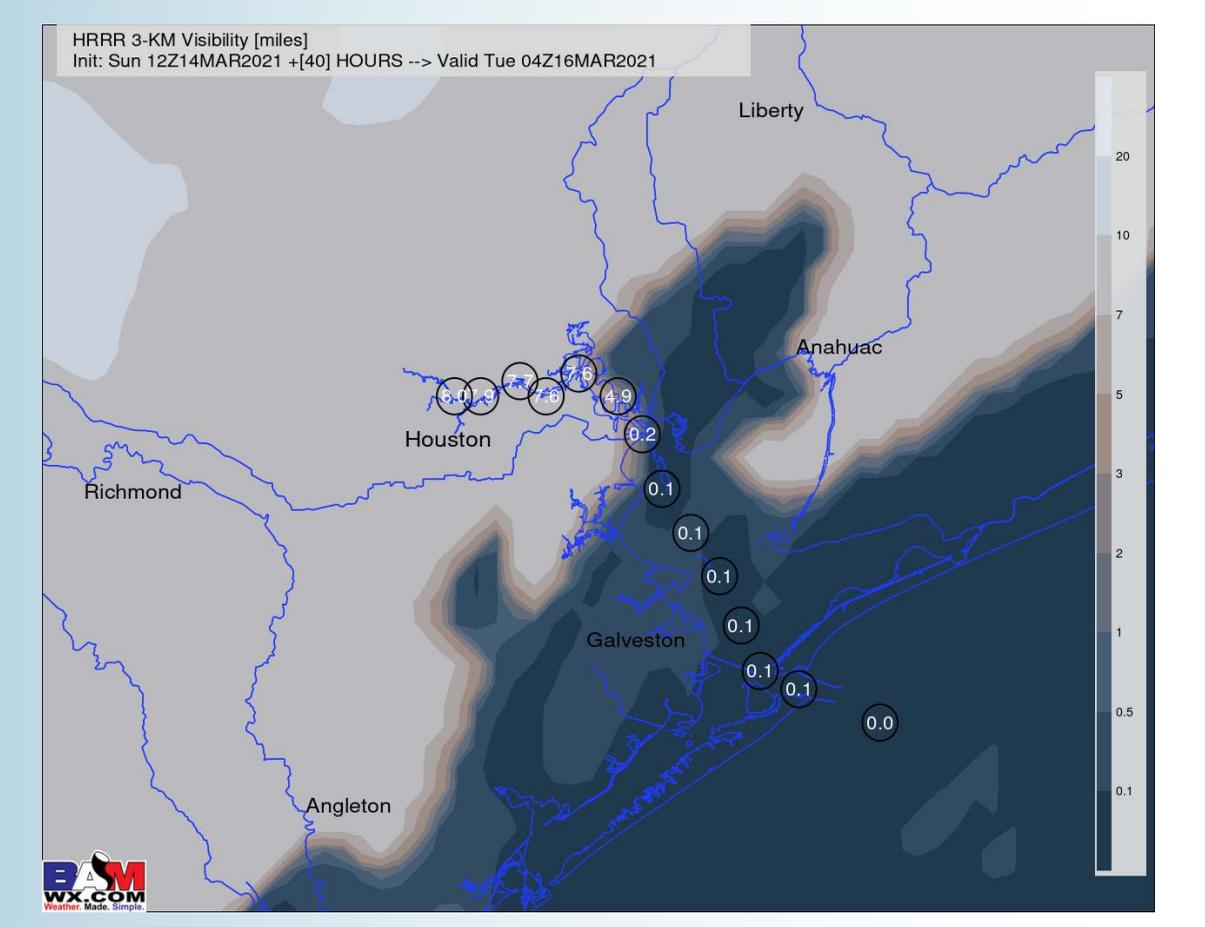
# Fog Report

## Monday, March 15, 2021

### VISIBILITY (5 AM CT MON)



### VISIBILITY (11 PM CT MON)



### CONFIDENCE

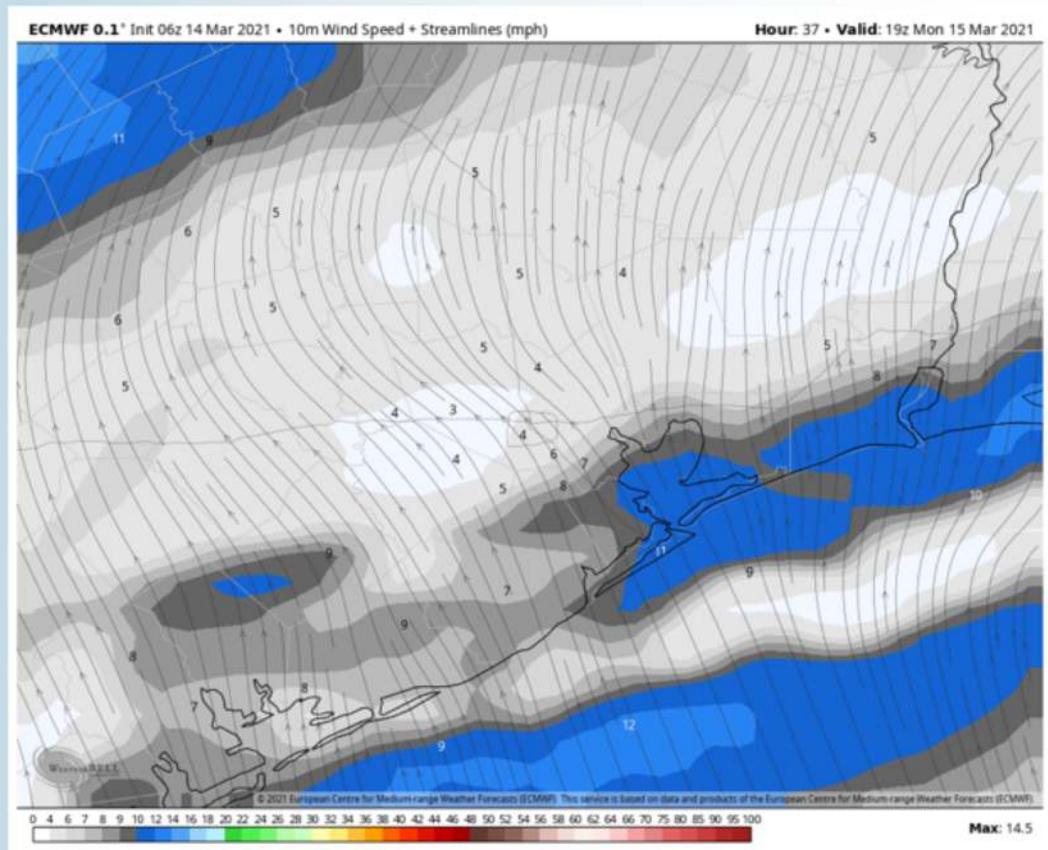
Below Normal	Above Normal
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- **Fog chances will increase for our Monday and potentially lingering into our Tuesday. We will be watching for two periods of fog, one early Monday morning and another into the evening hours with a general lull in the afternoon hours.**
- **Confidence has increased slightly on Monday morning fog vs our AM report. We are currently watching ~3 - 5 AM window for potential development near our N half of stations. and closer to ~6-8 AM for our southern half of stations. Latest guidance would suggest fog potential would not lift until the 10A-12P hours of our Monday.**
- **Into the afternoon (12 PM - 5PM) we will likely see a break in the fog before the next round of sea fog will develop. One risk to this forecast is that the boarding station may see some reduced visibilities linger into the afternoon (we think the 36 hour chart shows this risk well). We are targeting the 5-7 PM window for fog to increase near the boarding station and for the fog to slowly progress its way to the N into the evening hours. Fog likely then sticks around into Tuesday morning.**

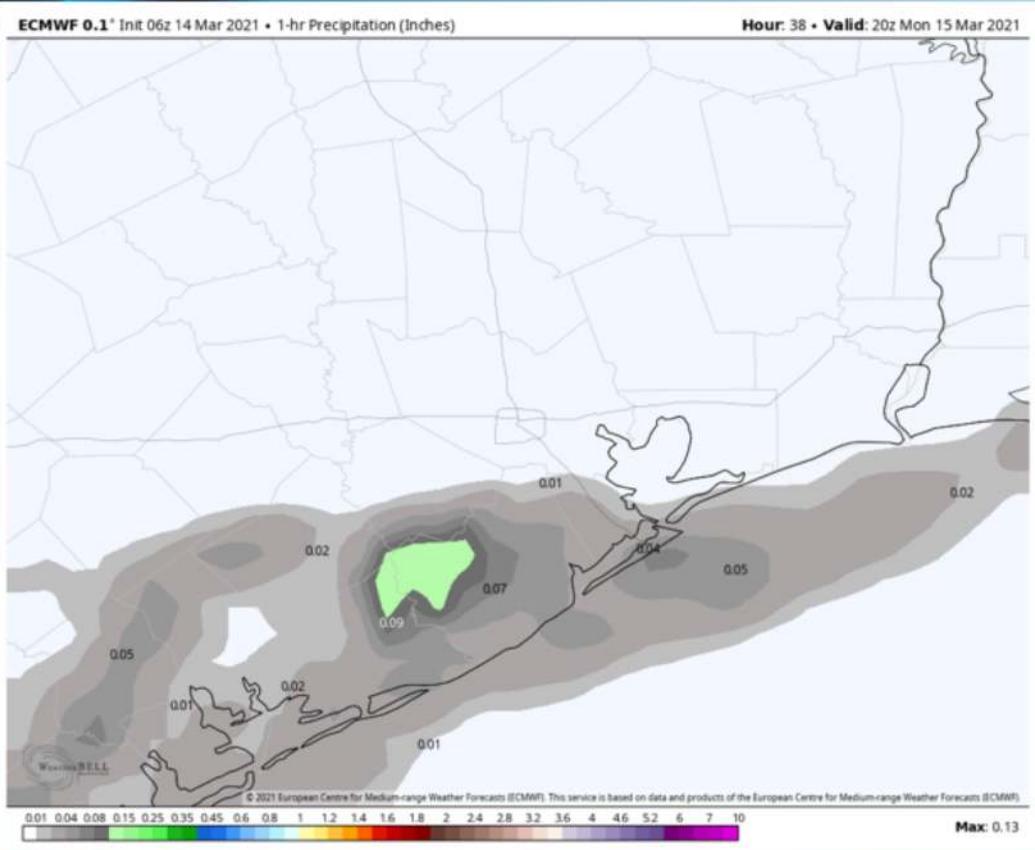
## Short-Term Forecast Discussion

- The cold front which passes later today will make a return tomorrow afternoon as a warm front and will be associated with some spotty showers. Best opportunity looks to be from ~3PM – 8 PM. Any moisture is expected to be quite light.
- Light and variable winds in the AM eventually pick up slightly into the afternoon (12PM and beyond) with sustained winds out of the 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 above on fog potential.*

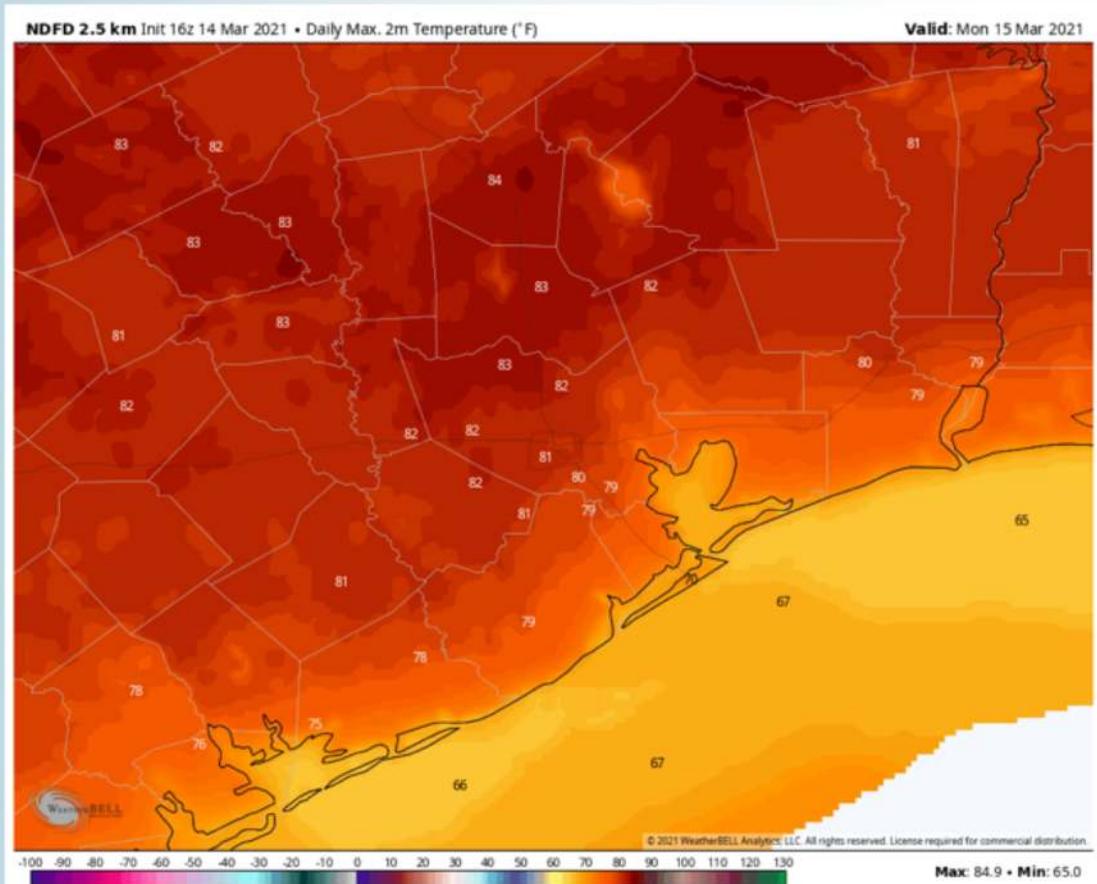
## Sustained Winds (2 PM CT)



## Simulated Radar Snapshot (3 PM CT)



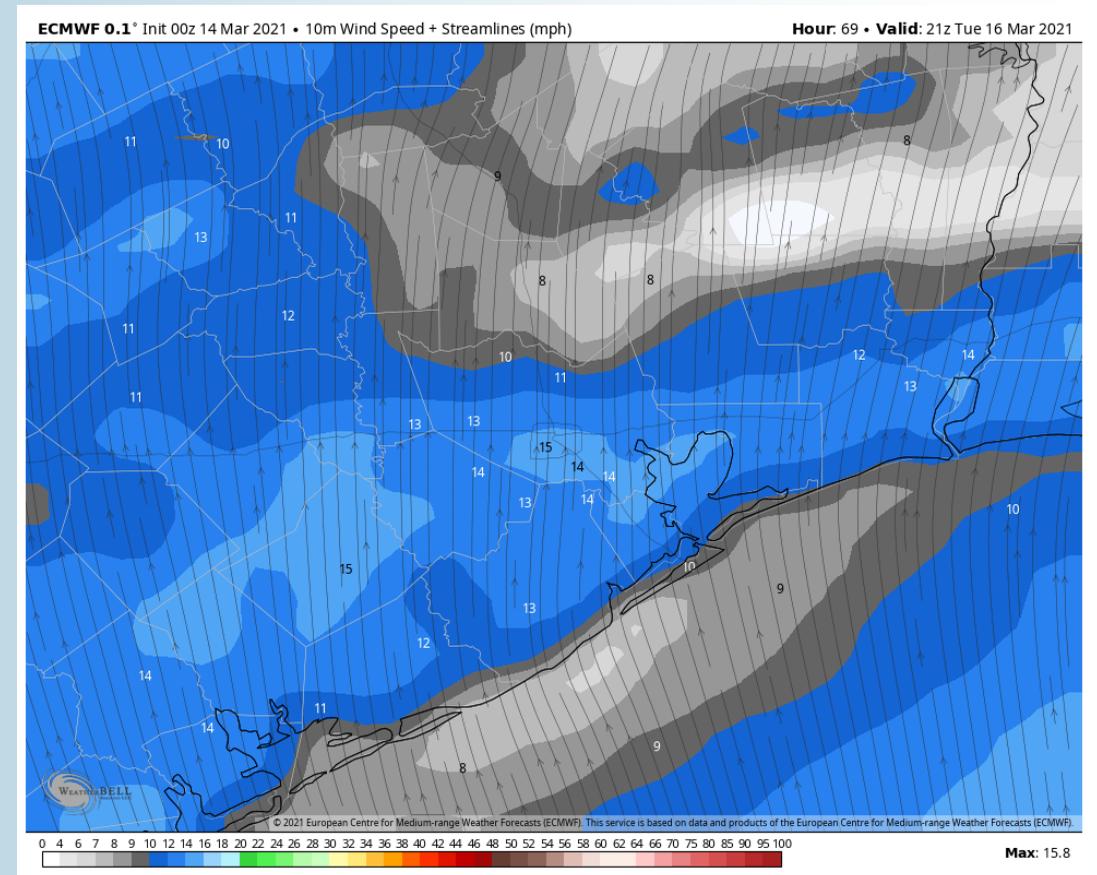
## High Temperatures Monday



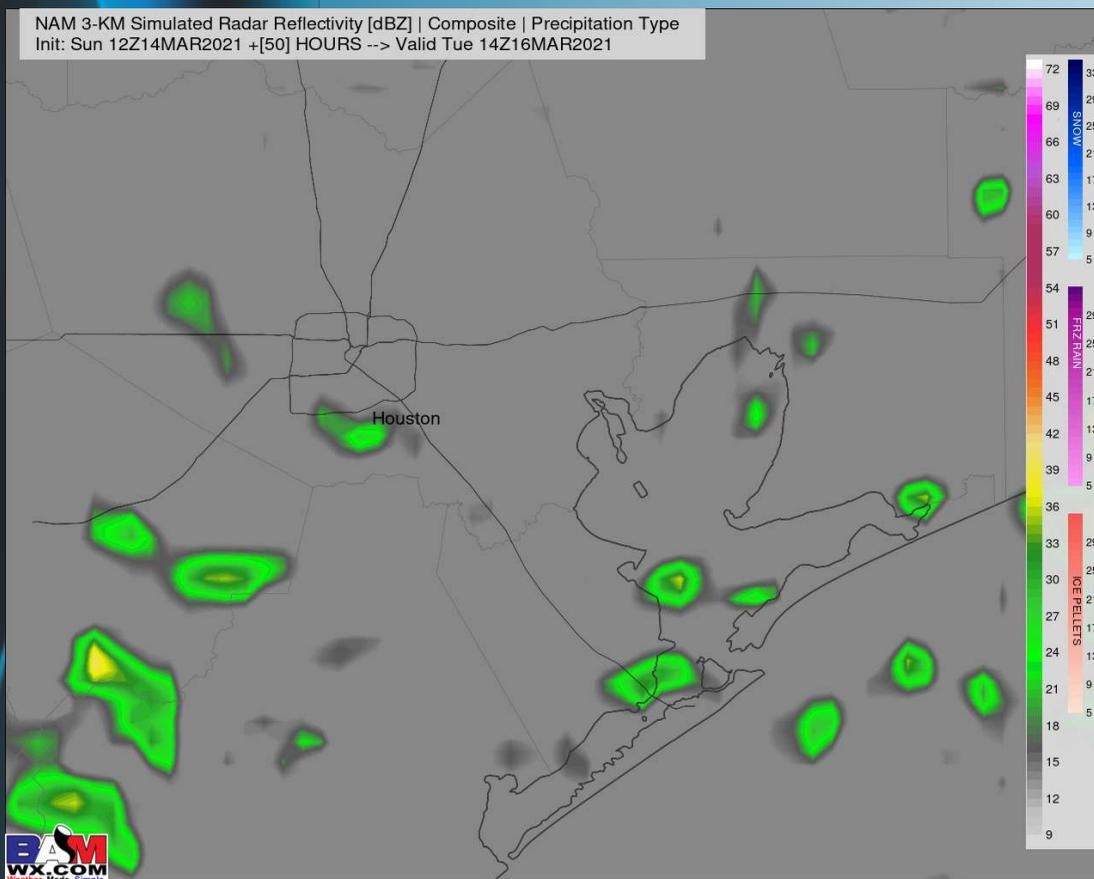
## Short-Term Forecast Discussion

- Scattered shower chances will be around on Tuesday as our flow will be onshore and allow for better moisture to be ushered into the area. Currently eyeing the morning hours (5A – 12 PM) for the best shot at scattered showers. Our next cold front looks to pass through mid-day Wednesday and bring another shot at precipitation.
- Tuesday's winds will continue coming out of the SE and gradually increase throughout the day. Winds the first half of the day will be 5-10 MPH 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
- *The continuation of fog into Tuesday AM certainly looks possible given the continued onshore flow. Right now favoring for fog to be present in the morning hours with a gradual relax into the afternoon, but more details will be provided with a fog slide in Monday's AM report.*

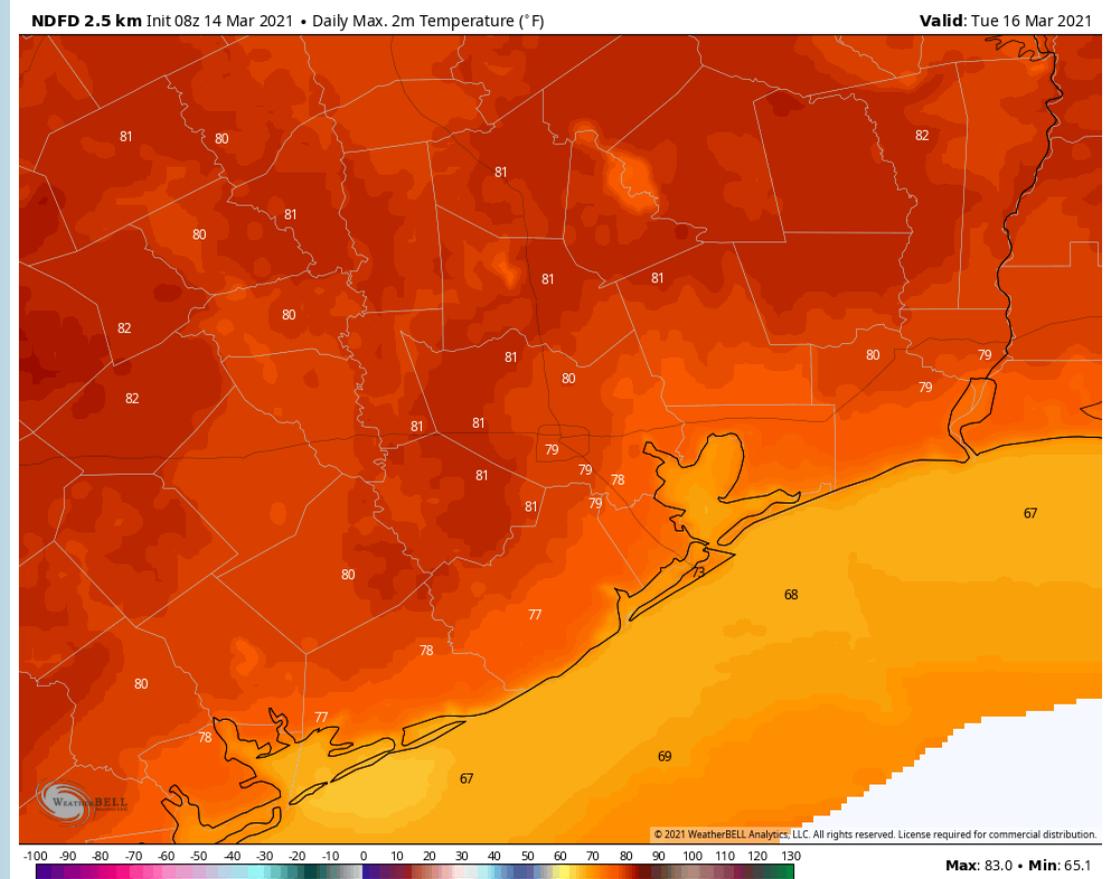
## Sustained Winds (4 PM CT)



## Simulated Radar Snapshot (9 AM CT)



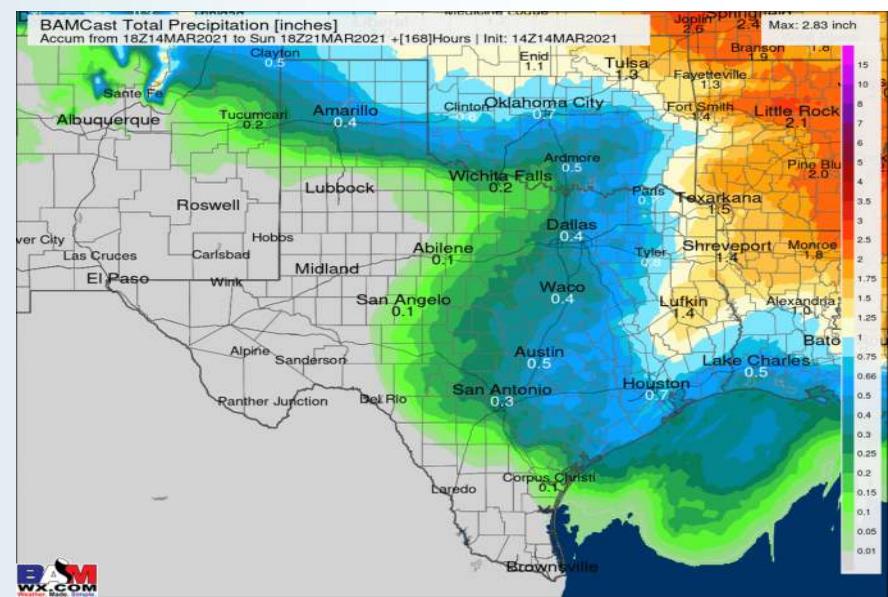
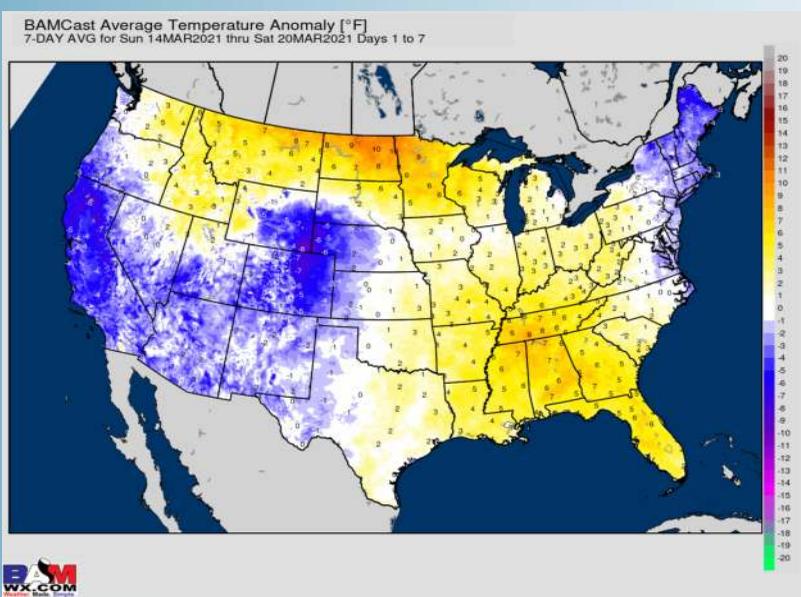
## High Temperatures Tuesday



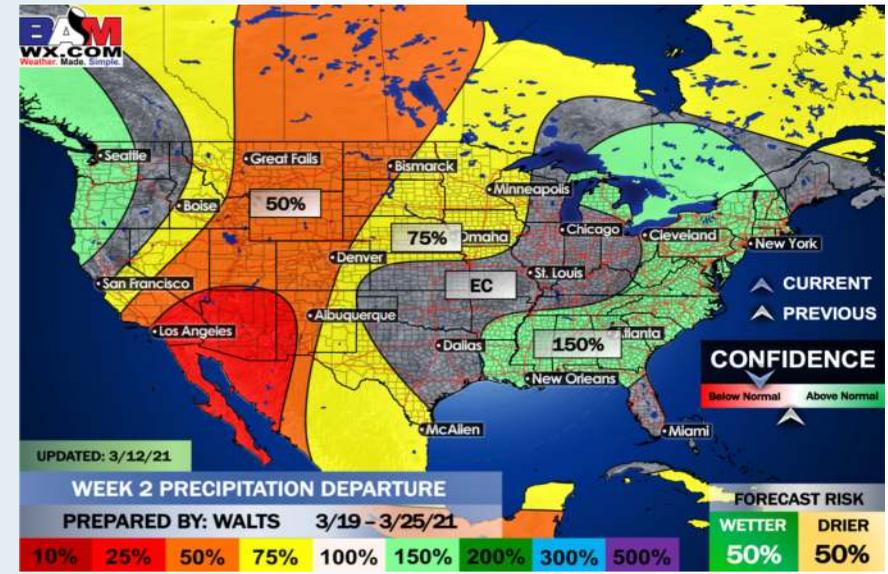
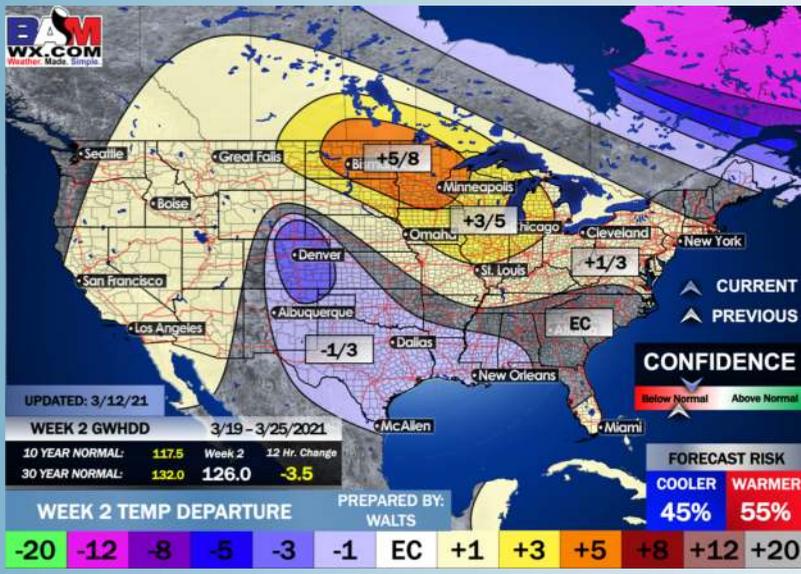
## Week 1 Forecast

### 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

