

**Updated: 1:45 PM CT Saturday, March 13, 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 13, 2021

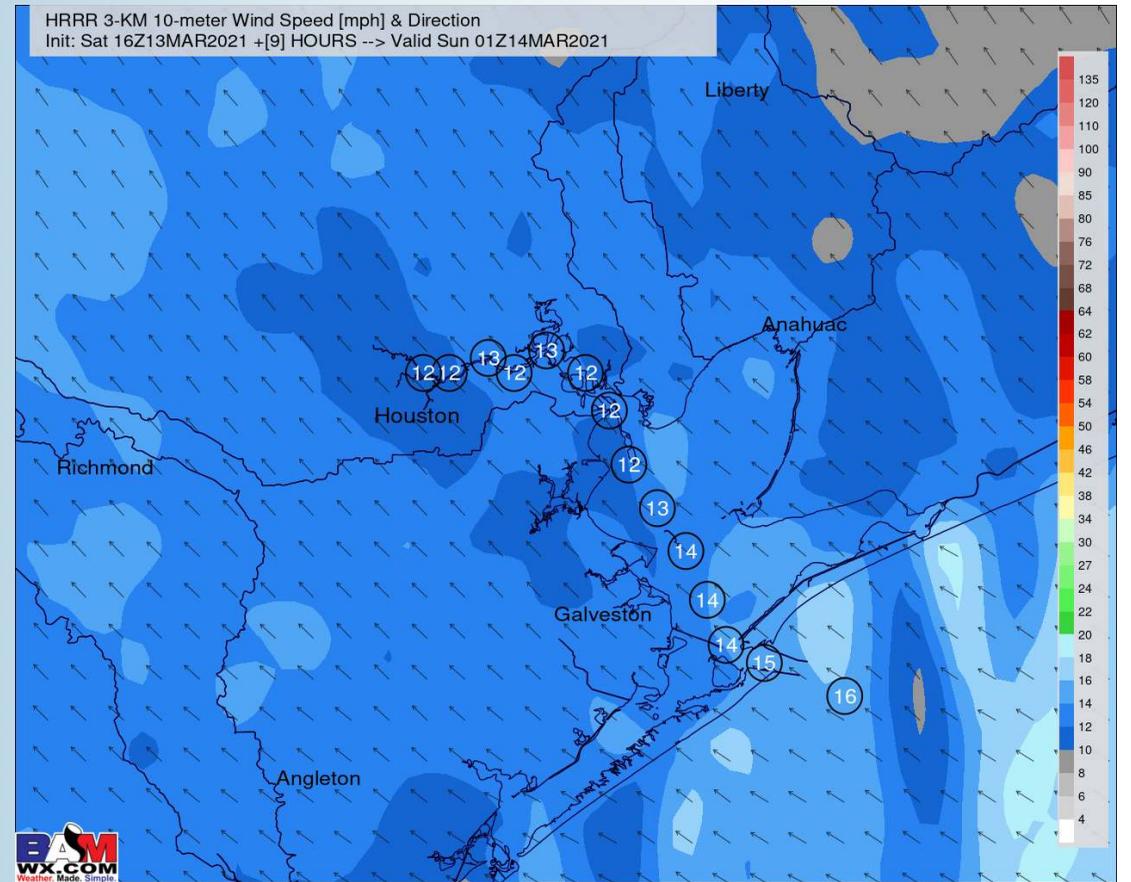
# HOURLY VISIBILITY BREAKDOWN (in miles)

Time	03-13-2021 Sat 12pm	03-13-2021 Sat 1pm	03-13-2021 Sat 2pm	03-13-2021 Sat 3pm	03-13-2021 Sat 4pm	03-13-2021 Sat 5pm	03-13-2021 Sat 6pm	03-13-2021 Sat 7pm	03-13-2021 Sat 8pm	03-13-2021 Sat 9pm	03-13-2021 Sat 10pm	03-13-2021 Sat 11pm	03-14-2021 Sun 12am	03-14-2021 Sun 1am	03-14-2021 Sun 3am	03-14-2021 Sun 4am	03-14-2021 Sun 5am	03-14-2021 Sun 6am	03-14-2021 Sun 7am	03-14-2021 Sun 8am	03-14-2021 Sun 9am	03-14-2021 Sun 10am	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				
Houston Pilots N - 610 Bridge	10.00	10.00	10.00	10.00	10.00	10.00	9.666	8.325	8.502	8.821	8.549	8.955	9.480	10.00	9.970	9.40	7.30	6.92	5.84	4.90	5.93	6.89	6.89	6.84	5.88	5.88	4.90	4.90	4.90	5.93	6.84	6.89	6.89	6.89	6.89	6.89	6.89	6.89		
Houston Pilots M - Kinder 1	10.00	10.00	10.00	10.00	10.00	10.00	9.109	8.060	8.352	8.671	8.563	8.944	9.291	10.00	9.868	9.97	7.84	6.92	5.89	5.24	6.25	6.89	7.23	6.89	5.93	5.93	4.90	4.90	5.24	5.93	6.89	6.89	6.89	6.89	6.89	6.89	6.89	6.89	6.89	
Houston Pilots L - Greens Bayou	10.00	10.00	10.00	10.00	10.00	9.007	8.139	7.476	8.002	8.363	8.443	8.789	8.820	9.580	9.474	10.00	9.28	7.75	6.92	5.93	6.89	7.92	7.92	6.89	6.29	5.93	4.90	4.90	5.93	5.93	6.89	6.89	6.89	6.89	6.89	6.89	6.89	6.89	6.89	
Houston Pilots K - Shell Crude	10.00	10.00	10.00	10.00	9.621	7.972	7.576	7.494	7.898	8.127	8.387	8.610	8.650	9.328	9.279	10.00	9.84	7.95	6.92	5.93	6.89	7.92	7.92	6.89	6.30	5.93	4.90	4.90	5.93	5.93	6.89	6.89	6.89	6.89	6.89	6.89	6.89	6.89	6.89	
Houston Pilots J - Lynchburg Ferries	9.880	10.00	10.00	10.00	8.930	7.402	7.117	7.363	7.870	8.154	8.139	8.134	8.211	8.623	8.604	10.00	9.56	7.86	7.21	6.47	7.18	7.94	7.94	7.18	7.18	6.20	5.08	4.28	6.47	7.52	8.22	8.22	7.45	7.45	7.45	7.45	7.45	7.18		
Houston Pilots I - Exxon 3	8.560	10.00	10.00	8.797	7.377	5.808	5.963	7.342	7.776	7.964	8.008	7.838	7.944	8.201	8.251	10.00	10.00	10.00	6.92	5.93	6.89	7.92	7.92	7.28	6.89	5.93	5.93	5.30	5.93	5.93	6.89	6.89	6.89	6.89	6.89	6.89	6.89	6.89	6.89	
Houston Pilots H - Morgans Point	5.356	6.243	6.211	4.290	3.150	2.461	3.418	6.476	7.505	7.719	7.755	7.647	7.695	7.818	7.822	10.00	8.96	8.39	8.00	7.50	7.50	8.46	7.96	7.96	7.50	6.93	6.50	4.19	5.00	9.26	9.69	9.69	8.07	8.07	8.07	8.07	8.07	7.50		
Houston Pilots G - 75/76	0.641	0.062	0.449	0.421	0.239	0.054	0.268	5.751	7.334	7.579	7.581	7.581	7.597	7.631	7.606	10.00	8.03	8.03	8.03	8.00	8.00	8.00	7.96	8.00	8.00	8.00	7.05	4.52	4.02	8.99	10.00	10.00	9.03	9.03	9.03	9.03	9.03	8.00		
Houston Pilots F - 63/64	0.464	0.077	0.461	0.060	0.052	0.053	2.202	6.500	7.375	7.538	7.583	7.583	7.647	7.640	7.605	10.00	8.03	8.03	8.03	8.00	8.00	8.00	6.96	8.00	8.00	8.00	8.00	6.47	4.02	7.01	10.00	10.00	9.03	9.03	9.03	9.03	8.51			
Houston Pilots E - 51/52	0.447	0.586	0.340	0.056	0.050	0.065	3.677	6.760	7.218	7.577	7.588	7.587	7.689	7.647	7.601	8.43	8.03	8.03	8.03	8.00	8.00	8.00	6.96	8.00	8.00	8.00	8.00	7.95	4.87	5.09	9.36	10.00	9.03	9.03	9.03	9.03	9.03			
Houston Pilots D - 37/38	2.025	1.908	0.162	0.048	0.047	0.068	5.137	7.379	7.561	7.630	7.604	7.581	7.694	7.639	7.599	7.37	8.03	8.03	8.03	8.00	8.00	8.00	6.96	8.00	8.00	8.00	8.00	8.00	8.00	6.74	2.87	9.03	10.00	9.03	9.03	9.03	9.03	9.03		
Houston Pilots C - 25/26	1.431	1.578	0.984	0.061	0.075	0.343	6.028	7.387	7.593	7.726	7.658	7.634	7.760	7.712	7.693	6.92	8.03	8.03	8.03	8.00	8.00	8.00	7.59	8.00	8.00	8.00	8.00	8.00	8.00	7.69	2.27	7.27	9.91	9.03	9.03	9.03	9.03	9.03		
Houston Pilots B - 11/12	0.043	0.053	0.006	0.017	0.022	0.526	5.997	7.103	7.581	7.659	7.613	7.608	7.656	7.654	7.614	6.92	8.03	8.03	8.03	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	3.44	5.42	9.03	9.03	9.03	9.03	9.03
Houston Pilots A - 1 & 2 Bravo	0.056	0.027	0.004	0.016	0.045	1.372	7.033	7.531	7.581	7.660	7.581	7.581	7.626	7.593	7.581	6.92	8.03	8.03	8.03	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	4.72	1.51	7.73	8.76	8.00	8.00	8.00		

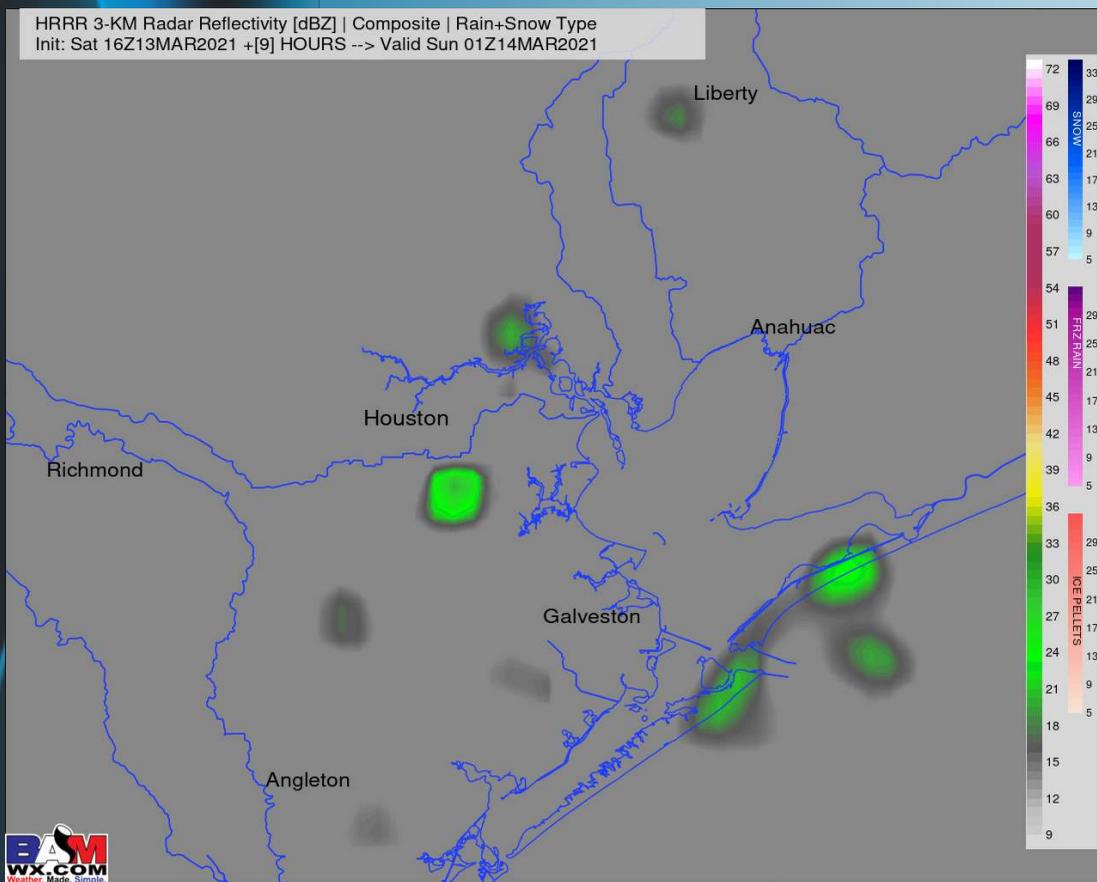
## Short-Term Forecast Discussion

- Today we will watch for yet another low end chance (~10-20%) of some light & isolated showers that look most favorable through about ~9PM. Aside from this, mostly dry conditions are anticipated.
  
- Winds should gradually pick up a bit into the afternoon with sustained winds around 13 – 18 MPH and gust of 20 – 25 MPH. Gust approaching 30 mph will be possible around the midnight timeframe. Winds will be the strongest once the sun goes down
  
- Low temperatures into tomorrow morning look to stay rather mild with temperatures getting into the mid 60's F over open waters progressing into tomorrow morning.
  - *Fog info for today is on the slide below*

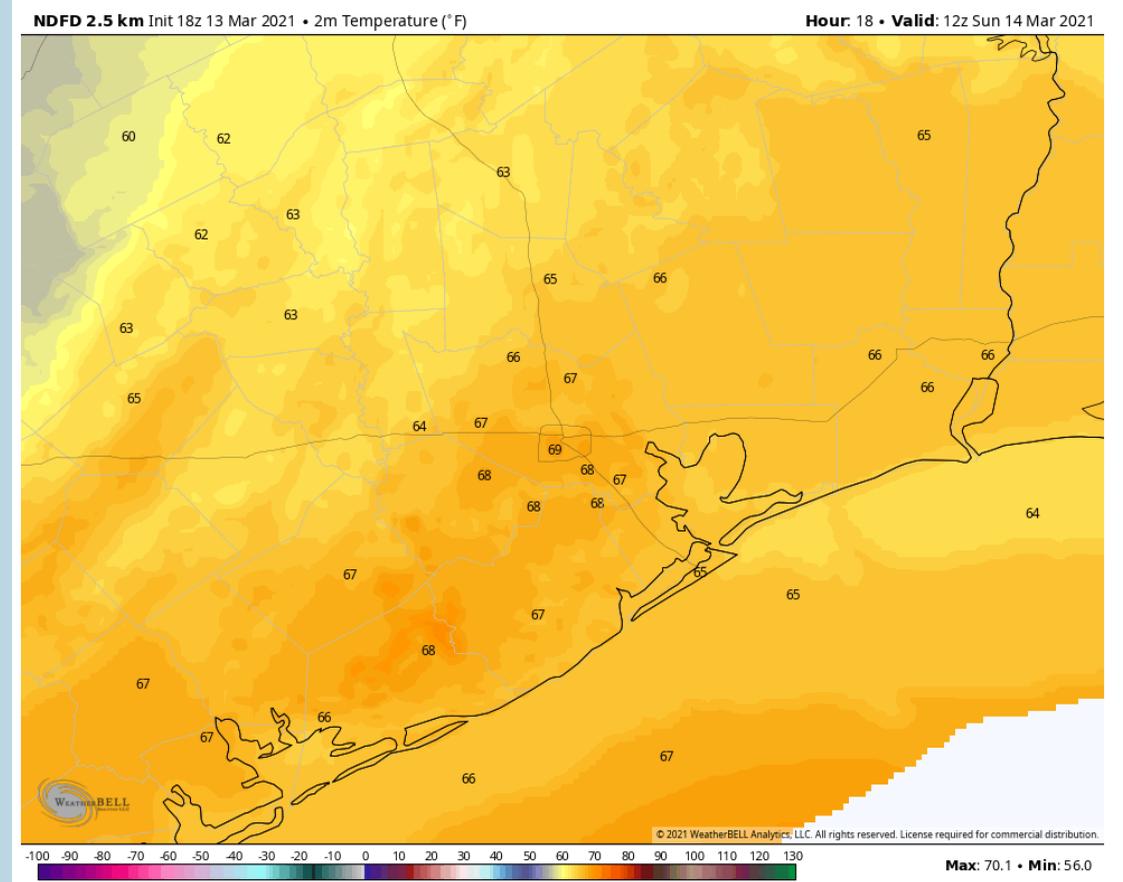
## Sustained Winds (7 PM CT)



## Simulated Radar Snapshot (7 PM CT)



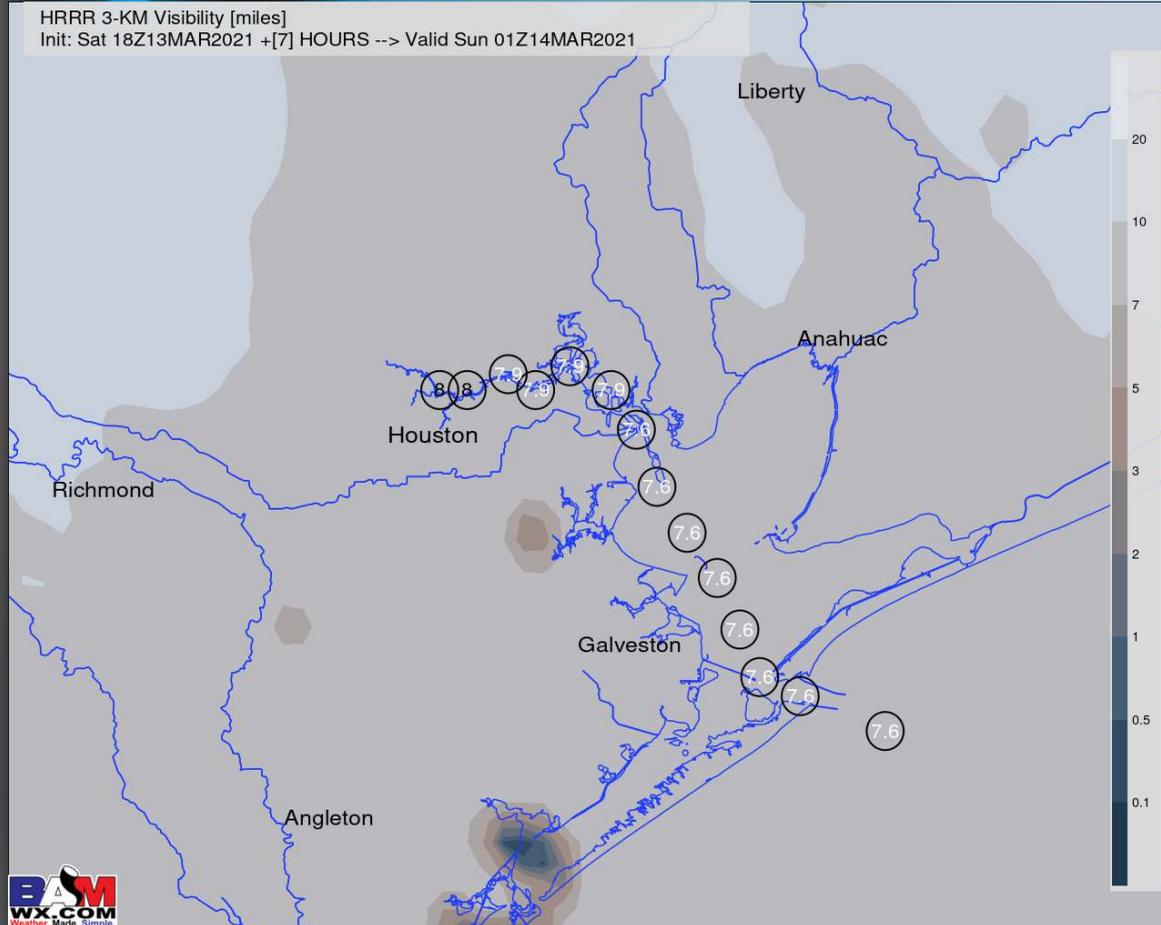
## Low Temperatures into Tomorrow Morning



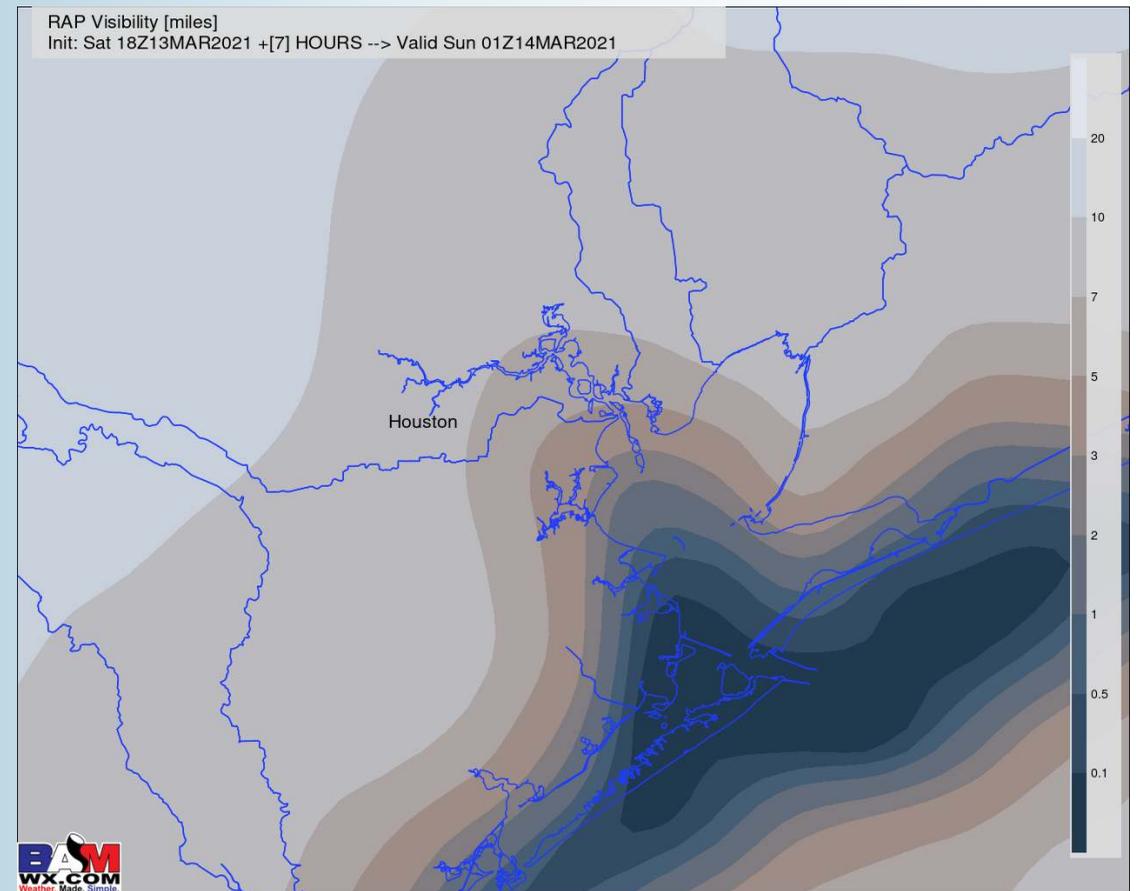
# Fog Report

Saturday, March 13, 2021

## VISIBILITY (7 PM CT SAT HRRR MODEL)



## VISIBILITY (7 PM CT SAT RAP MODEL)



## CONFIDENCE

Below Normal

Above Normal

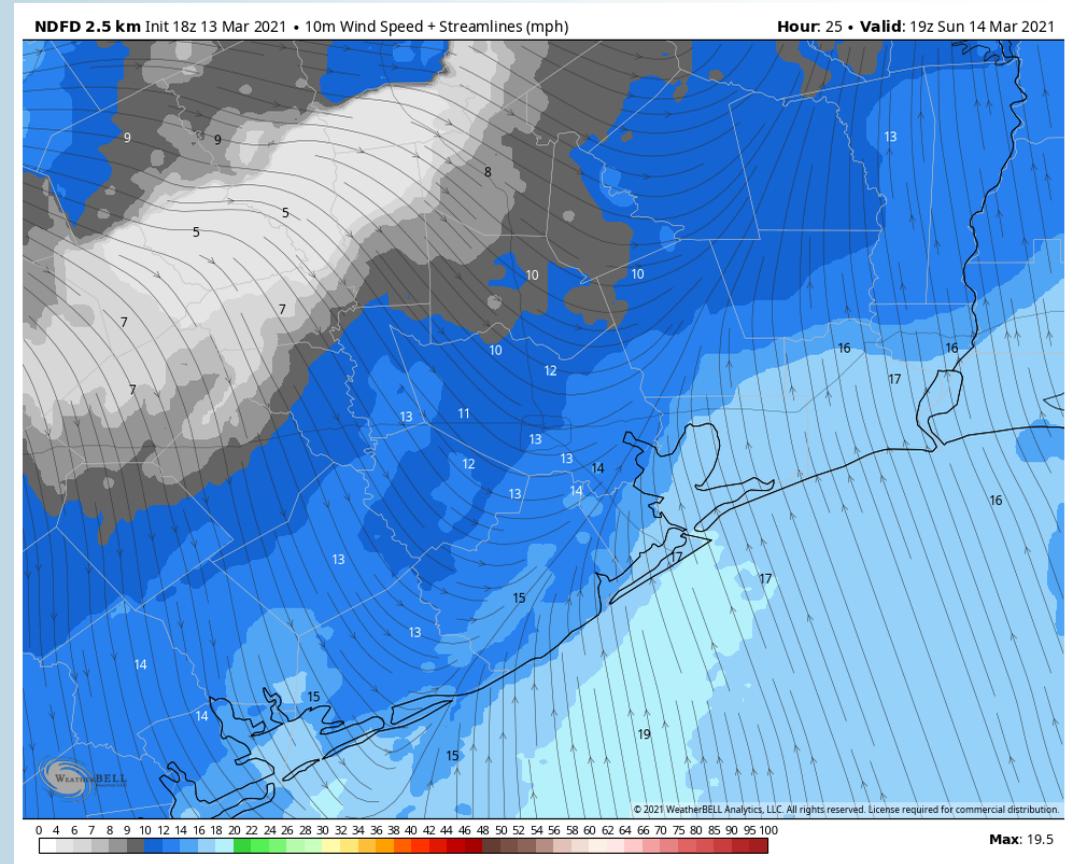
➤ ***Through the rest of the afternoon, the boarding station will be the area to watch for any reduced visibility to linger around. The ~6-9 PM window will continue to be a time period where fog \*potential\* exists south of Morgan's Point. As touched on in AM report, the exact speed of winds will have a big impact on if fog will be able to form (weaker winds than modeled = fog development). While guidance continues to be split on the fog (as shown above), our forecast would lean on the side of fog not being present in that timeframe, but we cannot say the fog threat in that window is 0%. Working into the overnight hours and early morning hours of Sunday, we are not favoring fog.***

➤ ***The hourly visibility breakdown slide is likely too aggressive with fog over the next few hours for our southern stations.***

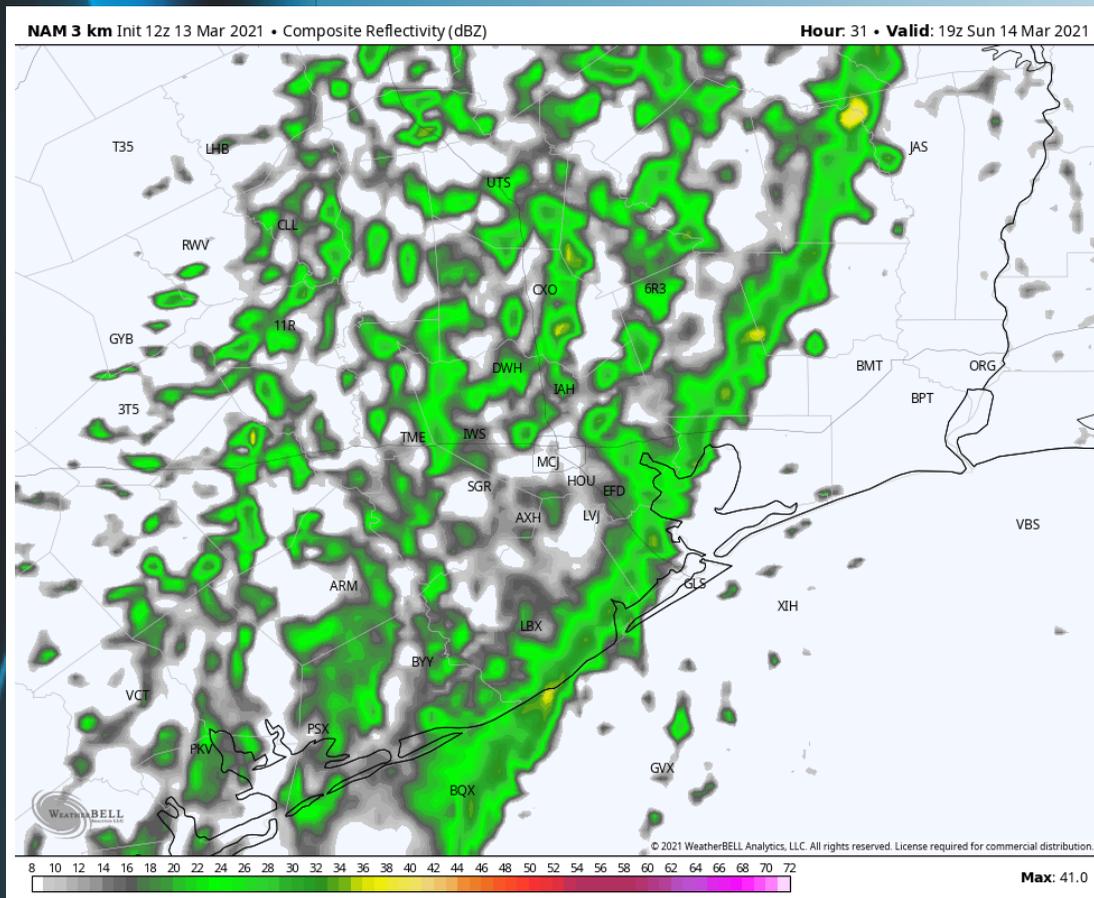
## Short-Term Forecast Discussion

- **Sunday will feature the best shot at rain over the next several days. A few isolated light showers will be possible in the morning hours, but the better chances will increase closer to ~1 PM as our cold front works its way into the area. A few thunderstorms are possible that could bring locally stronger winds and briefly heavier rains for a time as the front passes. The front moves through the area in the 1-4 PM window with scattered light showers the rest of Sun evening**
- **Winds Sunday are anticipated to be 10-20 MPH with gusts 20-30 MPH from the SE. Gustiest of winds are most likely upon the cold front passage (~1-4 PM). Winds behind this front look to calm/ shift NW Sunday evening before a return of S/ SE winds on Monday.**
- **High Temperatures on Sunday look to get into the mid-to-upper 60's F over open waters.**
  - *Currently not in favor for fog on Sunday.*

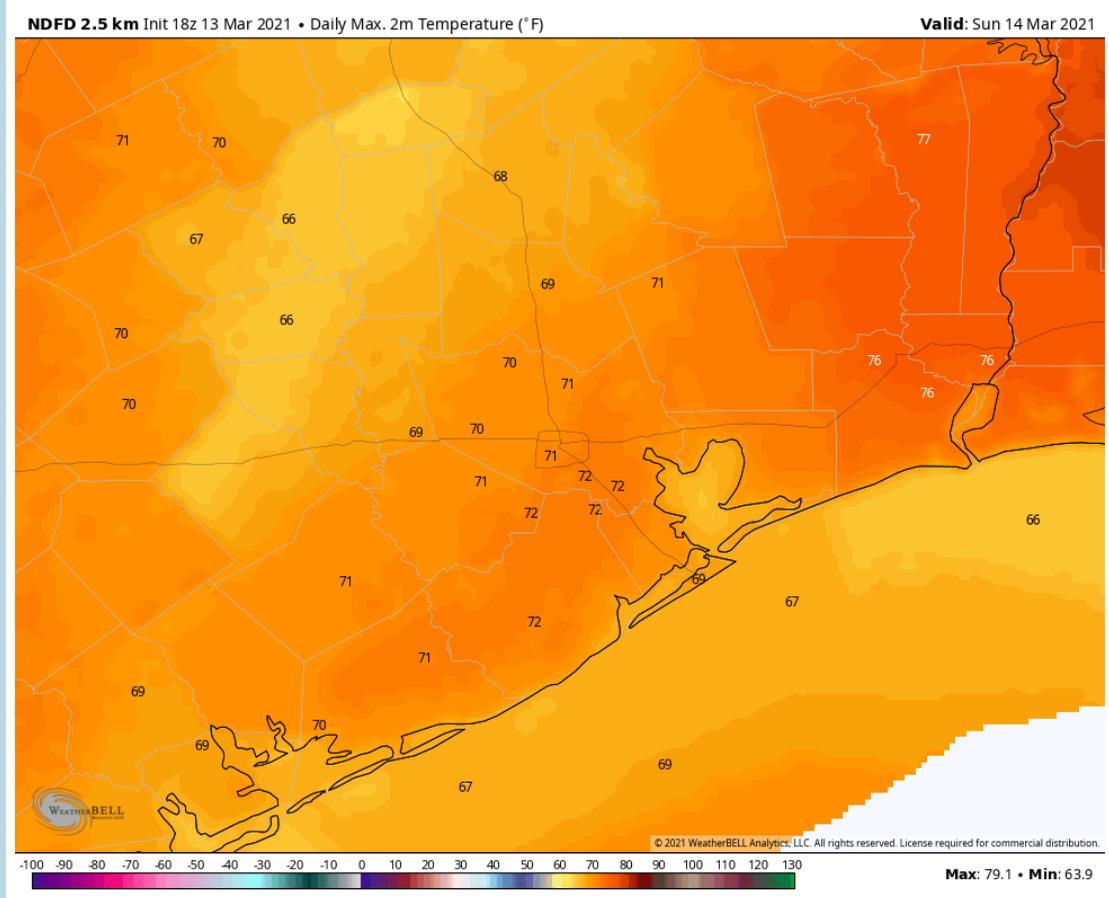
## Sustained Winds (2 PM CT)



## Simulated Radar Snapshot (2 PM CT)



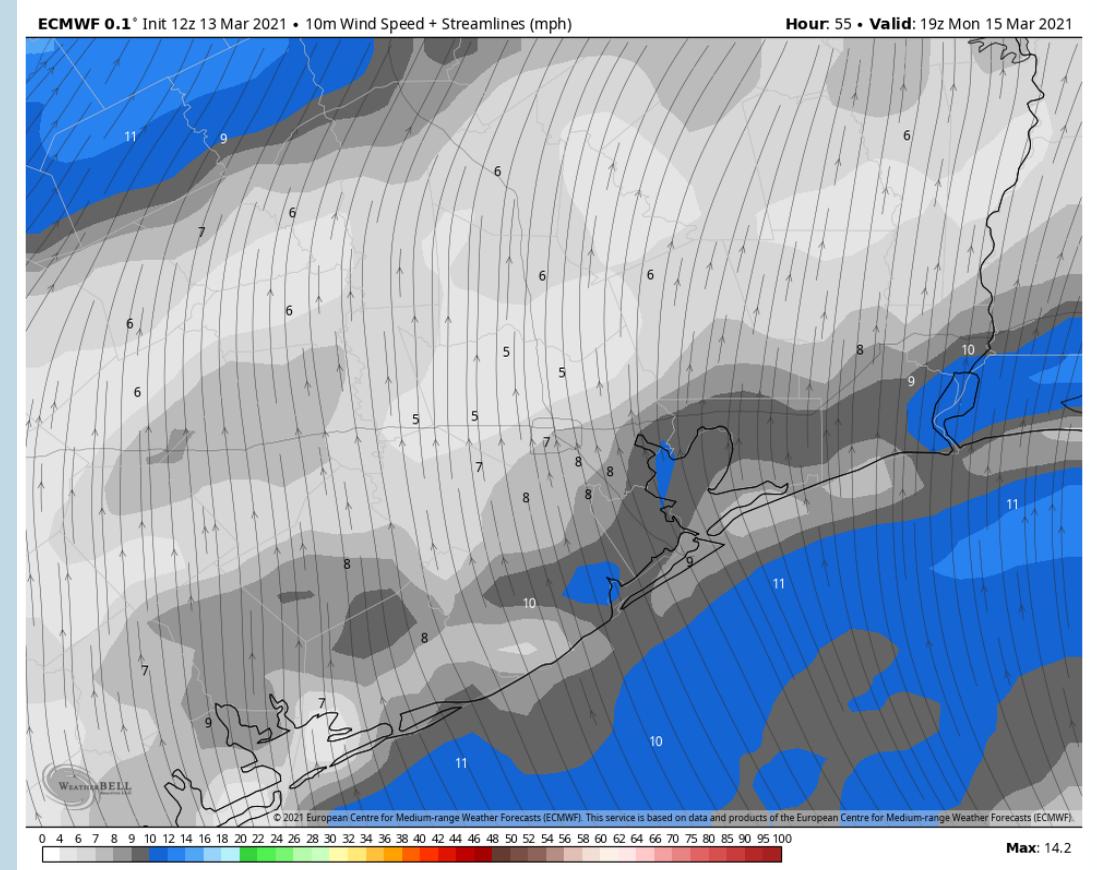
## High Temperatures Sunday



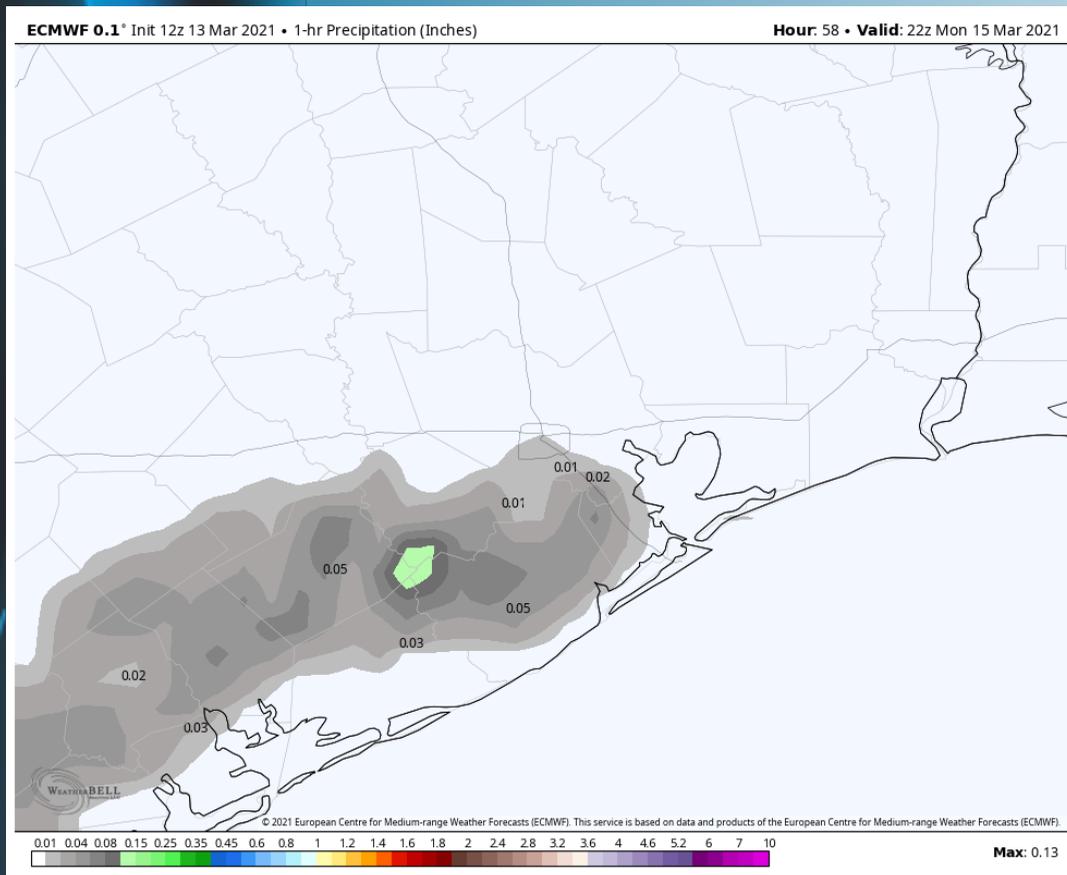
## Short-Term Forecast Discussion

- A spotty light shower may be possible on Monday from roughly 1 PM – 8 PM as data has trended a bit wetter with a weak boundary. However, continue to anticipate mostly dry conditions.
- Light and variable winds in the AM eventually pick up slightly into the afternoon 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.
- *Data continues to hint at fog potential Monday morning as winds will be light with a general SE component. Exact details will be fine tuned with more hi res model guidance but will need to watch the 3 AM – 11 AM window MON morning. Into TUE morning, another round of sea fog will be possible.*

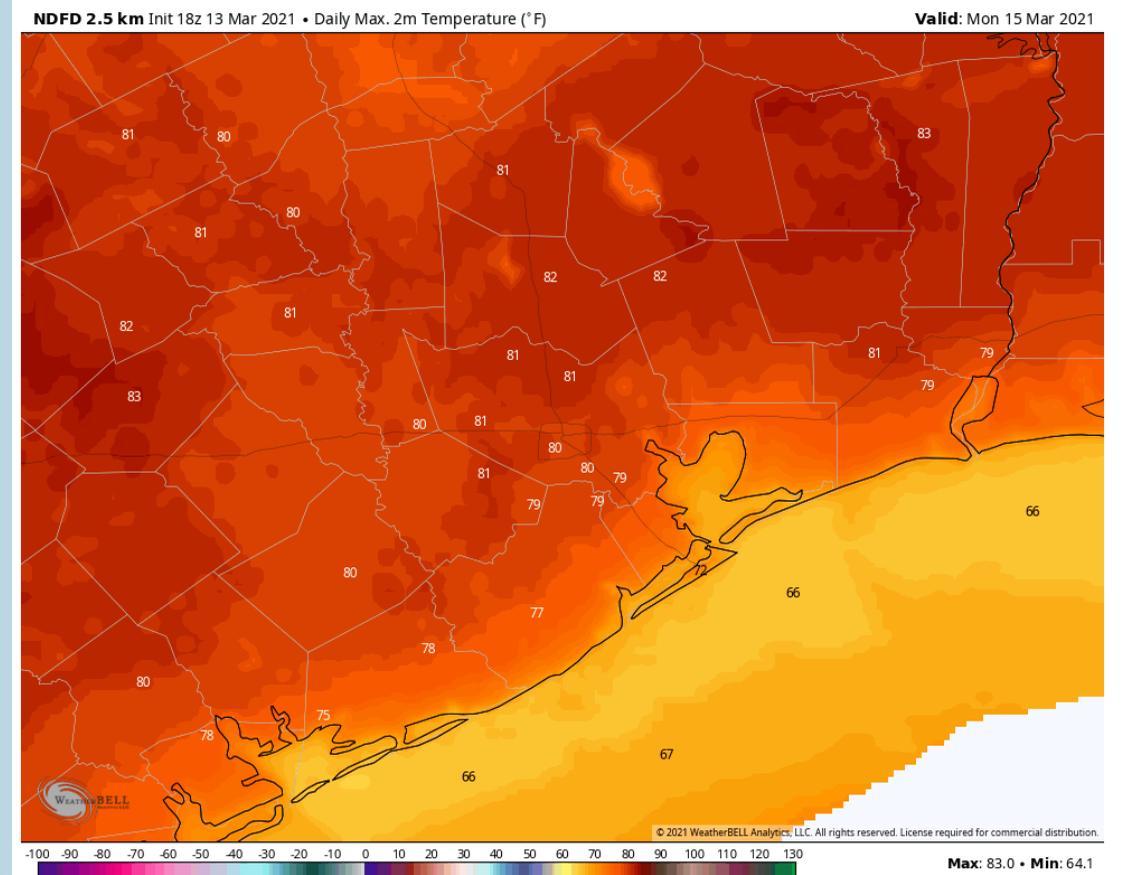
## Sustained Winds (2 PM CT)



## Simulated Radar Snapshot (5 PM CT)



## High Temperatures Monday



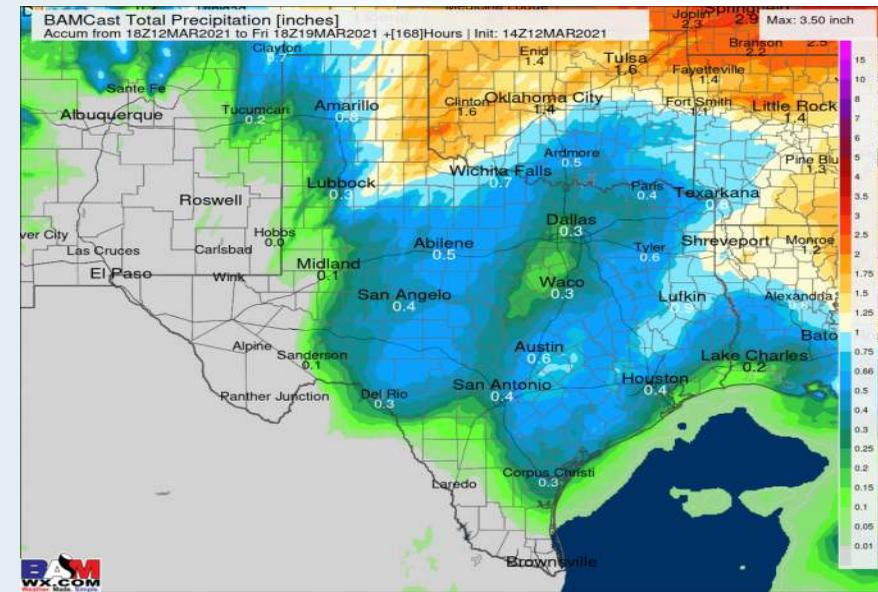
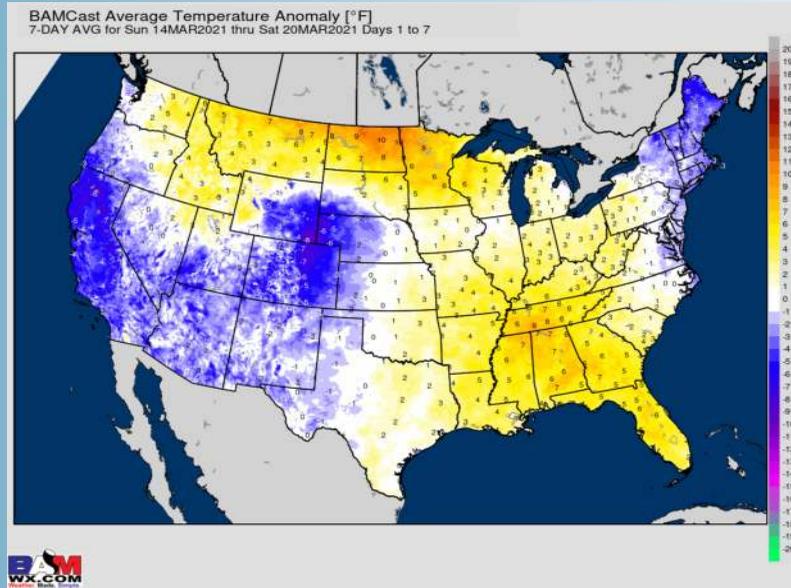
## Week 1 Forecast

### Long-Range Forecast Discussion

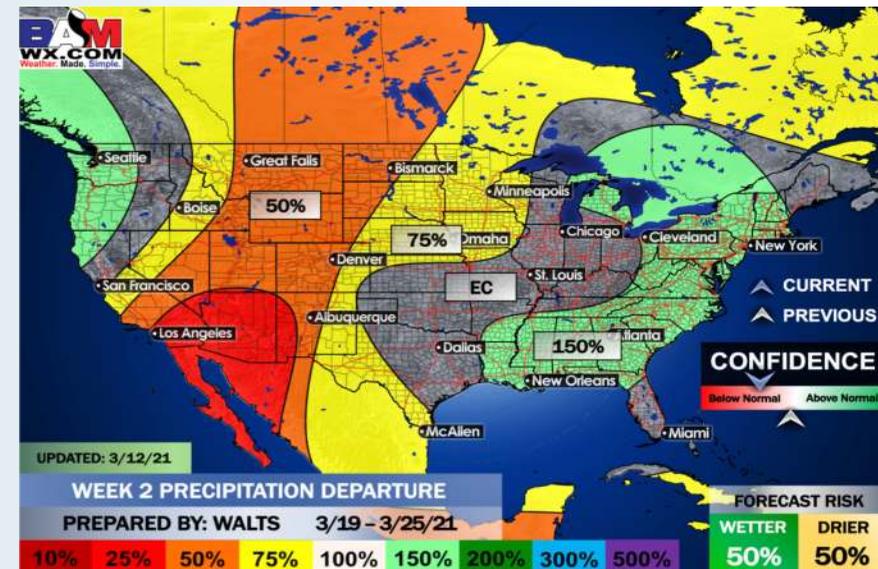
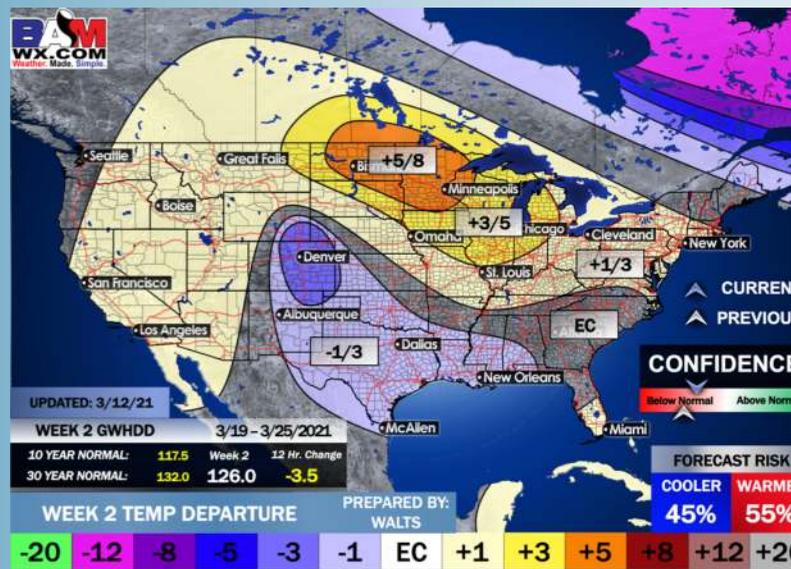
➤ Above normal temperatures are anticipated before cooler temperatures come back into the picture THU – FRI – SAT. A few shots of rain will be possible over the next few days with the best chances on Wednesday with a passage of a cold front. Drier conditions look to develop afterwards.

➤ 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

