

**Updated: 2:00 PM CT, Monday, April 12, 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, April 12, 2021

# HOURLY VISIBILITY BREAKDOWN (in miles)

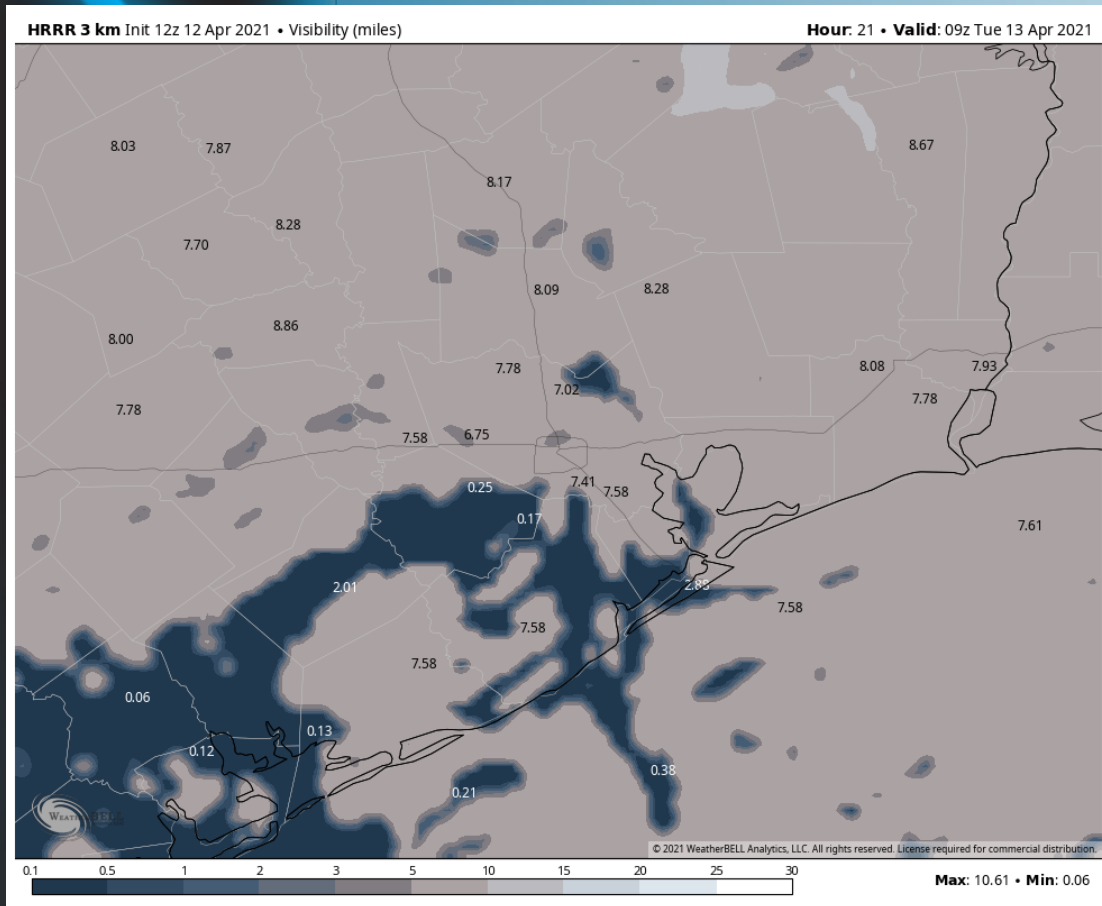
Time	04-12-2021 Mon 1pm	04-12-2021 Mon 2pm	04-12-2021 Mon 3pm	04-12-2021 Mon 4pm	04-12-2021 Mon 5pm	04-12-2021 Mon 6pm	04-12-2021 Mon 7pm	04-12-2021 Mon 8pm	04-12-2021 Mon 9pm	04-12-2021 Mon 10pm	04-12-2021 Mon 11pm	04-13-2021 Tue 12am	04-13-2021 Tue 1am	04-13-2021 Tue 2am	04-13-2021 Tue 3am	04-13-2021 Tue 4am	04-13-2021 Tue 5am	04-13-2021 Tue 6am	04-13-2021 Tue 7am	04-13-2021 Tue 8am	04-13-2021 Tue 9am	04-13-2021 Tue 10am	04-13-2021 Tue 11am	04-13-2021 Tue 12pm	04-13-2021 Tue 1pm	04-13-2021 Tue 2pm	04-13-2021 Tue 3pm	04-13-2021 Tue 4pm	04-13-2021 Tue 5pm	04-13-2021 Tue 6pm	04-13-2021 Tue 7pm	04-13-2021 Tue 8pm	04-13-2021 Tue 9pm	04-13-2021 Tue 10pm	04-13-2021 Tue 11pm
Houston Pilots N - 610 Bridge	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	9.959	9.147	8.396	6.89	5.94	5.89	5.89	5.89	3.90	4.93	6.92	6.92	7.95	9.03	10.00	10.00	9.06	8.99	7.95	6.92	6.92	6.92	6.89	5.93
Houston Pilots M - Kinder 1	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	9.872	8.877	8.351	6.89	5.94	5.89	5.89	5.89	3.90	4.93	6.85	6.92	7.95	9.03	10.00	10.00	9.11	8.99	7.95	6.92	6.92	6.92	6.89	5.93
Houston Pilots L - Greens Bayou	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	9.739	8.393	8.412	6.89	5.94	5.64	4.93	4.93	2.94	4.93	6.92	6.92	7.95	9.03	10.00	10.00	9.03	8.99	7.95	6.92	6.92	6.92	6.89	5.93
Houston Pilots K - Shell Crude	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	9.611	8.384	8.333	6.89	5.94	5.52	4.93	4.93	2.94	4.93	6.92	6.92	7.95	9.03	10.00	10.00	9.03	8.99	7.95	6.92	6.92	6.92	6.89	5.93
Houston Pilots J - Lynchburg Ferries	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	9.469	8.253	8.230	6.89	5.94	4.63	4.16	4.68	4.01	5.75	6.67	7.46	8.22	9.03	9.80	9.29	9.03	8.99	8.22	7.46	7.21	5.52	5.38	4.51
Houston Pilots I - Exxon 3	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	9.993	9.277	8.391	8.132	6.89	5.94	5.52	4.93	4.93	2.94	4.93	5.89	6.92	7.95	9.03	10.00	10.00	9.03	8.88	7.95	6.92	6.92	6.52	6.89	5.93
Houston Pilots H - Morgans Point	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	9.876	9.210	8.632	8.041	6.78	5.82	3.47	5.38	6.07	5.74	6.64	7.07	6.96	8.32	8.94	8.27	7.62	9.03	8.52	8.06	6.96	6.52	2.81	3.17	2.76
Houston Pilots G - 75/76	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	9.881	9.078	8.634	7.988	4.90	4.90	4.02	7.00	8.03	8.03	8.03	7.99	4.93	6.43	7.43	3.90	5.42	9.03	8.99	8.54	5.97	4.48	0.20	0.12	0.12
Houston Pilots F - 63/64	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	9.798	8.826	8.499	8.013	4.90	4.90	5.49	7.49	8.03	8.03	7.02	7.00	2.54	4.03	4.53	0.89	5.51	9.03	7.54	6.49	4.50	1.36	0.16	0.12	0.12
Houston Pilots E - 51/52	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	9.547	8.826	8.349	8.029	4.90	4.90	5.97	8.03	8.03	8.03	5.97	5.12	2.36	1.38	1.41	0.52	6.57	8.11	5.97	3.98	1.99	0.16	0.16	0.12	0.12
Houston Pilots D - 37/38	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	9.450	8.803	8.287	7.990	4.90	4.90	7.00	8.03	8.03	8.03	3.43	2.26	1.69	0.40	0.31	0.61	5.24	6.24	3.33	1.82	0.96	0.16	0.16	0.12	0.12
Houston Pilots C - 25/26	10.00	10.00	10.00	10.00	10.00	10.00	10.00	9.968	10.00	10.00	9.404	8.666	8.211	7.896	5.94	4.90	7.72	8.03	8.03	8.03	1.71	0.98	0.98	0.16	0.12	0.71	4.57	4.69	1.38	0.72	0.16	0.16	0.16	0.12	0.12
Houston Pilots B - 11/12	10.00	10.00	10.00	10.00	10.00	9.878	9.813	9.766	9.959	9.940	9.249	8.568	8.160	7.850	4.90	4.90	8.03	8.03	8.03	7.44	0.48	0.16	0.16	0.16	0.12	0.12	1.93	1.97	0.16	0.16	0.16	0.16	0.16	0.12	0.12
Houston Pilots A - 1 & 2 Bravo	10.00	10.00	10.00	10.00	9.794	9.403	9.504	9.595	9.822	9.546	8.773	8.390	7.972	7.727	4.90	4.90	8.03	8.03	5.72	3.58	0.16	0.16	0.16	0.16	0.12	0.12	0.16	0.12	0.16	0.16	0.16	0.16	0.16	0.12	0.12

- A lower visibility (~0.5 mile or less at times) mist will be increasingly possible across a portion of our stations after midnight tonight through tomorrow morning...please reference the fog slide below for more information.***

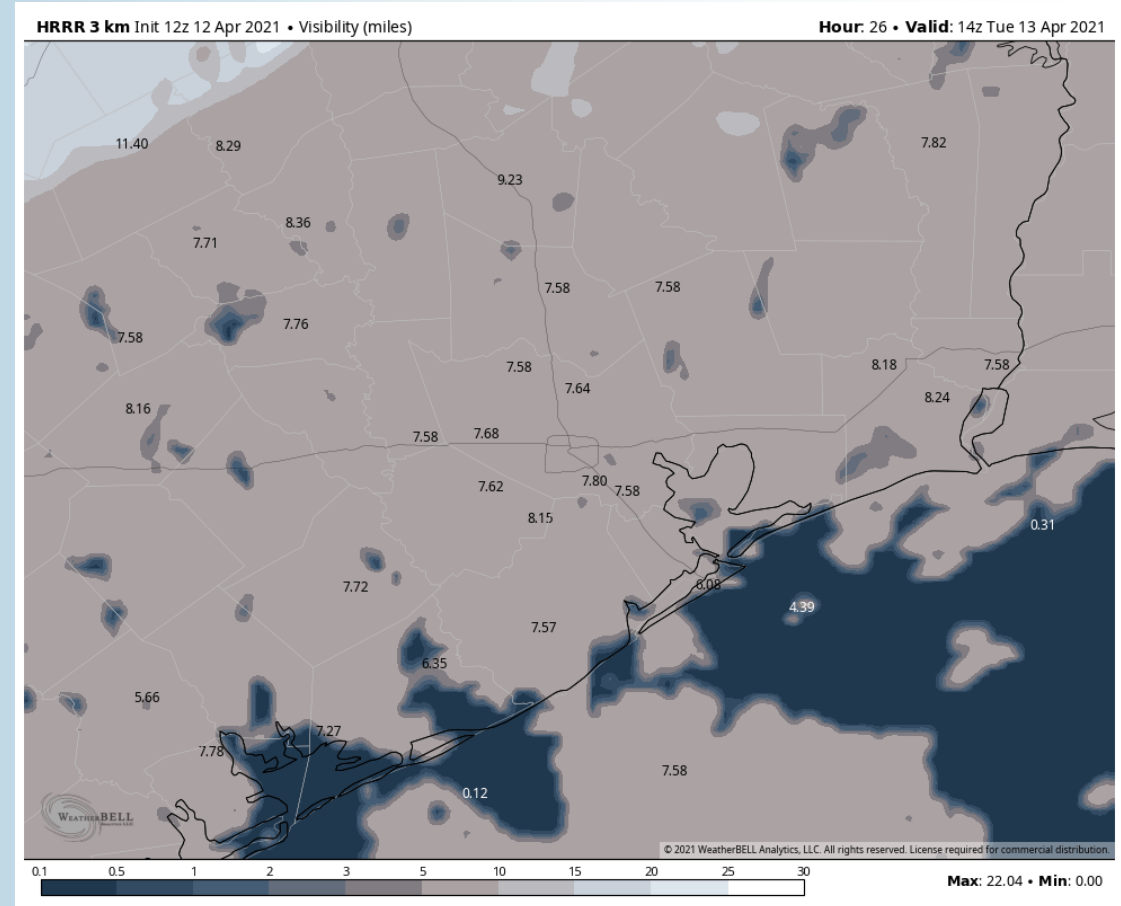
# Visibility Report

## Monday, April 12, 2021

### VISIBILITY (4 AM CT TUES)



### VISIBILITY (9 AM CT TUES)



### CONFIDENCE

Below  
Normal

Above  
Normal

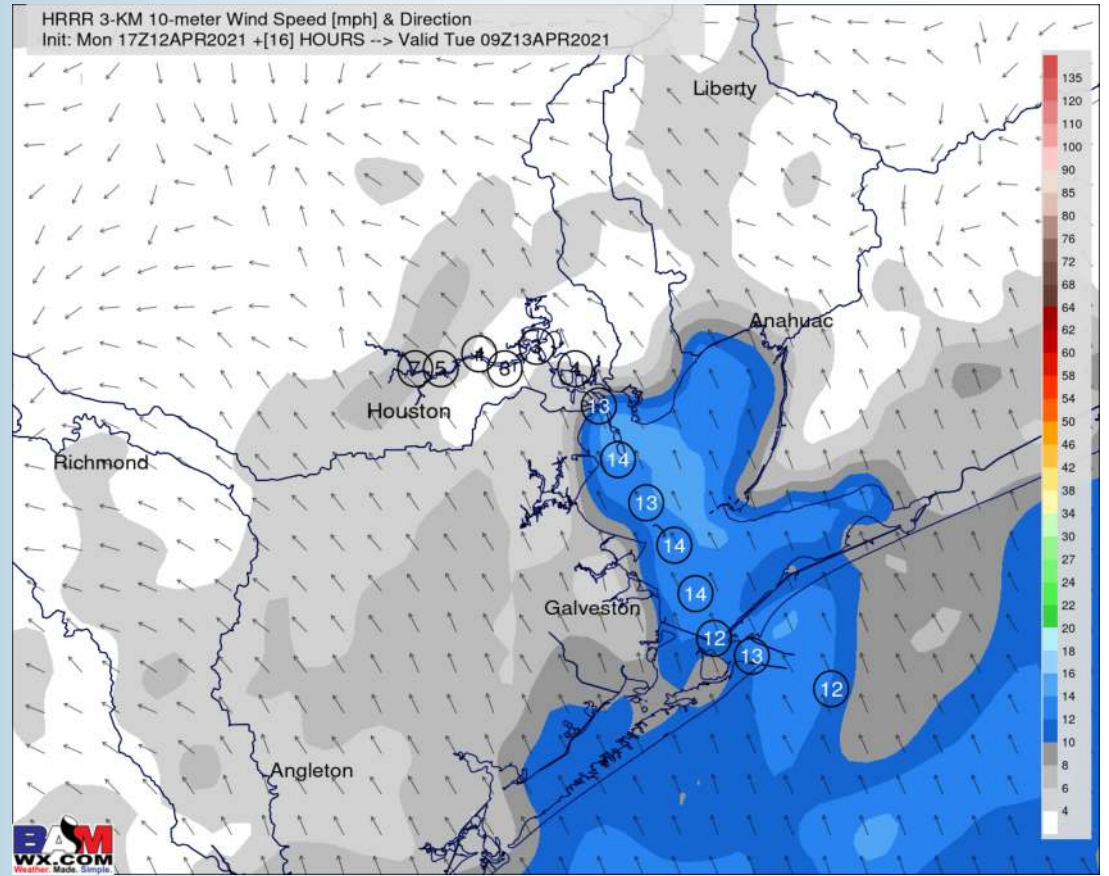
- ***There's an increased potential, after midnight tonight, for some patchy mist/lower visibility (less than 0.5 mile at times).***
- ***This risk looks to hang around into the morning hours of Tuesday (and possibly into Tuesday PM...will need to iron that out in the morning in terms of end times).***
  - ***The areas best at risk right now look to be from ½ Bravo to the 75/76 stations.***
- ***This doesn't look like a straight "dense fog" scenario, but one where the mist/lower visibility can be transient; come and go at times.***



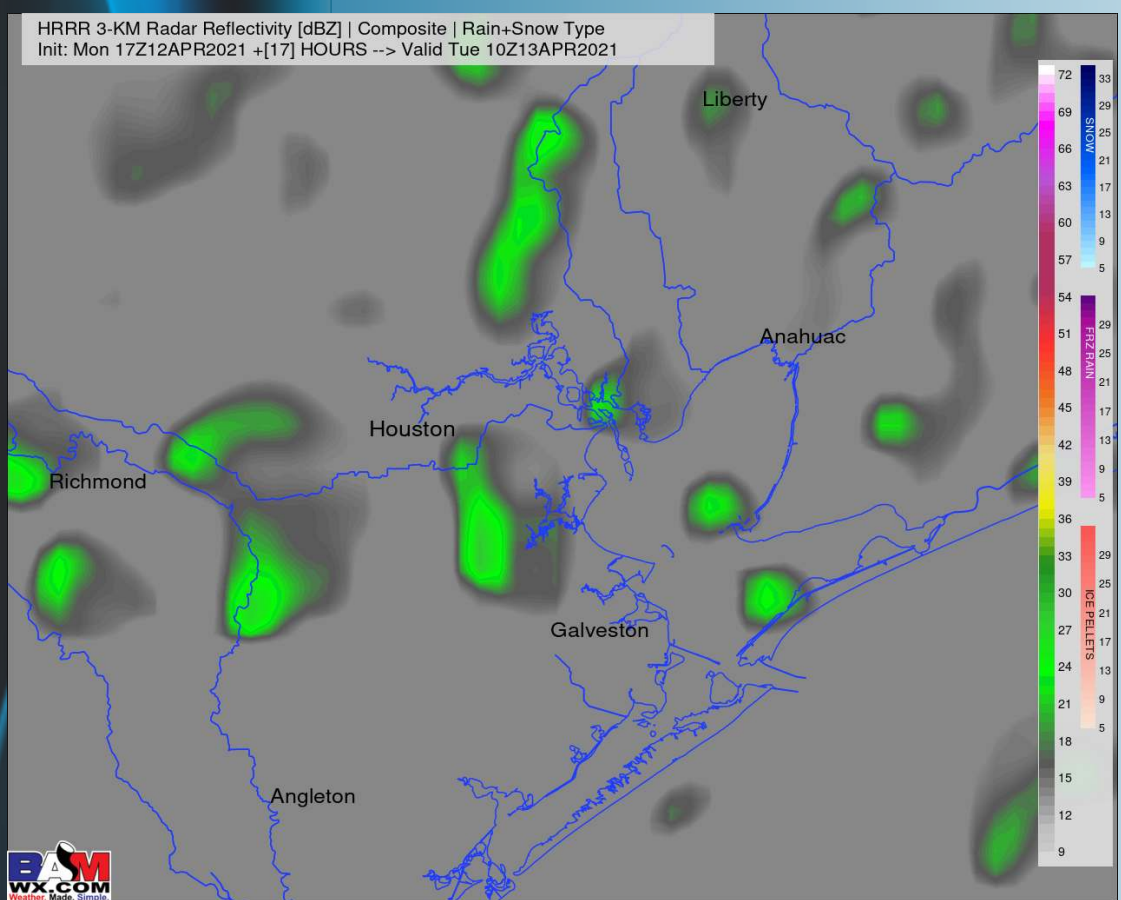
## Short-Term Forecast Discussion

- **Expecting overall dry conditions tonight through midnight. After this timeframe into daybreak, we think periods of mist / lower visibility will increase across the area.**
- **Winds tonight look to hold out of the SE at mostly 8-13 MPH sustained, gusting at times to 15-20 MPH.**
- **Low temps tonight should drop around 70F.**
- ***Periods of lower visibility/mist possible after midnight tonight (check slide above for details).***

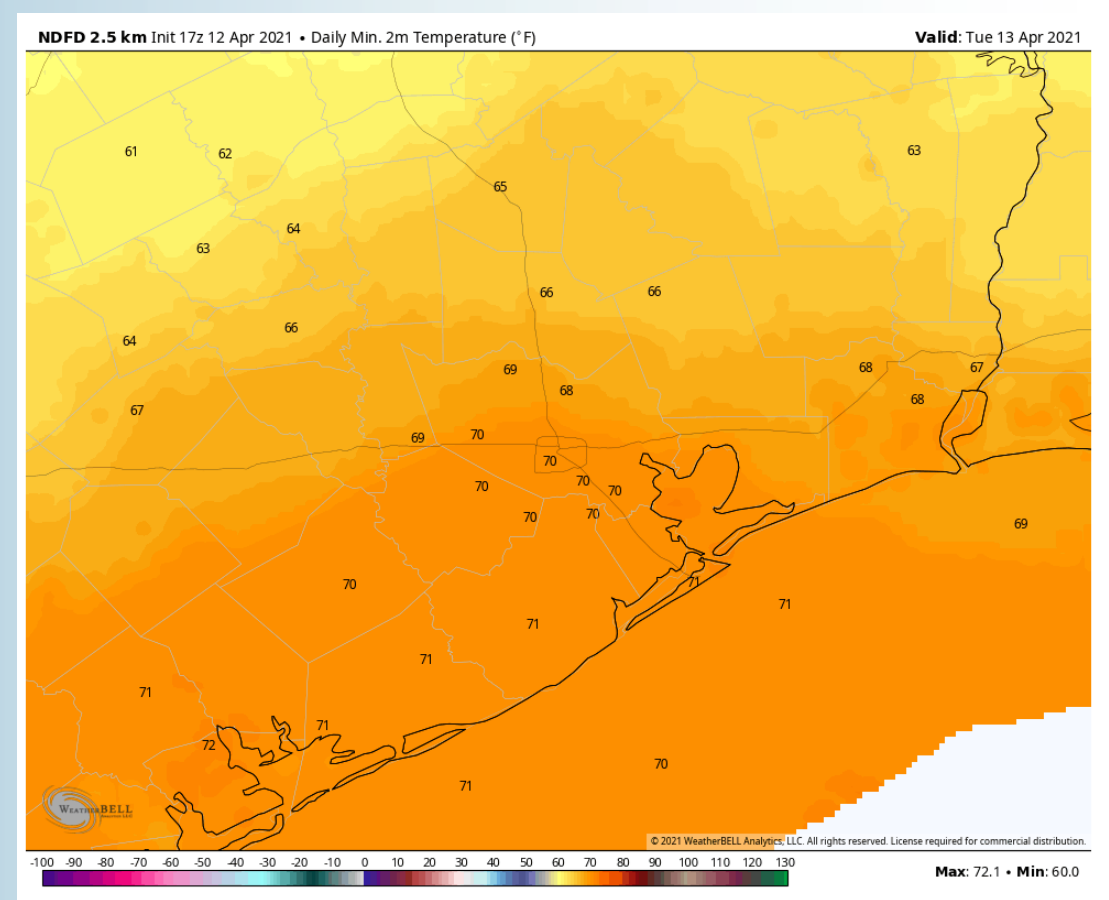
## Sustained Winds (4 AM CT)



## Simulated Radar Snapshot (5 AM CT)



## Low Temperatures Tonight

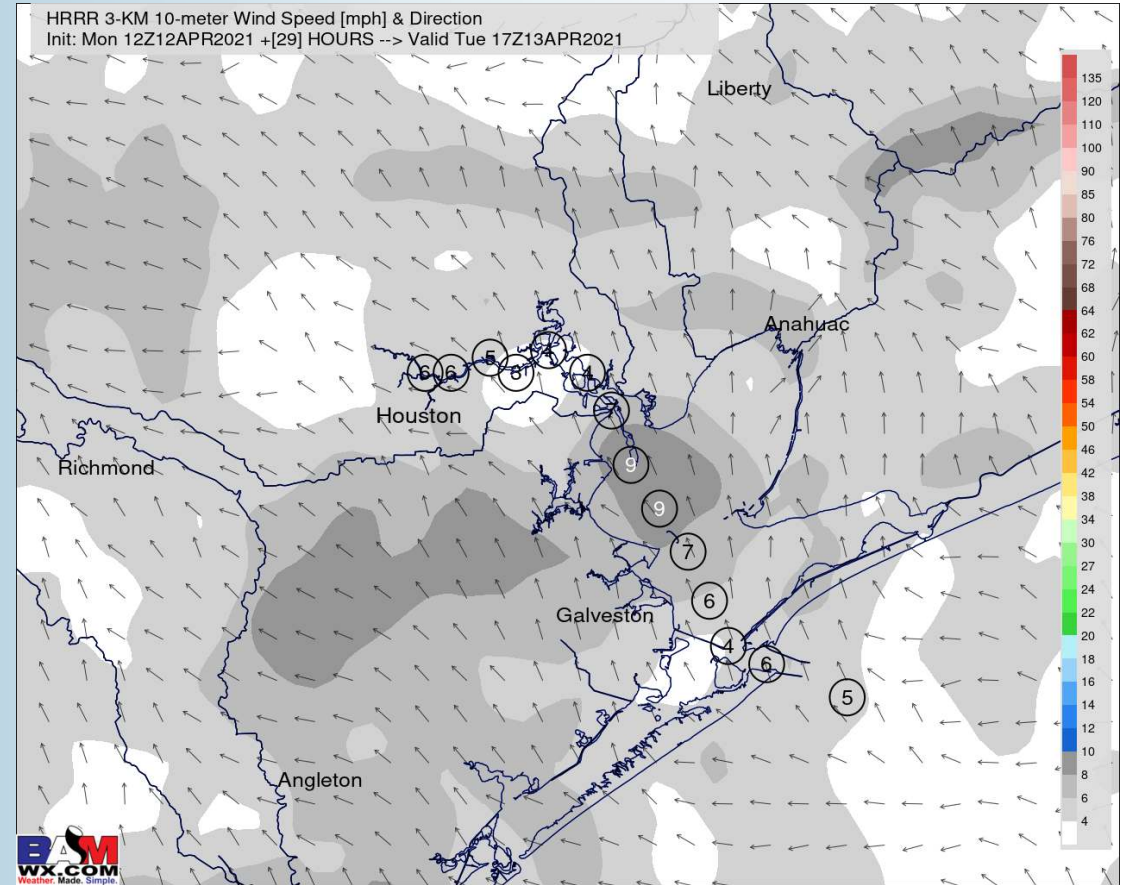




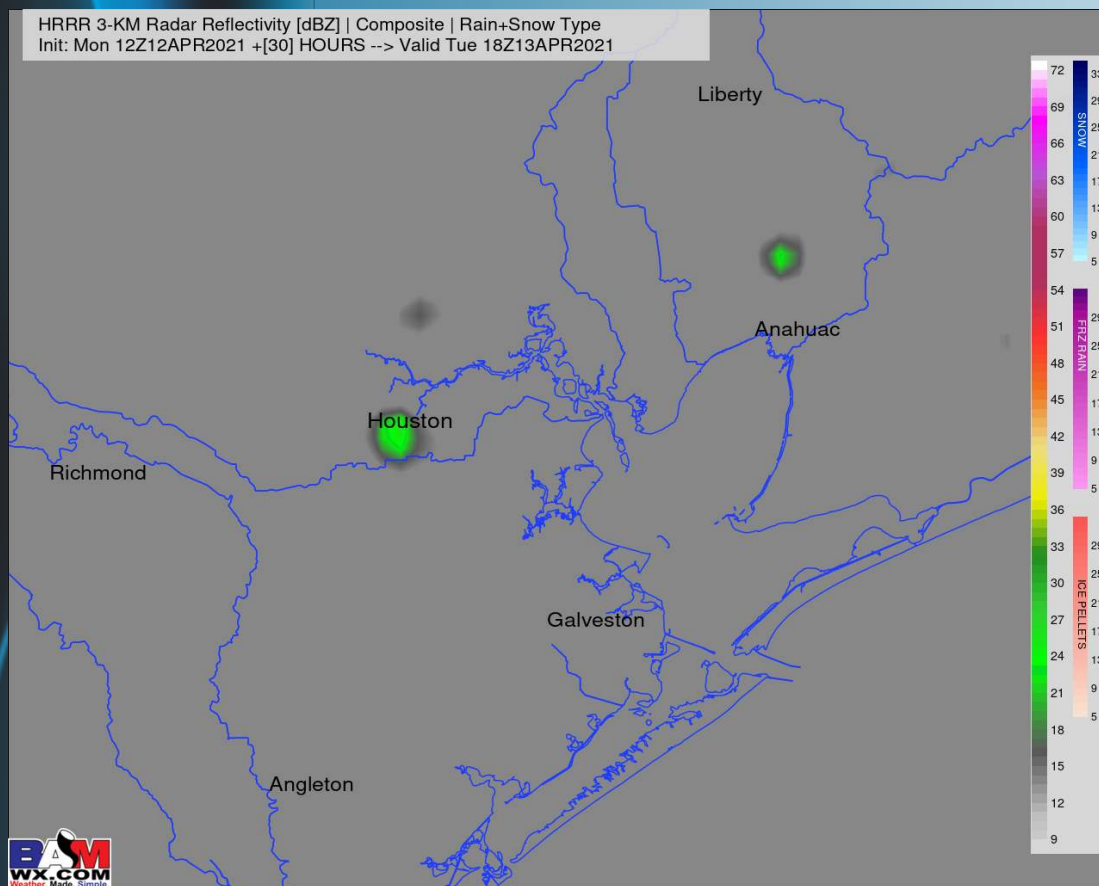
## Short-Term Forecast Discussion

- As noted in the slide above, some mist/lower visibility/light rain showers will be possible Tuesday morning. However, we think the coverage starts to decrease into the afternoon in regards to precipitation.
- Winds are favored to come out of the SE at 6-12 MPH sustained for much of the day on Tuesday.
- Highs once again should sit in low to mid 70s for our Stations.
- *Data is not strong on fog risks Tuesday night. Winds will be on the weaker side, so we will need to watch for an increased potential here.*

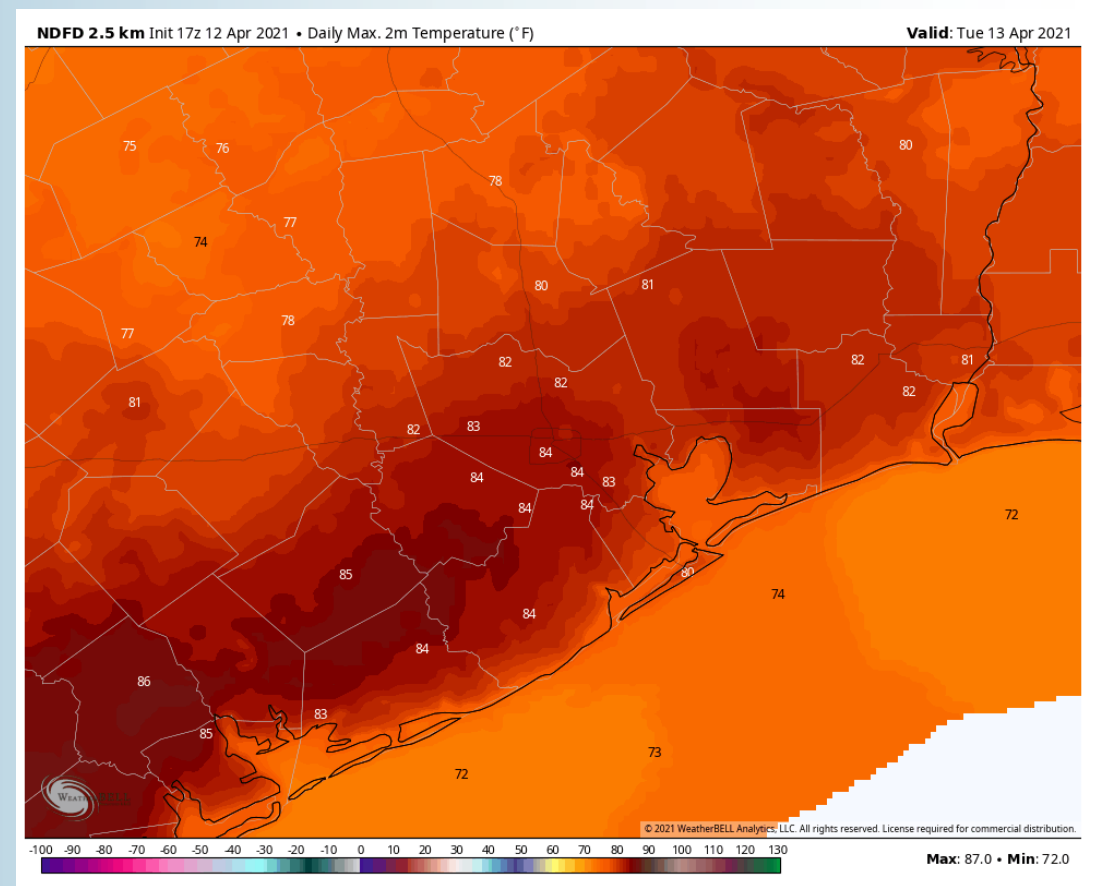
## Sustained Winds (12 PM CT)



## Simulated Radar Snapshot (1 PM CT)



## High Temperatures Tuesday

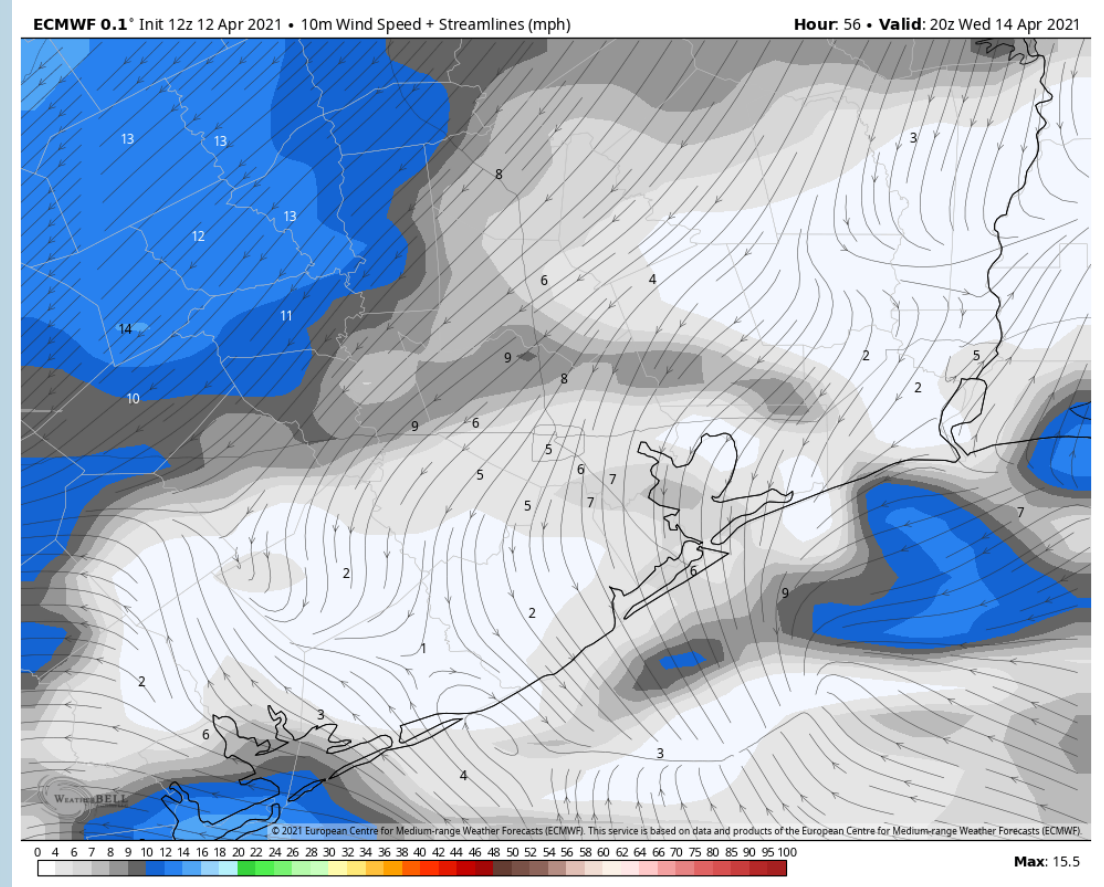




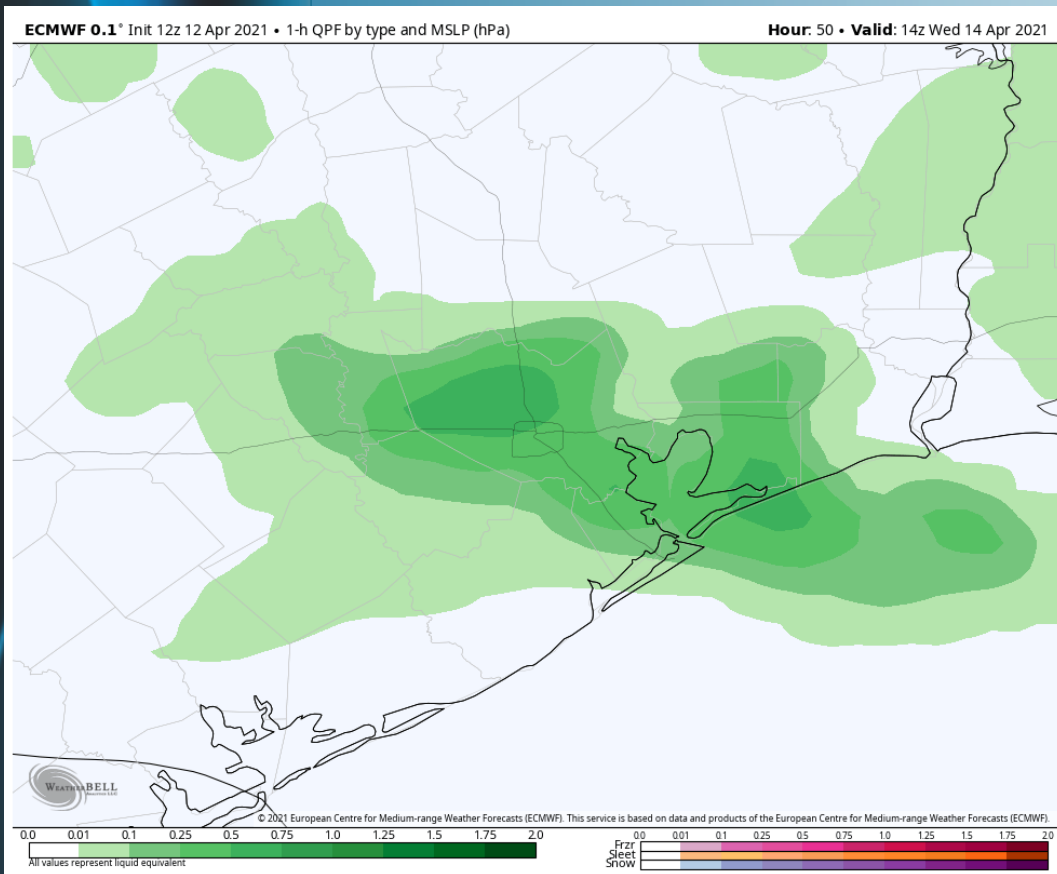
## Short-Term Forecast Discussion

- A shot of moisture Wednesday AM will be possible in a scattered fashion, with more breaks late after to early afternoon. A small chance for a shower will be possible into mid afternoon to evening.
- Expecting the winds to veer out of the NE at 8-13 MPH sustained, gusting at times up to 15-20 MPH.
- Temps will be in the mid-70s over the Boarding Stations.
- *No fog expected Wednesday night.*

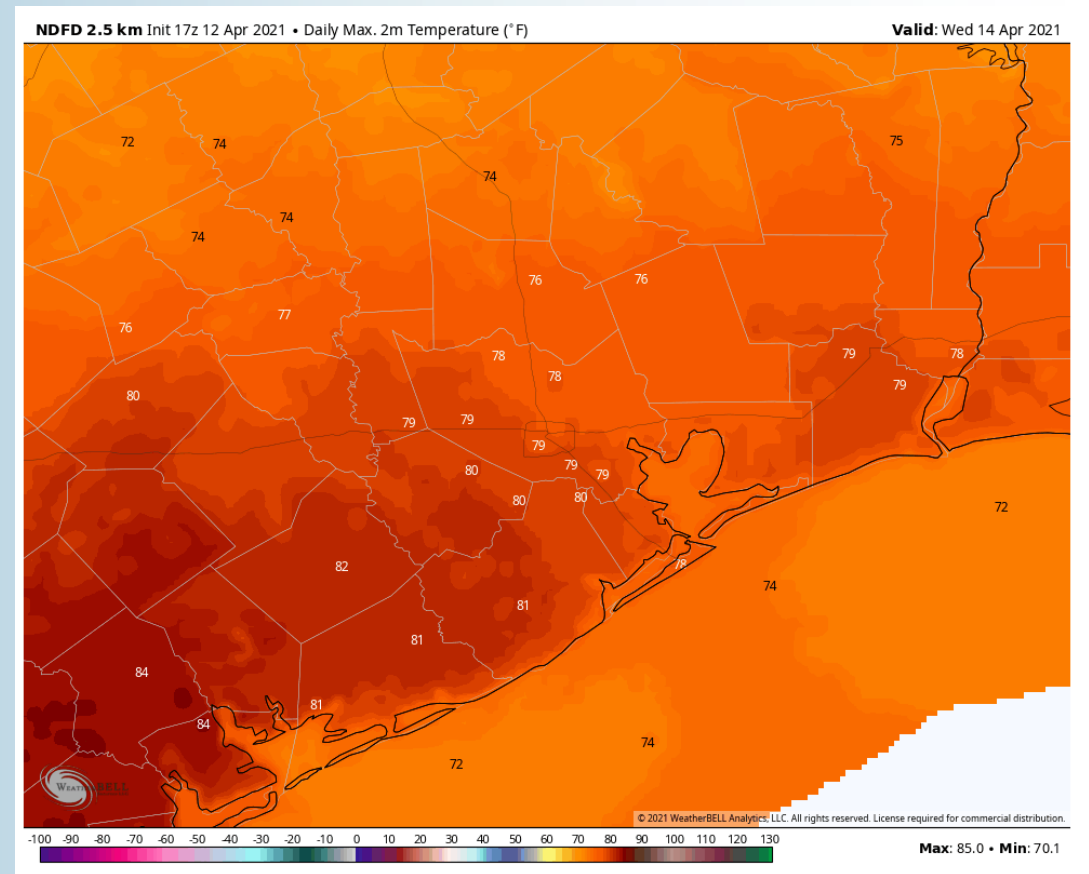
## Sustained Winds (3 PM CT)



## Simulated Radar Snapshot (9 AM CT)

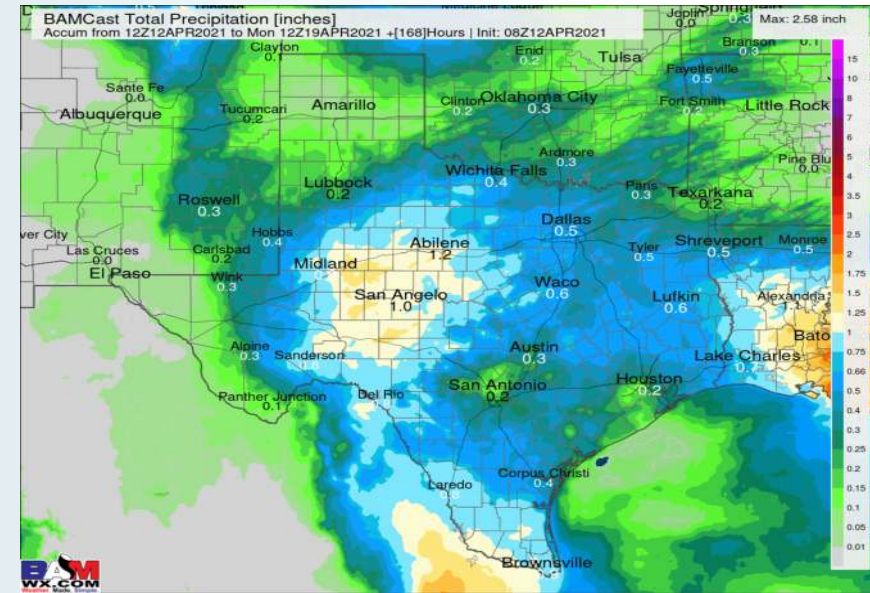
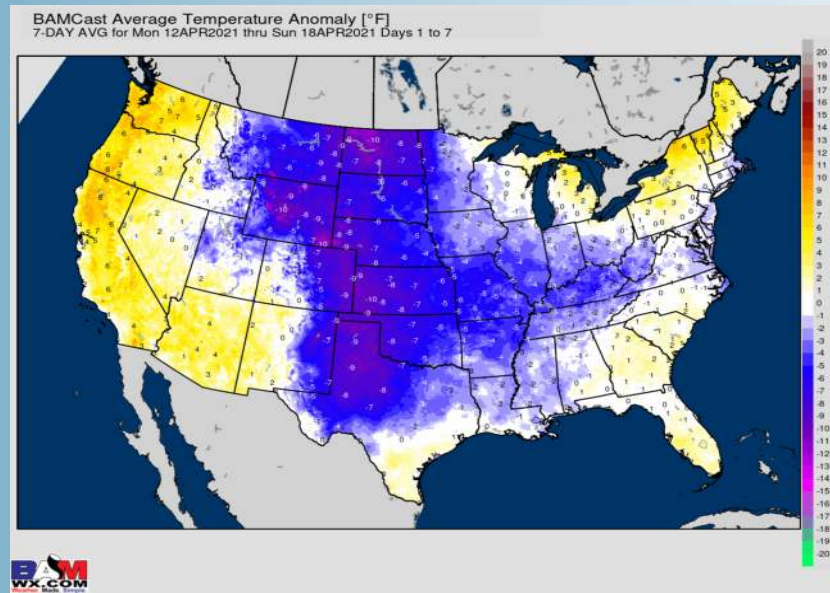


## High Temperatures Wednesday





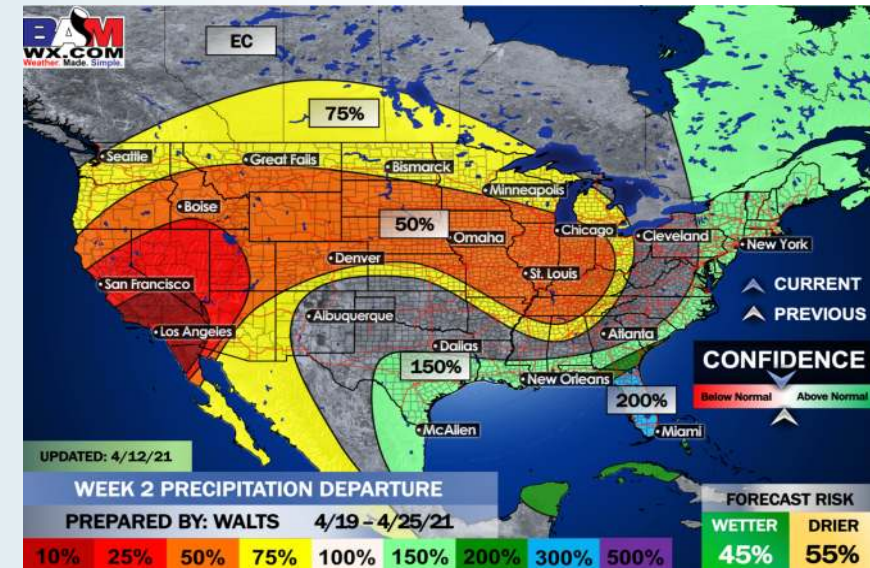
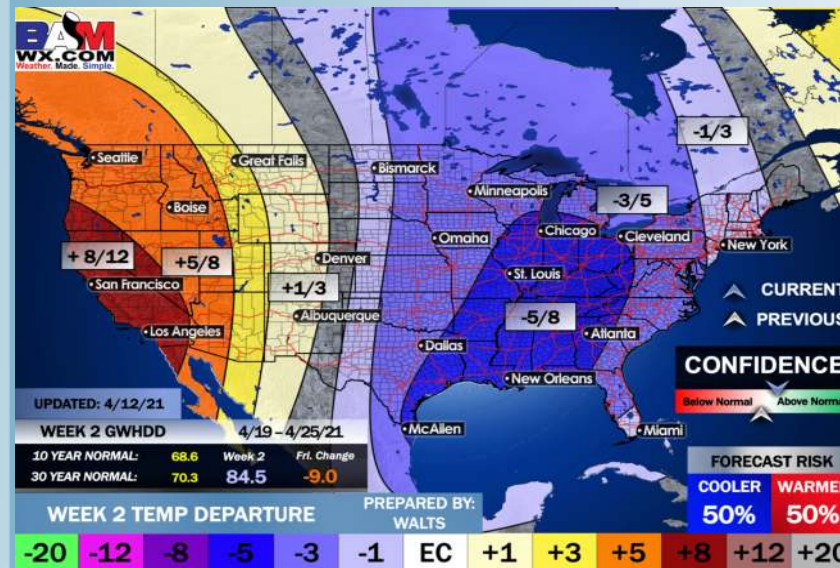
## Week 1 Forecast



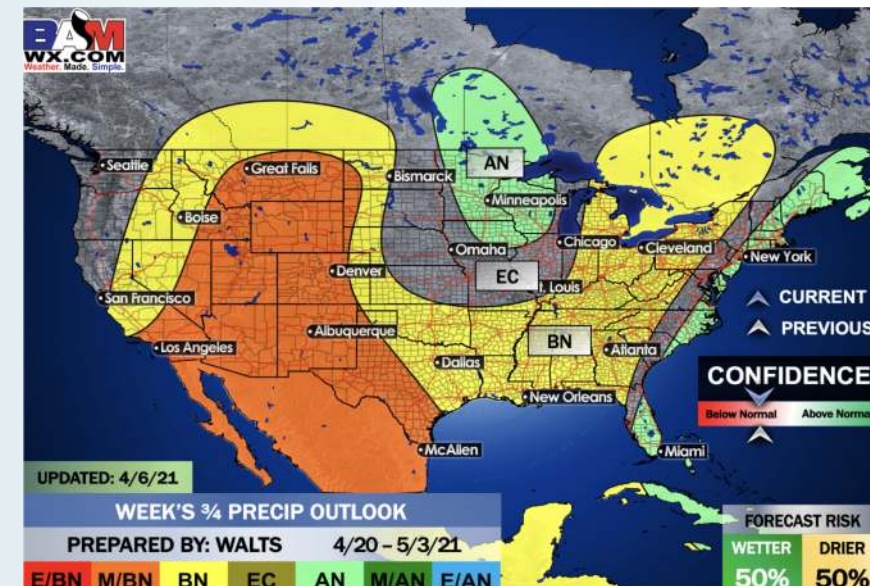
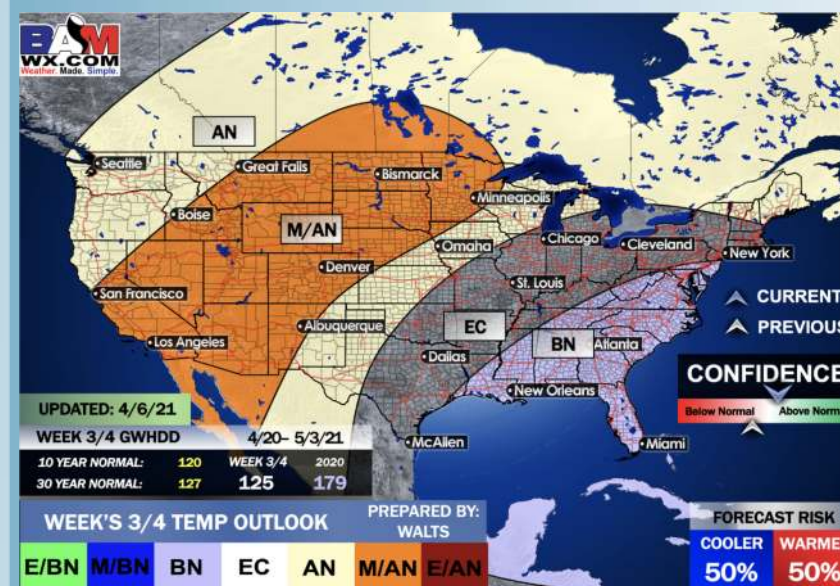
## Long-Range Forecast Discussion

- Precipitation chances increase quite a bit across the area mid to late week, despite a quiet start. Temperatures will look to start trending cooler ahead with the increase in precip chances.
- Precipitation looks to continue to be above normal in week 2 across the area, while temps look to stay well below normal.

## Week 2 Forecast



## Weeks 3/4 Forecast



- Expectations are for a below normal 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.