

Updated: 6:00 AM CT, Wednesday, April 7, 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

Wednesday, April 7, 2021

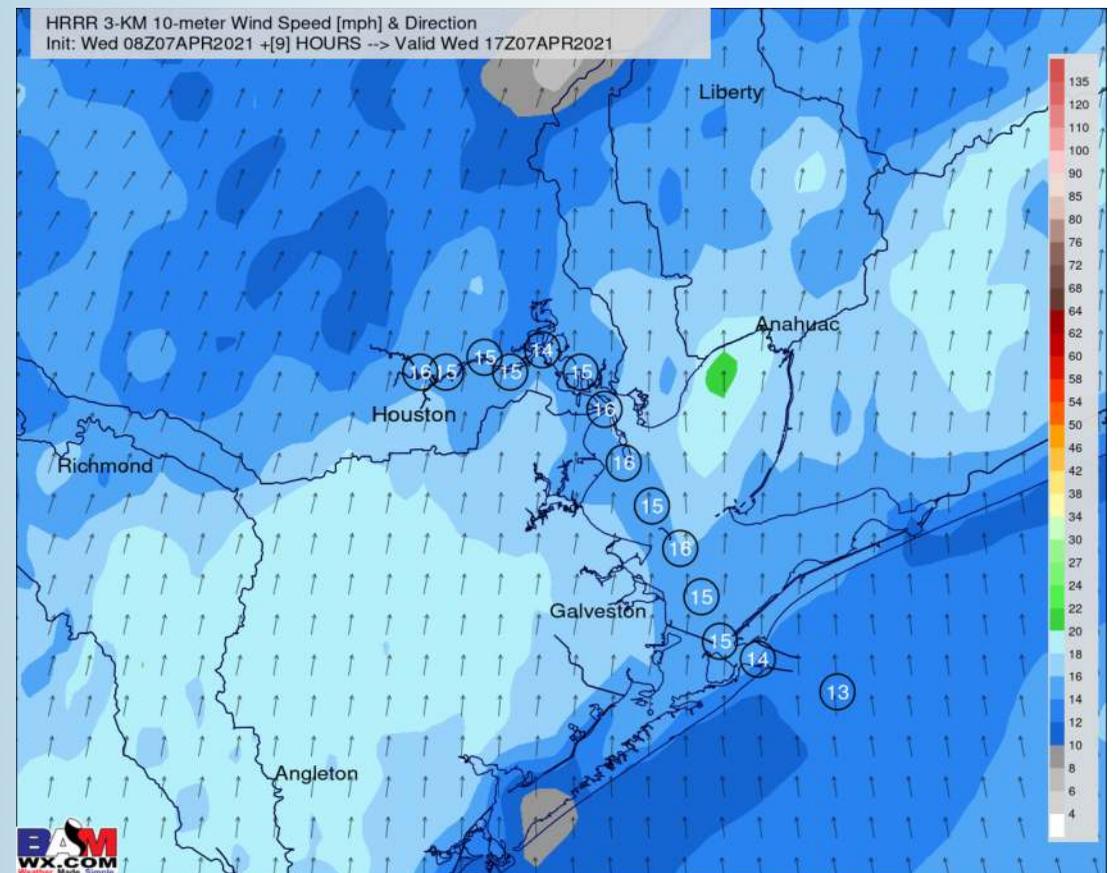
HOURLY VISIBILITY BREAKDOWN (in miles)

Time	04-07-2021 Wed 4am	04-07-2021 Wed 5am	04-07-2021 Wed 6am	04-07-2021 Wed 7am	04-07-2021 Wed 8am	04-07-2021 Wed 9am	04-07-2021 Wed 10am	04-07-2021 Wed 11am	04-07-2021 Wed 12pm	04-07-2021 Wed 1pm	04-07-2021 Wed 2pm	04-07-2021 Wed 3pm	04-07-2021 Wed 4pm	04-07-2021 Wed 5pm	04-07-2021 Wed 6pm	04-07-2021 Wed 7pm	04-07-2021 Wed 8pm	04-07-2021 Wed 9pm	04-07-2021 Wed 10pm	04-07-2021 Wed 11pm	04-08-2021 Thu 12am	04-08-2021 Thu 1am	04-08-2021 Thu 2am	04-08-2021 Thu 3am	04-08-2021 Thu 4am	04-08-2021 Thu 5am	04-08-2021 Thu 6am	04-08-2021 Thu 7am	04-08-2021 Thu 8am	04-08-2021 Thu 9am	04-08-2021 Thu 10am	04-08-2021 Thu 11am	04-08-2021 Thu 12pm	04-08-2021 Thu 1pm	04-08-2021 Thu 2pm	
Houston Pilots N - 610 Bridge	9.238	9.709	9.850	9.878	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	8.60	7.92	7.92	6.89	6.89	6.89	6.27	5.89	4.93	4.93	3.90	2.94	1.11	2.94	6.92	7.95	8.94	10.00	10.00	10.00	
Houston Pilots M - Kinder 1	9.270	9.710	9.826	9.845	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	9.04	7.92	7.92	6.89	6.89	6.89	6.80	5.89	4.93	4.93	3.90	2.94	1.11	2.78	6.92	7.95	8.99	10.00	10.00	10.00	
Houston Pilots L - Greens Bayou	9.233	9.611	9.674	9.675	9.923	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	9.04	7.92	7.92	6.89	6.89	6.89	6.92	5.89	4.93	4.93	3.90	2.94	1.11	2.47	6.92	7.95	8.99	10.00	10.00	10.00	
Houston Pilots K - Shell Crude	9.249	9.556	9.622	9.622	9.831	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	9.04	7.92	7.92	6.89	6.89	6.89	6.92	5.89	4.93	4.93	3.90	2.94	1.11	2.47	6.92	7.95	8.99	10.00	10.00	10.00	
Houston Pilots J - Lynchburg Ferries	9.019	9.277	9.320	9.279	9.470	9.976	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	8.87	8.35	7.94	7.18	7.18	7.18	7.21	6.45	4.16	3.68	2.87	2.21	0.86	2.04	5.15	6.91	8.99	9.80	10.00	10.00	
Houston Pilots I - Exxon 3	8.723	8.877	8.990	8.821	9.126	9.418	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	7.63	7.63	7.63	6.89	6.89	6.89	6.92	5.89	4.93	4.93	3.90	2.94	1.11	2.47	6.92	7.95	8.99	10.00	10.00	10.00	
Houston Pilots H - Morgans Point	8.532	8.632	8.710	8.463	8.786	8.914	9.551	10.00	10.00	10.00	10.00	10.00	10.00	10.00	7.92	6.90	7.50	7.50	7.50	7.50	7.50	7.53	7.07	5.18	2.97	1.79	1.41	0.59	1.20	3.20	3.87	8.90	9.50	10.00	10.00	
Houston Pilots G - 75/76	8.463	8.560	8.481	8.297	8.449	8.507	8.938	9.494	10.00	10.00	10.00	10.00	10.00	10.00	5.94	4.90	8.00	8.00	8.00	8.00	8.00	8.03	8.03	6.05	4.06	0.16	0.16	0.16	0.16	0.16	0.16	0.16	7.46	9.03	10.00	10.00
Houston Pilots F - 63/64	8.536	8.594	8.471	8.350	8.366	8.400	8.767	9.238	9.729	10.00	10.00	10.00	10.00	9.882	5.45	4.90	8.00	8.00	8.00	8.00	8.00	8.03	8.03	7.98	5.92	0.16	0.00	0.16	0.08	0.16	0.16	0.16	5.03	9.03	9.03	9.17
Houston Pilots E - 51/52	8.517	8.545	8.366	8.277	8.226	8.235	8.508	8.863	9.255	9.528	9.881	10.00	10.00	9.449	4.90	4.90	8.00	8.00	8.00	8.00	7.44	7.48	8.03	8.03	5.45	0.16	0.00	0.16	0.00	0.16	0.16	0.16	2.31	8.00	9.03	9.03
Houston Pilots D - 37/38	8.467	8.460	8.247	8.167	8.064	8.179	8.457	8.752	9.081	9.292	9.676	10.00	9.956	9.335	4.90	4.90	8.00	8.00	8.00	7.55	4.57	4.67	7.59	8.03	4.87	0.16	0.00	0.16	0.00	0.16	0.16	1.23	6.24	9.03	9.03	
Houston Pilots C - 25/26	8.451	8.438	8.259	8.126	8.002	8.181	8.445	8.699	8.941	9.107	9.613	10.00	9.786	9.115	4.90	4.90	8.00	8.00	8.00	5.57	1.79	1.44	5.39	6.37	2.18	0.16	0.00	0.16	0.00	0.16	0.16	0.38	4.57	8.00	9.03	
Houston Pilots B - 11/12	8.306	8.317	8.206	8.052	7.900	7.908	8.016	8.148	8.233	8.296	8.686	8.936	8.706	8.283	4.56	4.35	8.00	8.00	8.00	3.64	0.74	0.70	3.61	5.63	1.45	0.16	0.00	0.10	0.00	0.16	0.10	0.16	1.97	6.63	8.00	
Houston Pilots A - 1 & 2 Bravo	8.121	8.132	8.023	7.884	7.760	7.592	7.586	7.585	7.582	7.582	7.581	7.585	7.581	7.581	3.95	2.91	7.73	8.00	8.00	0.34	0.12	0.16	0.36	1.62	0.31	0.06	0.00	0.00	0.00	0.06	0.00	0.16	0.12	1.96	6.36	

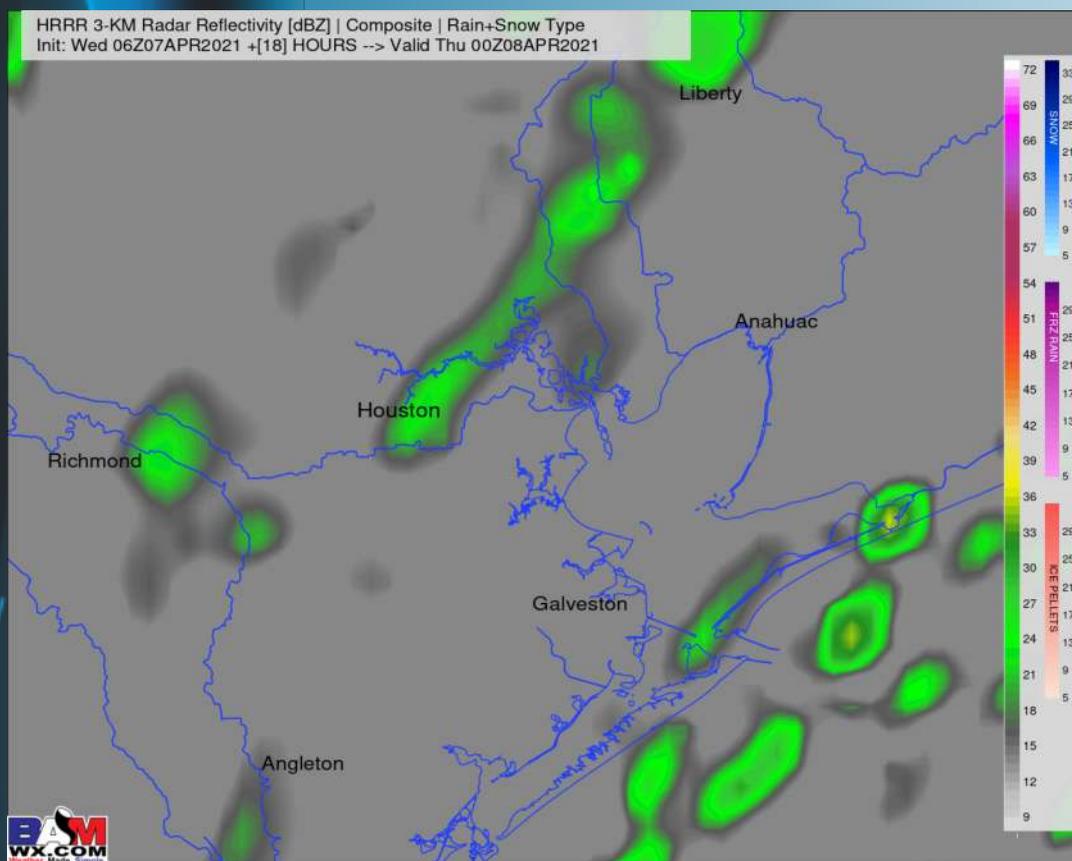
Short-Term Forecast Discussion

- While a very isolated shower (10-20%) cannot be ruled out in the 12-5 PM window, right now favoring the 5PM – 1 AM timeframe for the better chances of scattered rain showers to move through the area with a stalling/weakening front. A few rumbles of thunder cannot be ruled out
- Winds will continue out of the South, sustained at 13-18 MPH, gusting at times to 20-25 MPH. Winds look to then relax beyond sundown to 5-10 MPH, locally higher inside of precipitation.
- High temps will reach into the mid 70s for our stations, lower to mid 80s inland.
- *We are currently not in favor of fog this evening, fog development Thursday morning will need to be watched as discussed in the slide below.*

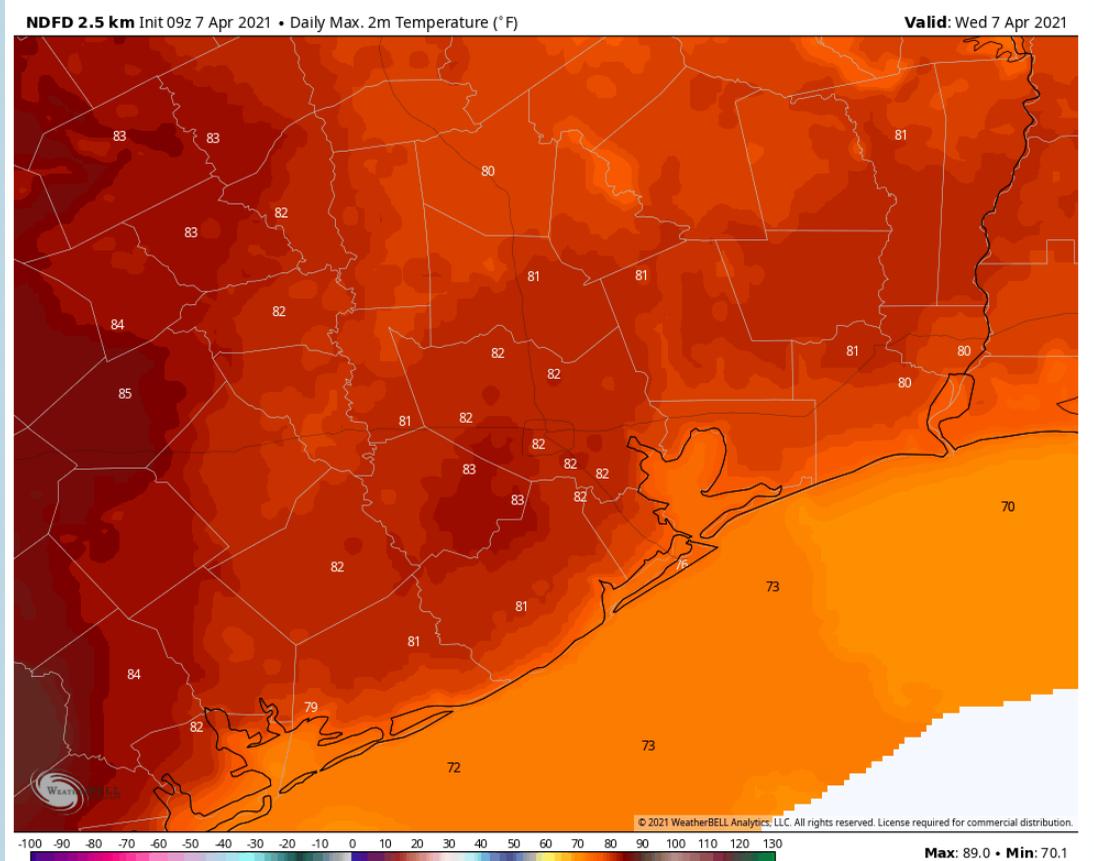
Sustained Winds (12 PM CT)



Simulated Radar Snapshot (7 PM CT)



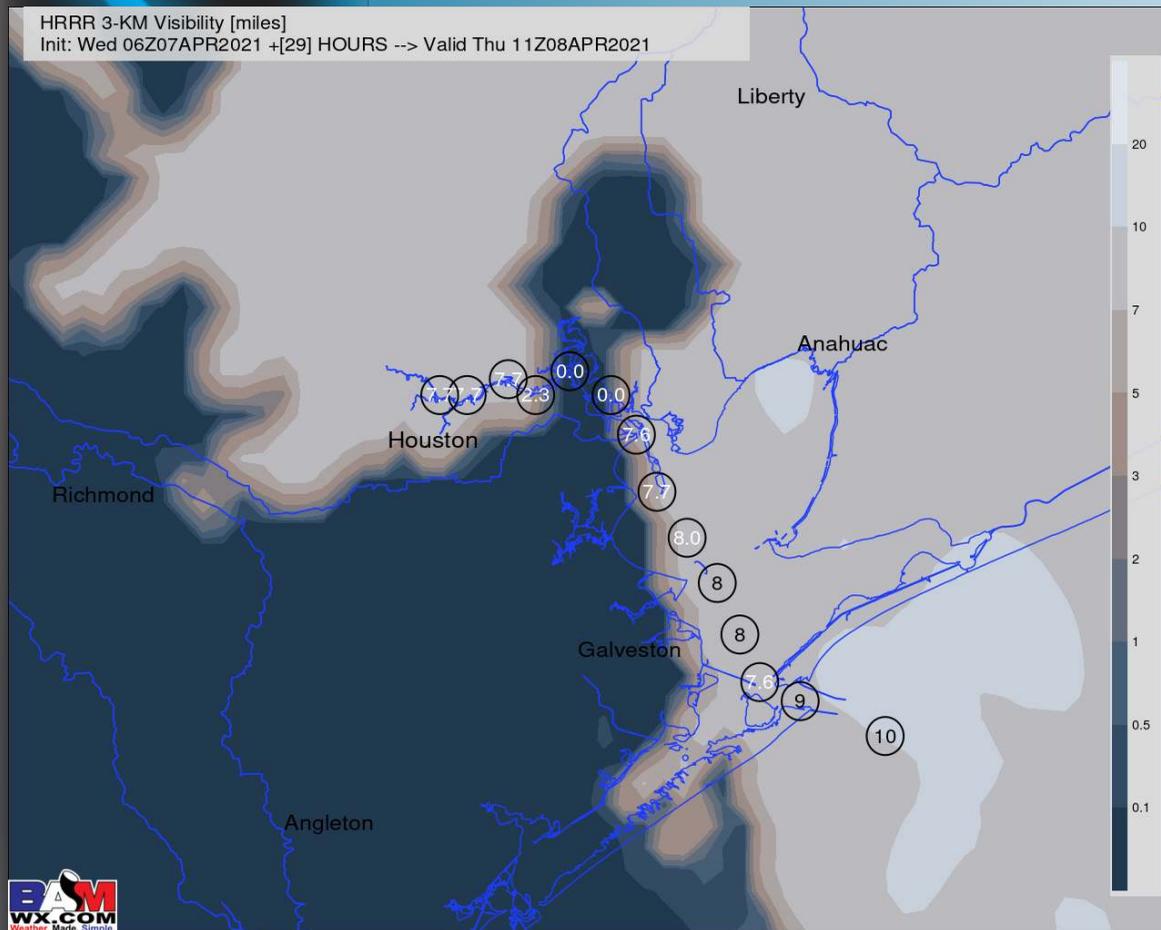
High Temperatures Wednesday



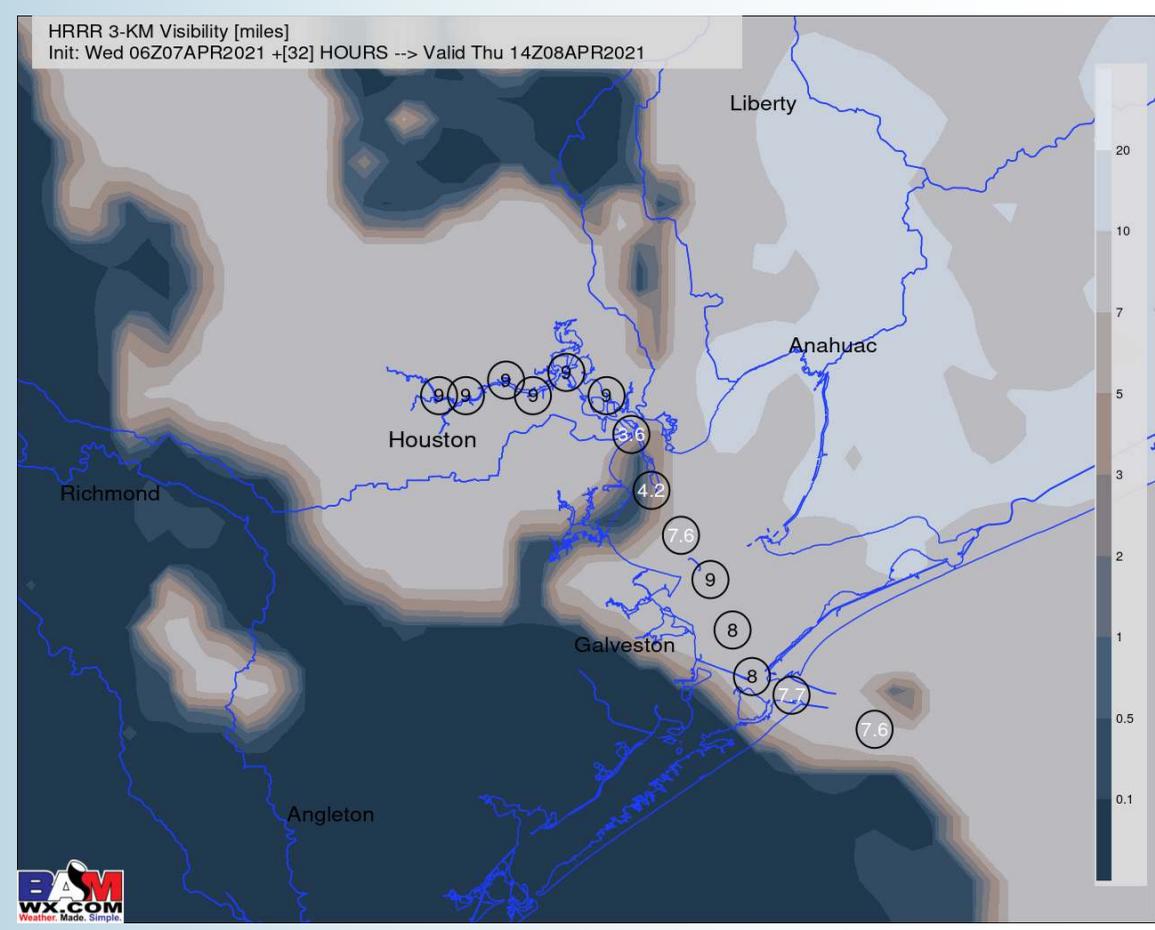
Fog Report

Thursday, April 8th, 2021

VISIBILITY (HRRR MODEL 6 AM CT THU)



VISIBILITY (HRRR MODEL 9 AM CT)



CONFIDENCE

Below
Normal

Above
Normal



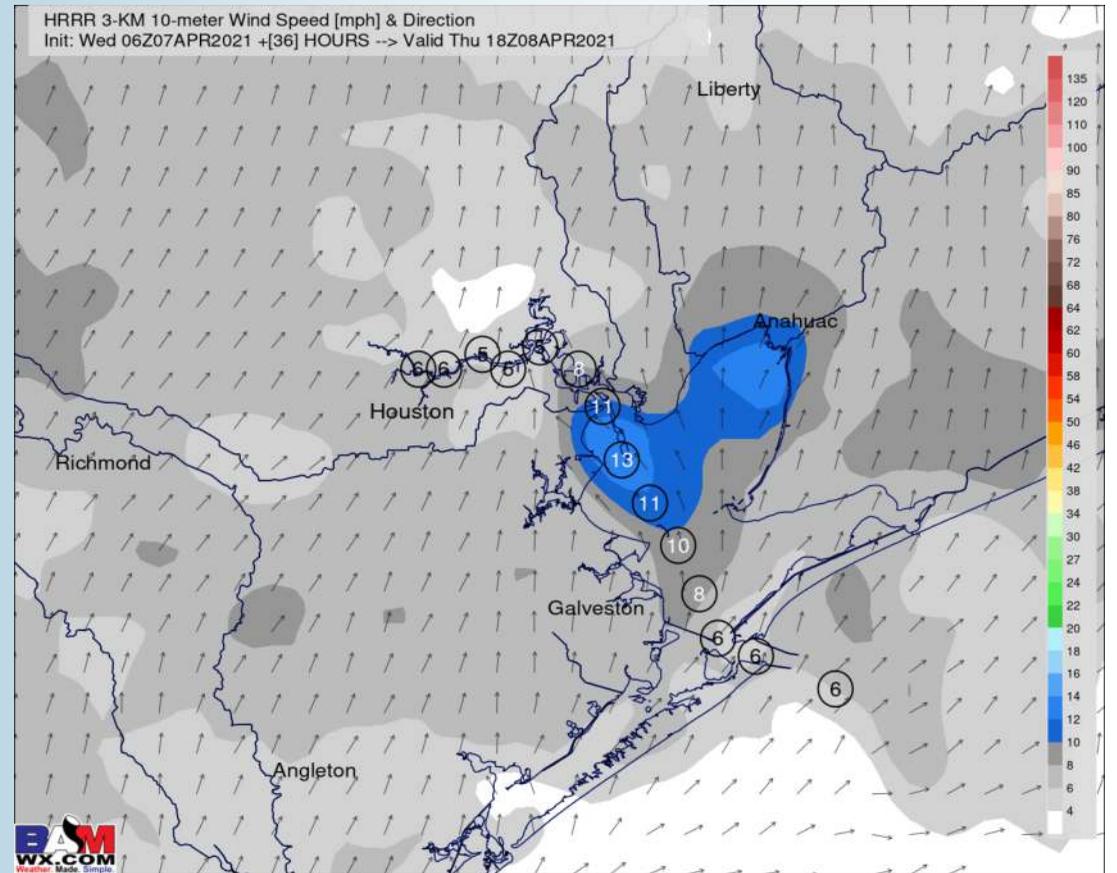
➤ **While models continue to indicate mist/fog potential in the 4 AM – 10 AM window for Thursday, we continue to think they are overdone with fog as the atmospheric profiles are not totally supportive of what the model is outputting. The overall best chances of any patchy fog would come South of Morgan's point, but fog still cannot be 100% ruled out for locations north.**

➤ **Lower confidence exists with this forecast because we currently think models are a bit too aggressive with the fog. The period mentioned above will be the window to watch for any potential development, but we would not be surprised to see the fog threat trend less as we work closer.**

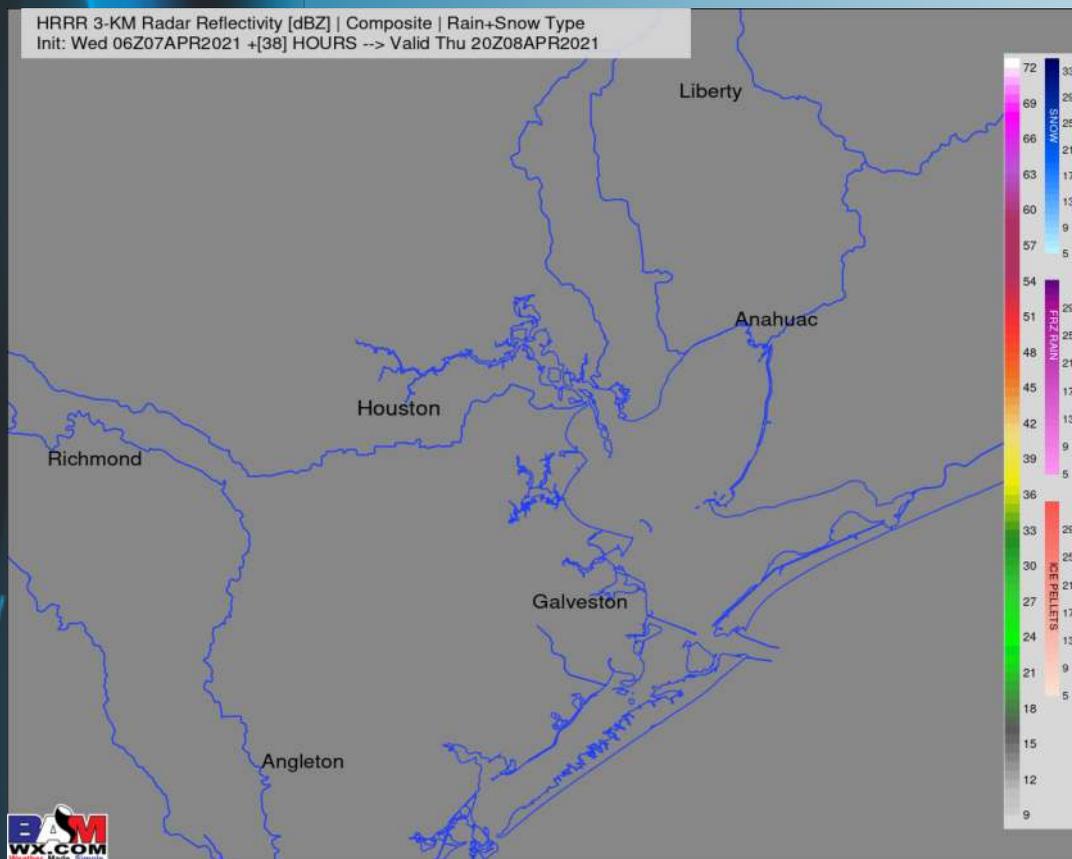
Short-Term Forecast Discussion

- Thursday day is anticipated to be rather dry across the area.
- Winds will be weak Thursday morning, increasing after 12pm towards the remainder PM hours out of the South at 8-13 MPH, gusting up to 13-18 MPH at times. In the AM hours (1-10 AM), while the **general** direction will be out of the S, winds look to be calm enough to have variable wind direction
- High temps for our Thursday will reach into the mid 70s for our stations, mid to upper 80s inland.
- *Guidance has trended a bit stronger with the *potential* threat of mist/fog for Thursday evening. We are still outside of short term model data for exact details, but think Thursday overnight into Fri AM should be monitored for the threat of *patchy* fog.*

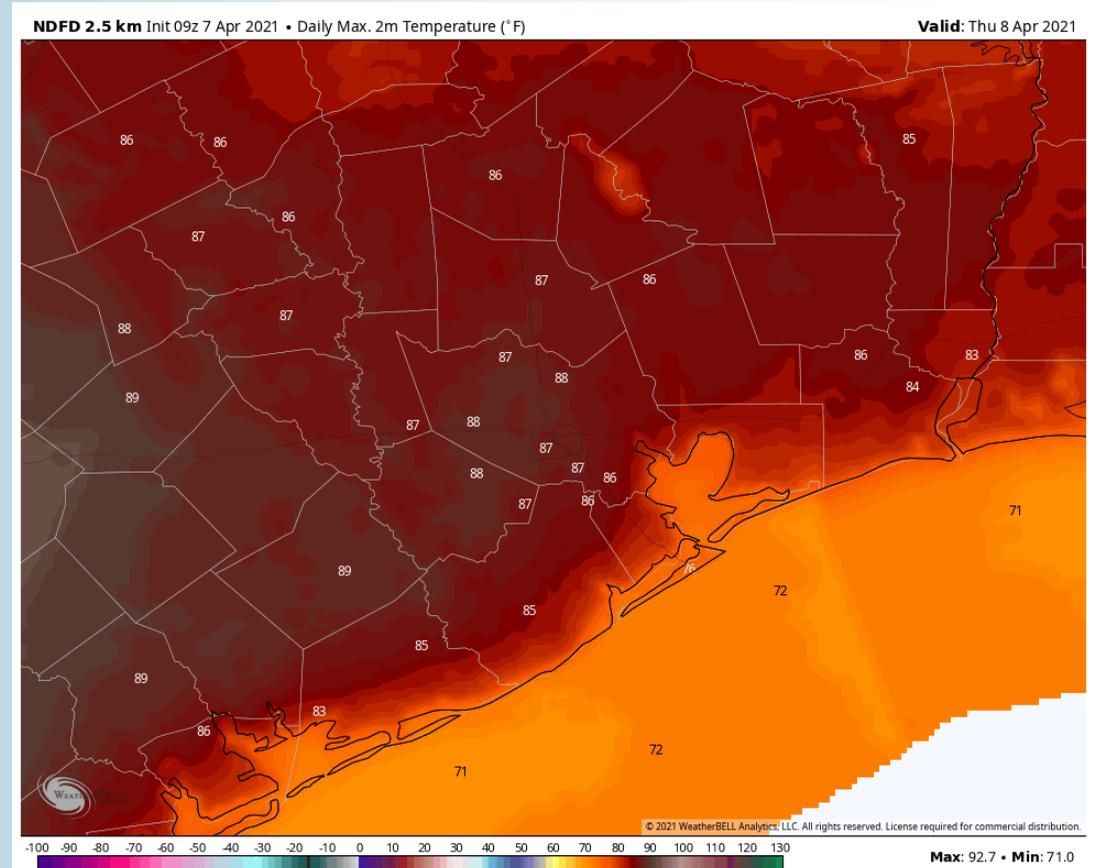
Sustained Winds (1 PM CT)



Simulated Radar Snapshot (3 PM CT)



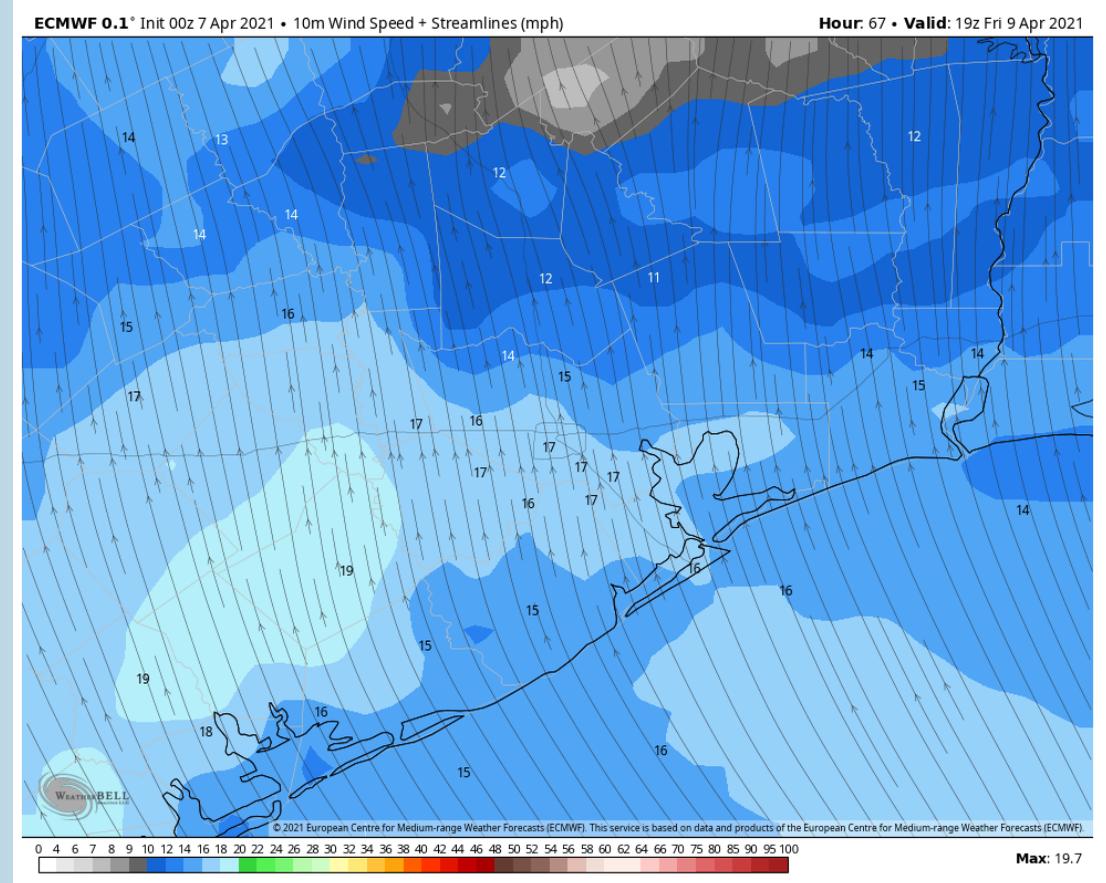
High Temperatures Thursday



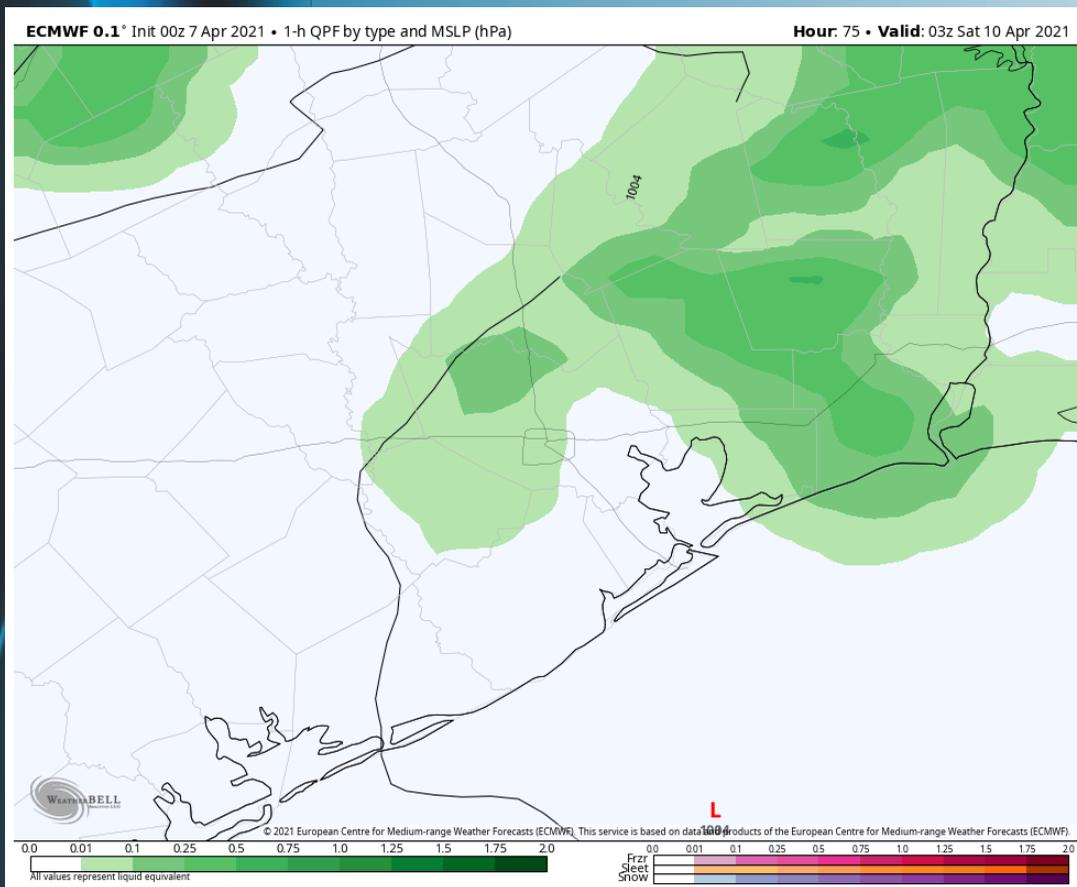
Short-Term Forecast Discussion

- **Watching sundown Friday evening and into the very early morning hours of Saturday for another round of precipitation to work through the area. At this distance a few thunderstorms do look possible.**
- **Friday's winds look to continue coming out of the South at 13-18 MPH with gusts 18-23 MPH possible.**
- **Temps will be similar to Thursday, highs in the mid 70s for most of our stations and mid-upper 80s further inland.**
- ***No fog is anticipated for Friday evening.***

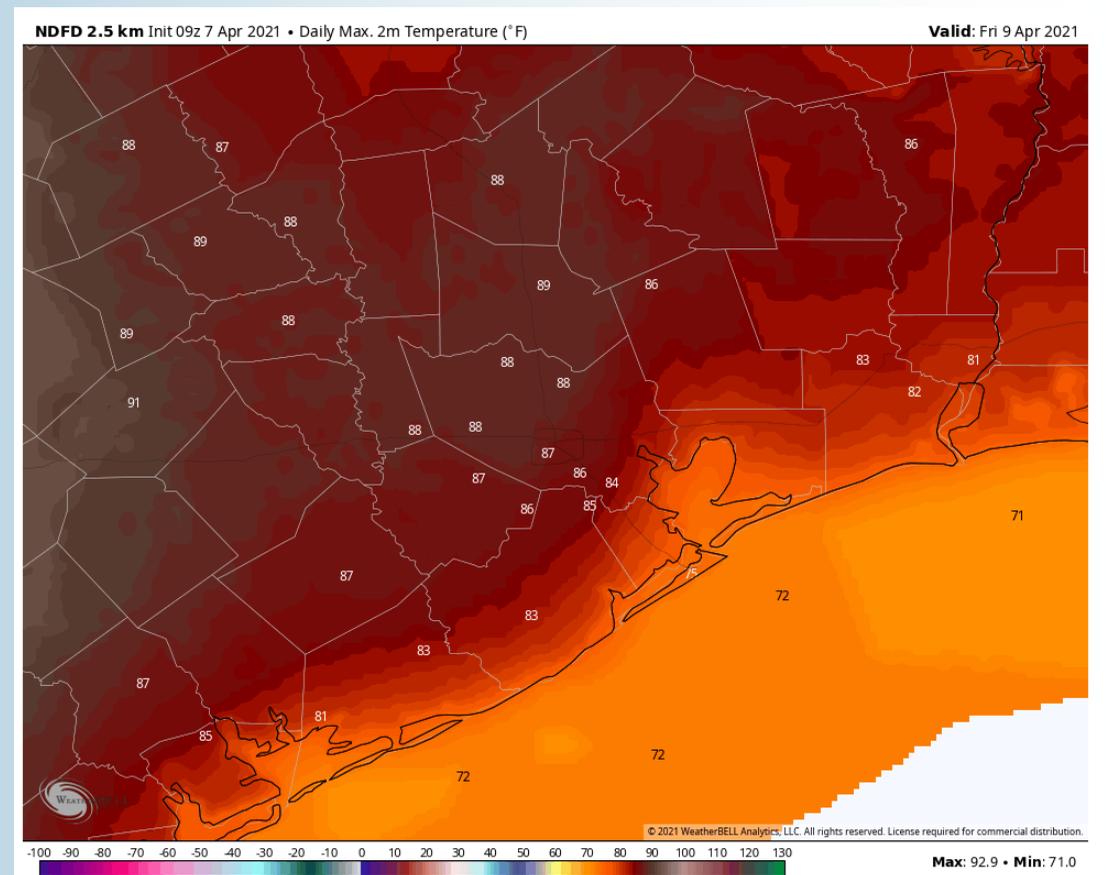
Sustained Winds (2 PM CT)



Simulated Radar Snapshot (10 PM CT)



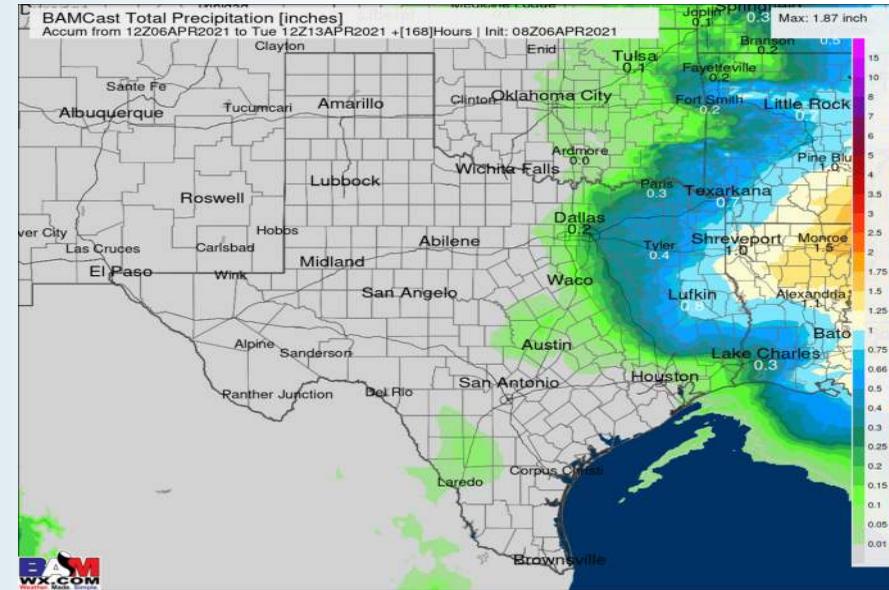
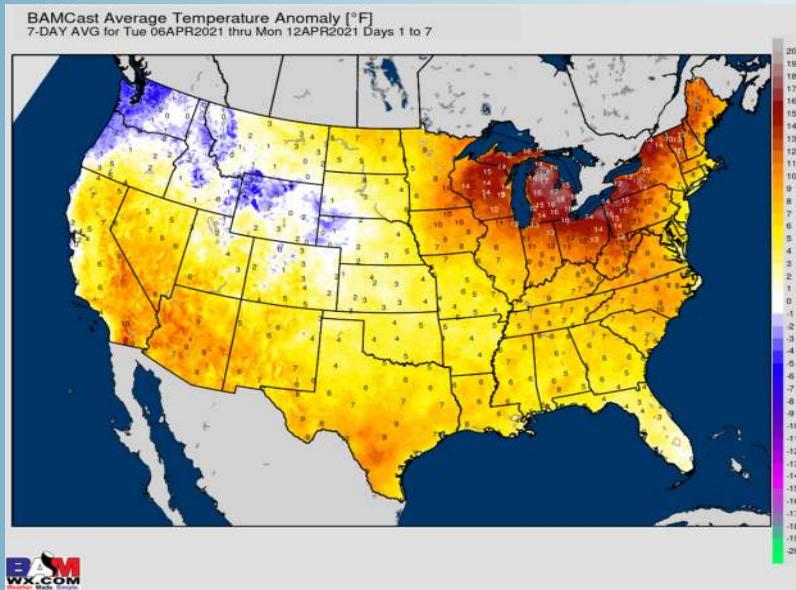
High Temperatures Friday



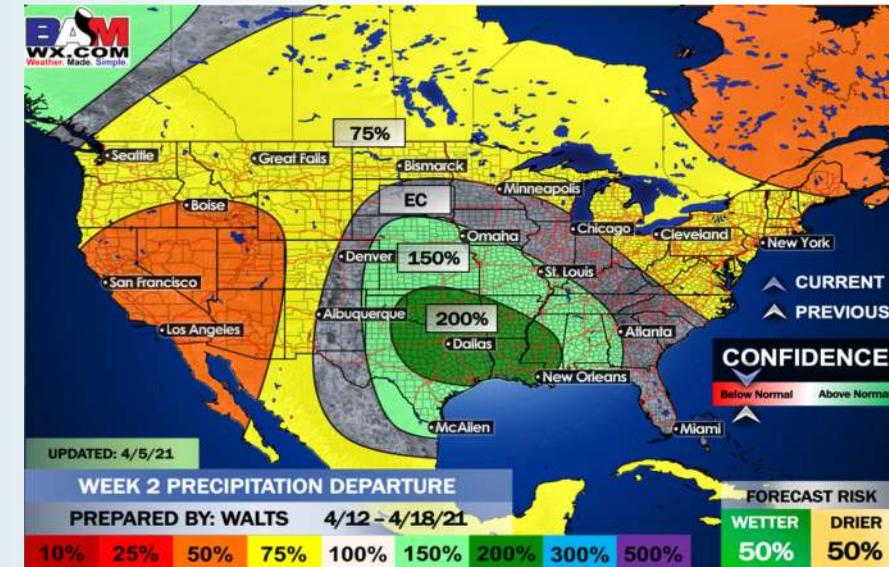
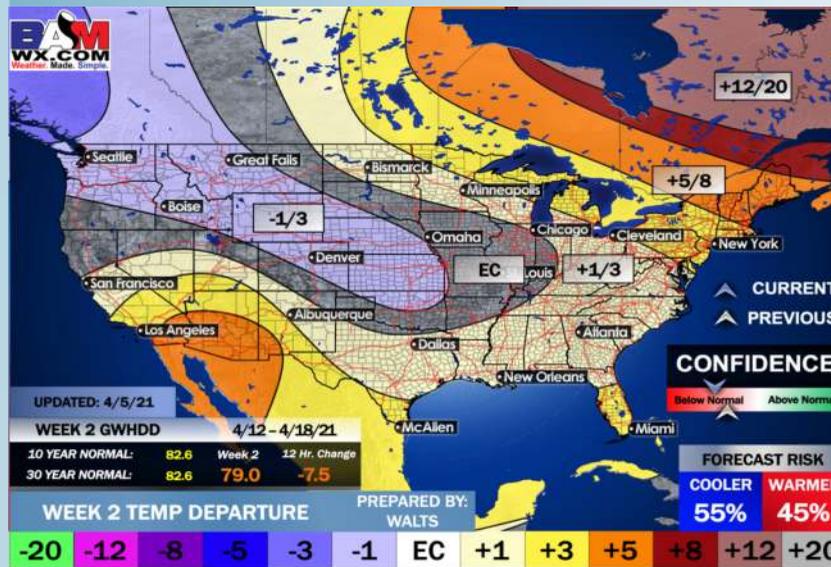
Long-Range Forecast Discussion

- Precipitation chances will be little over the next several days across the area, mainly north to northeast. Temperatures will look to continue to be on the rise ahead, anticipating above normal warmth to be consistent.
- Precipitation looks to continue to be on the increase in week 2 across the area, while temps stay slightly above normal.
- 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.

Week 1 Forecast



Week 2 Forecast



Weeks 3/4 Forecast

