

Updated: 2:15 PM 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 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	04-08-2021 Thu 3pm	04-08-2021 Thu 4pm	04-08-2021 Thu 5pm	04-08-2021 Thu 6pm	04-08-2021 Thu 7pm	04-08-2021 Thu 8pm	04-08-2021 Thu 9pm	04-08-2021 Thu 10pm	04-08-2021 Thu 11pm			
Houston Pilots N - 610 Bridge	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	8.998	8.358	7.043	9.336	8.493	8.249	5.90	4.87	5.86	6.86	8.30	4.90	6.27	7.30	8.34	9.03	10.00	10.00	10.00	10.00	10.00	8.94	6.92	6.92	6.92	6.87	5.89			
Houston Pilots M - Kinder 1	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	9.044	8.519	6.117	9.308	8.450	8.271	5.94	4.90	5.82	6.85	8.22	4.93	6.80	7.26	8.87	9.95	10.00	10.00	10.00	10.00	10.00	8.99	6.92	6.92	6.92	6.92	5.89			
Houston Pilots L - Greens Bayou	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	9.104	8.624	5.731	8.906	8.513	8.319	5.94	4.90	5.89	6.92	9.28	4.93	6.92	8.79	9.88	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	7.95	6.92	6.92	6.92	5.89
Houston Pilots K - Shell Crude	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	9.035	8.694	5.462	9.008	8.690	8.431	5.94	4.90	5.89	6.92	9.41	4.93	6.92	8.99	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	7.95	7.56	6.92	6.92	5.89	
Houston Pilots J - Lynchburg Ferries	10.00	10.00	10.00	10.00	10.00	10.00	10.00	9.762	8.829	8.708	5.495	9.076	8.771	8.441	5.94	4.90	4.40	5.10	6.67	3.68	5.15	8.19	9.81	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	8.22	8.22	6.67	5.40	5.91	
Houston Pilots I - Exxon 3	10.00	10.00	10.00	10.00	10.00	10.00	10.00	9.474	8.522	8.336	4.168	9.443	9.157	8.845	5.94	5.01	5.89	6.92	9.30	4.93	6.92	8.99	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	7.95	7.95	6.92	6.92	5.89	
Houston Pilots H - Morgans Point	10.00	10.00	10.00	10.00	10.00	10.00	9.613	9.031	8.320	7.783	4.486	9.504	10.00	10.00	6.06	6.06	3.04	3.20	4.13	2.31	3.20	7.32	9.49	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	8.52	7.56	4.98	3.23	4.51	
Houston Pilots G - 75/76	10.00	10.00	9.759	10.00	10.00	9.643	9.042	8.588	7.995	7.666	6.653	8.799	10.00	10.00	5.45	5.94	1.78	0.81	0.21	0.16	0.16	3.98	7.95	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	8.99	8.99	8.99	5.52	1.56	0.19	2.47
Houston Pilots F - 63/64	9.701	9.958	9.504	9.928	9.799	9.350	8.862	8.459	7.967	7.824	7.197	7.419	10.00	10.00	4.90	4.90	4.49	3.21	1.33	0.16	0.16	2.23	6.02	9.03	10.00	10.00	10.00	10.00	8.54	8.51	7.57	7.54	3.23	0.49	0.16	2.47		
Houston Pilots E - 51/52	9.138	9.481	9.307	9.538	9.376	8.963	8.543	7.996	7.990	7.785	7.368	5.566	10.00	10.00	4.90	4.90	6.95	6.46	3.90	0.44	0.23	1.33	5.12	9.03	9.36	9.03	6.96	6.01	5.97	5.97	5.51	1.11	0.16	0.16	2.47			
Houston Pilots D - 37/38	8.992	9.249	9.427	9.628	9.231	8.823	8.443	6.977	7.899	7.714	7.581	5.069	8.771	10.00	4.90	4.90	8.03	7.00	5.74	1.48	0.31	0.34	2.62	7.21	9.03	8.59	4.57	3.47	3.43	3.43	3.12	0.34	0.16	0.16	2.47			
Houston Pilots C - 25/26	8.879	9.025	9.343	9.648	9.053	8.681	8.398	7.145	7.822	7.706	7.627	5.971	5.959	10.00	4.90	4.90	8.03	7.00	5.97	1.87	0.16	0.16	1.38	5.57	7.27	6.30	1.42	1.42	1.38	1.38	0.98	0.16	0.16	0.16	2.47			
Houston Pilots B - 11/12	8.208	8.255	8.446	8.628	8.274	8.107	8.009	7.720	7.661	7.655	7.625	6.606	5.117	10.00	4.90	4.90	8.03	7.00	6.33	2.17	0.00	0.00	0.19	3.15	4.64	3.64	0.15	0.12	0.16	0.16	0.10	0.16	0.16	0.16	2.47			
Houston Pilots A - 1 & 2 Bravo	7.581	7.582	7.590	7.599	7.582	7.587	7.603	7.595	7.310	7.607	7.581	7.444	5.728	9.036	4.90	4.90	8.03	8.03	7.00	1.99	0.00	0.00	0.16	0.12	0.36	0.36	0.12	0.12	0.16	0.00	0.00	0.16	0.16	0.16	2.39			

Short-Term Forecast Discussion

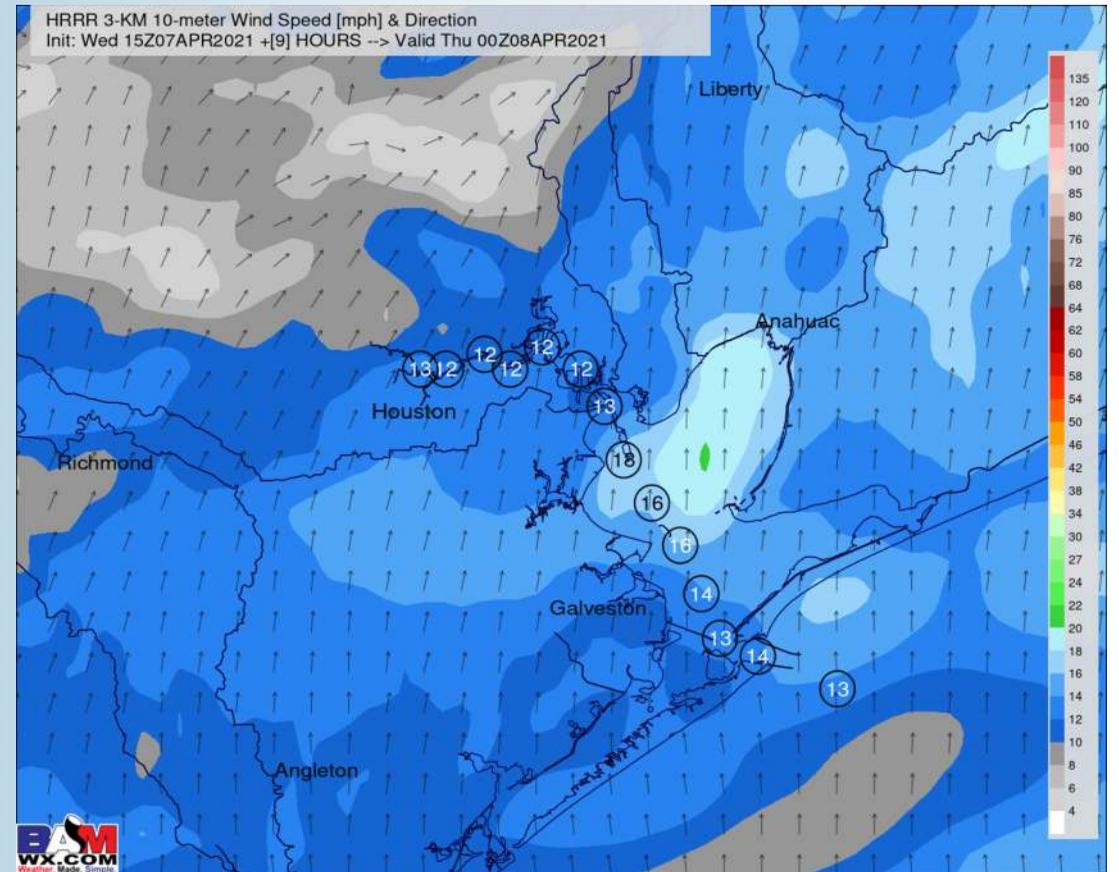
- While a few isolated showers (10-20%) will continue to be possible throughout the rest of the afternoon, right now favoring the 11PM – 2 AM timeframe for the better chances of scattered rain showers to move through the area with a stalling/weakening front. A few rumbles of thunder cannot be ruled out

- Out through the passage of the front late tonight, winds will continue out of the South, sustained at 13-18 MPH, gusting at times to 20-25 MPH and a few locally higher gusts will be possible with the passing of the precip. Behind the front and into tomorrow AM, winds look to be 5-10 MPH.

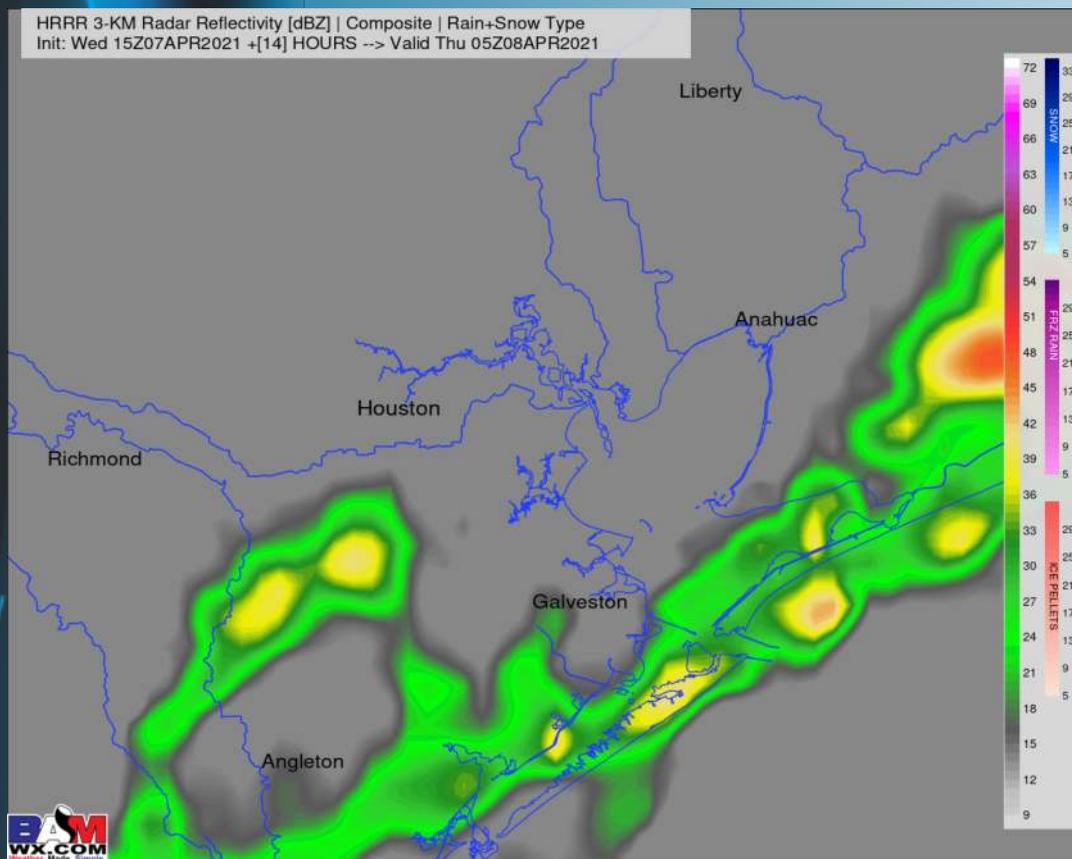
- Temps in the overnight for our stations will drop back into the mid to upper 60s, cooler inland.

- *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.*

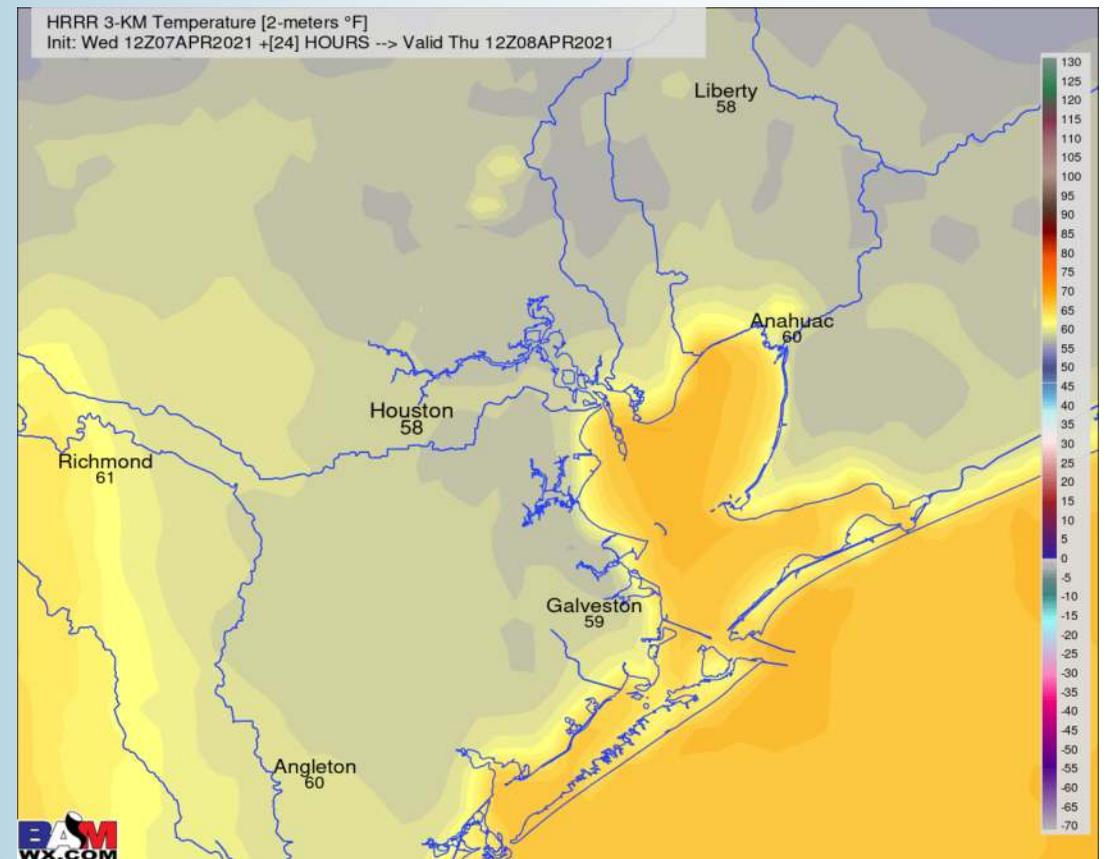
Sustained Winds (7 PM CT)



Simulated Radar Snapshot (12 AM CT)



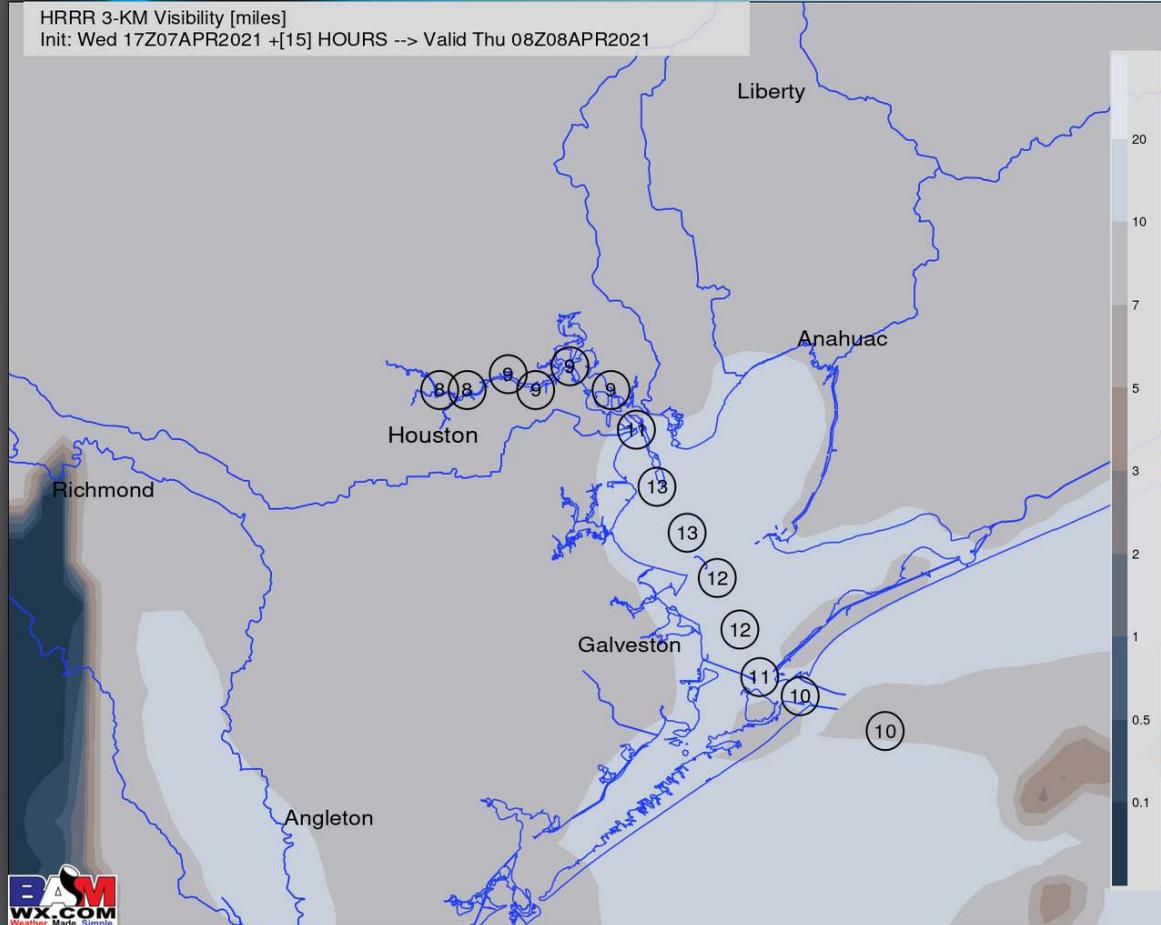
Low Temps into Tomorrow



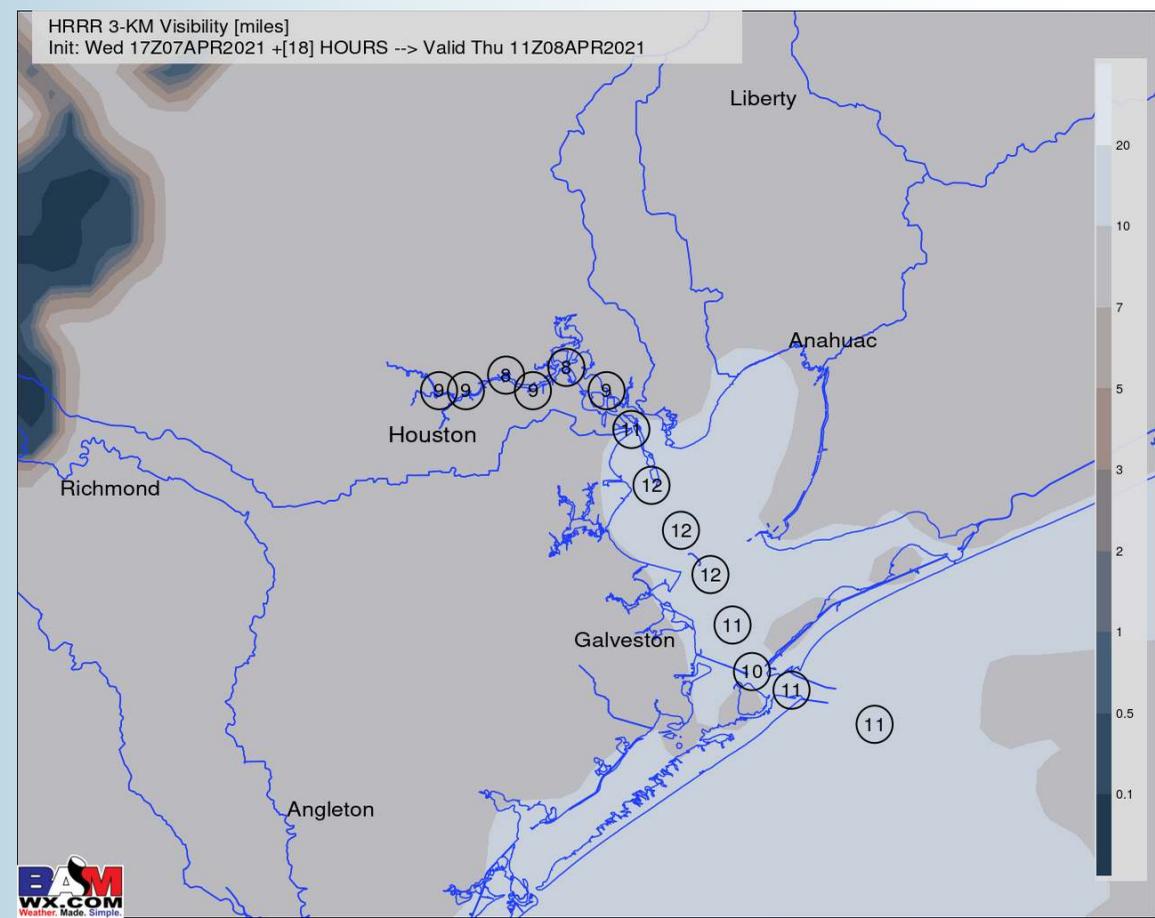
Fog Report

Thursday, April 8th, 2021

VISIBILITY (HRRR MODEL 3 AM CT THU)



VISIBILITY (HRRR MODEL 7 AM CT THU)



CONFIDENCE

Below
Normal

Above
Normal

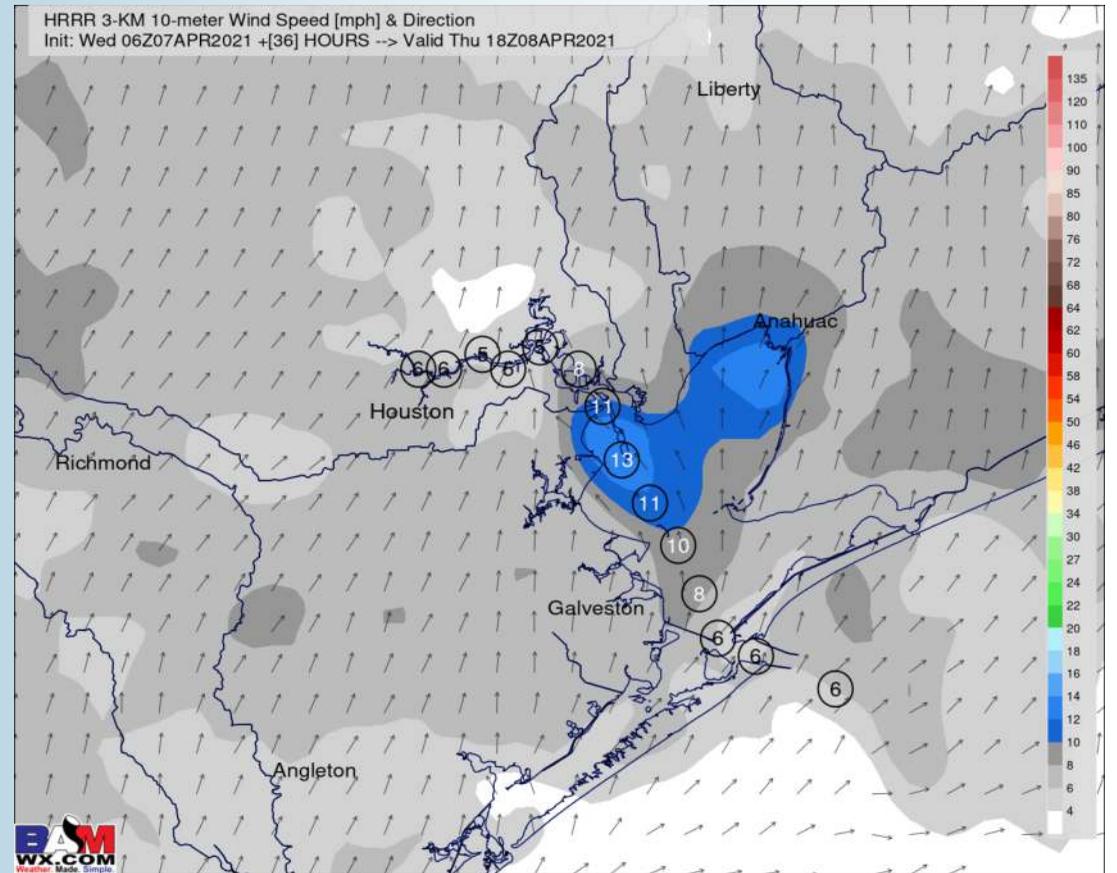
➤ **While some models continue to indicate mist/fog potential in the 6 AM – 11 AM window for Thursday, we continue to think they are overdone with fog as the atmospheric profiles are not totally supportive of what the model is outputting.**

➤ **As discussed this morning, we are seeing models trend weaker with the fog threat for Thursday morning. While fog cannot be 100% ruled out into tomorrow morning, we are not in favor of fog and would not be surprised to see continued weakening trends of the modeled fog. We will continue to watch PM/ evening data and update as needed.**

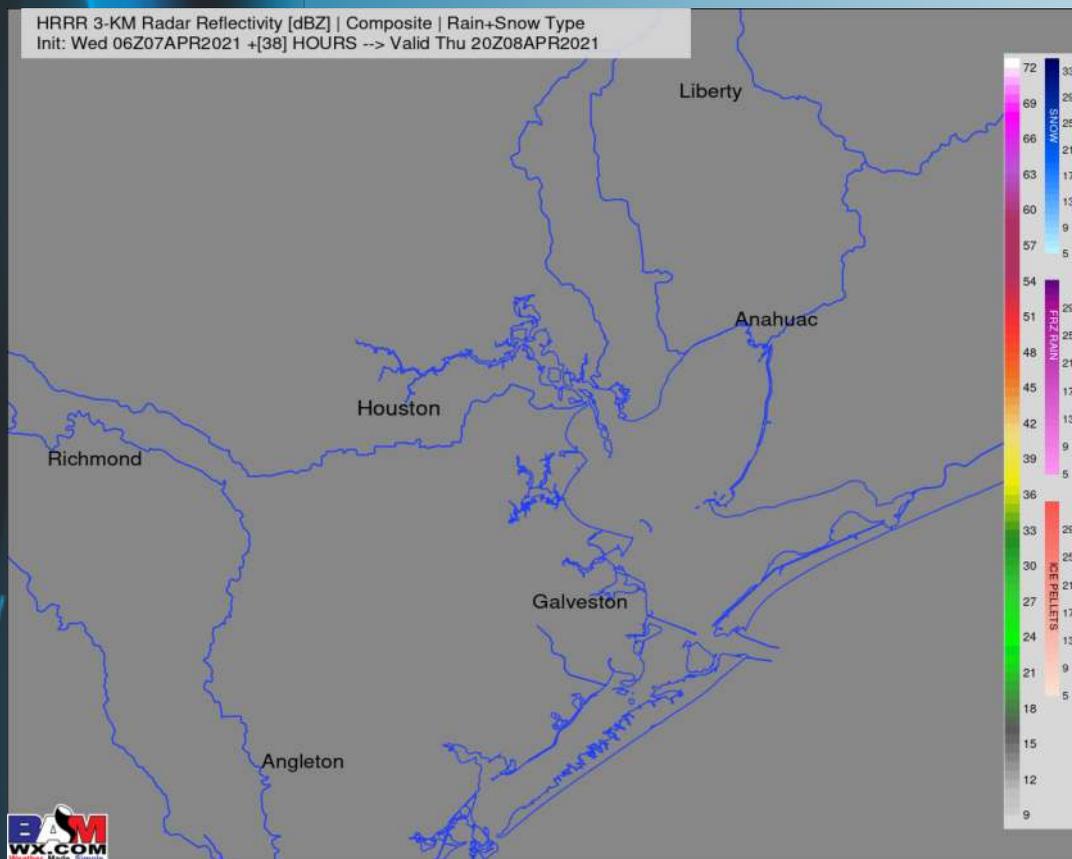
Short-Term Forecast Discussion

- Thursday day is anticipated to be rather dry across the area.
- Winds will be weak Thursday morning, increasing after ~3 PM 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 of Thu (2-10 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.
- *Still watching for the *potential* threat of mist/fog for Thursday evening. We are just 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.*

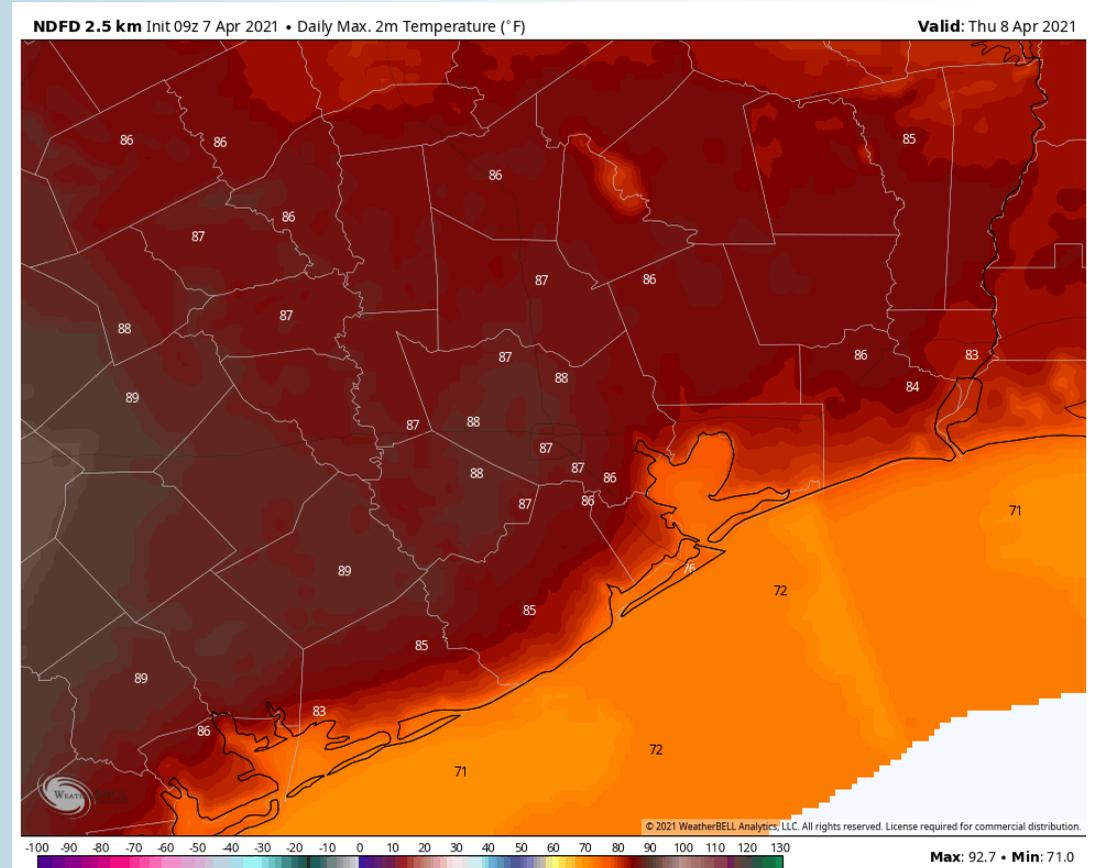
Sustained Winds (1 PM CT)



Simulated Radar Snapshot (3 PM CT)



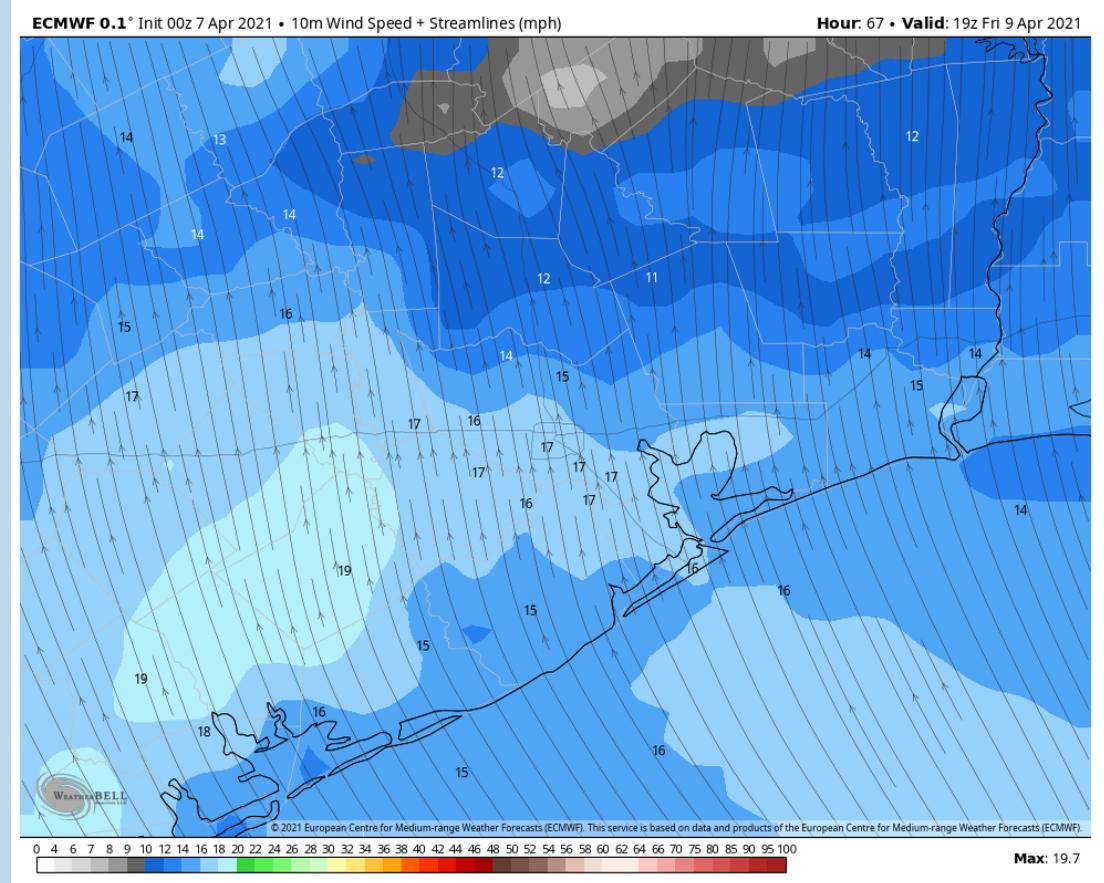
High Temperatures Thursday



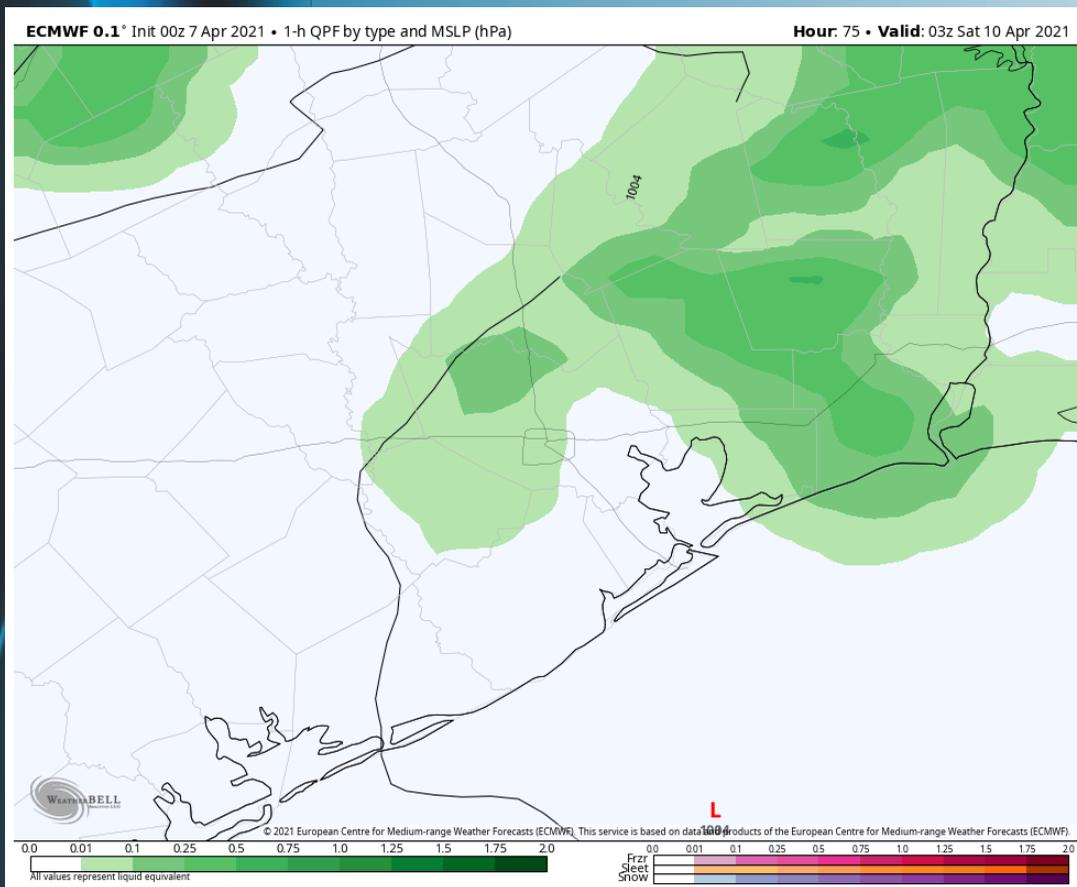
Short-Term Forecast Discussion

- **Watching sundown Friday evening and into the very early morning hours of Saturday for another round of scattered 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.***

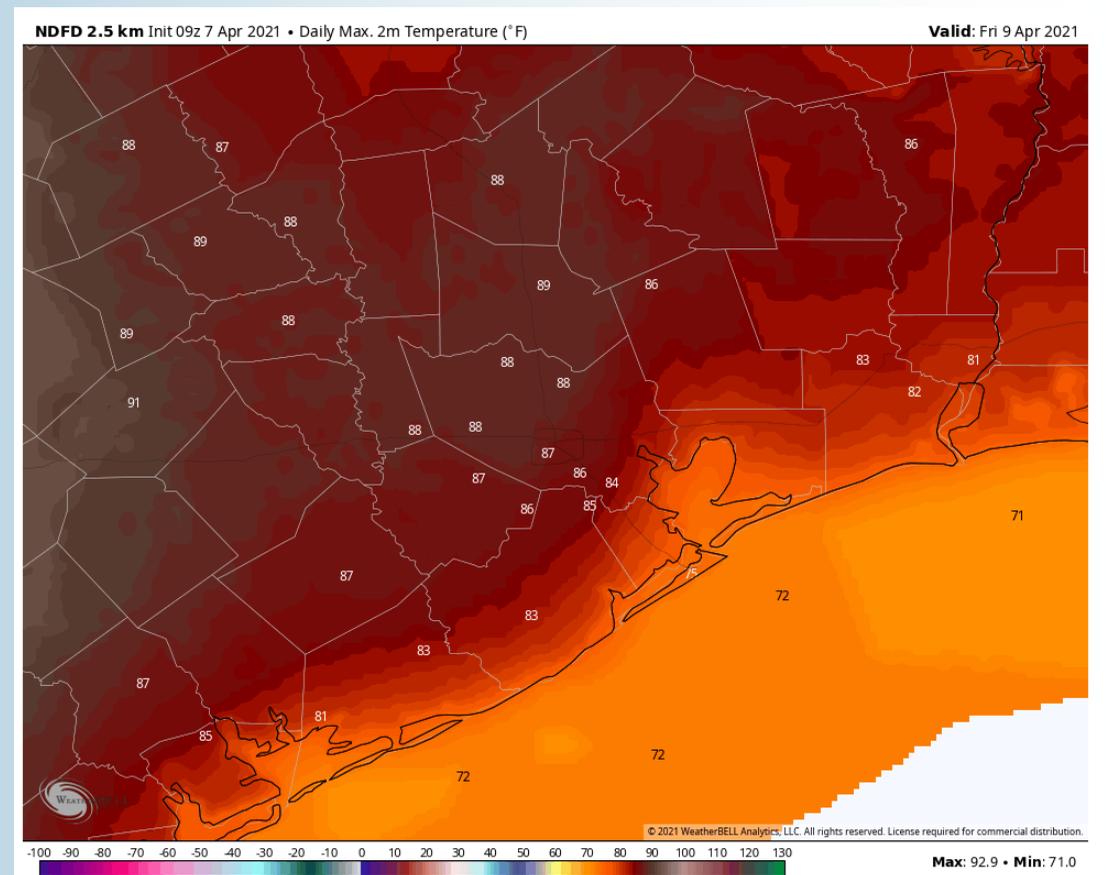
Sustained Winds (2 PM CT)



Simulated Radar Snapshot (10 PM CT)



High Temperatures Friday



Long-Range Forecast Discussion

➤ Precipitation chances remain hit and miss over the next several days across the area, mainly north to northeast.

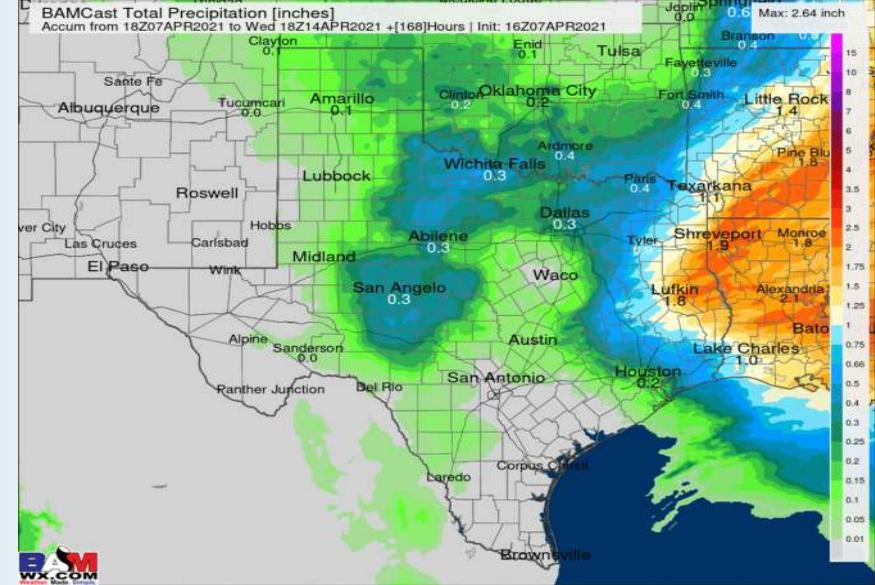
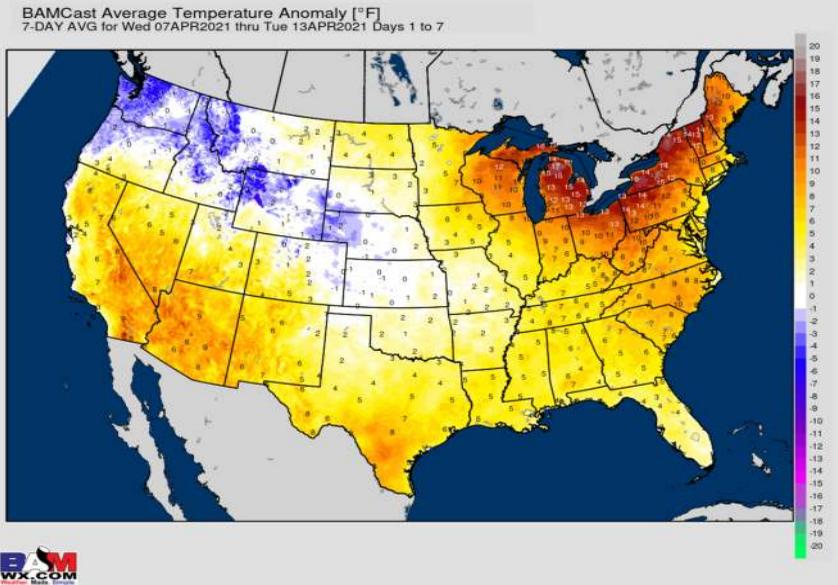
Temperatures will look to continue to be on the rise ahead, anticipating above normal warmth to be consistent.

➤ Precipitation looks to continue to on the increase in week 2 across the area, while temps look to stay below normal.

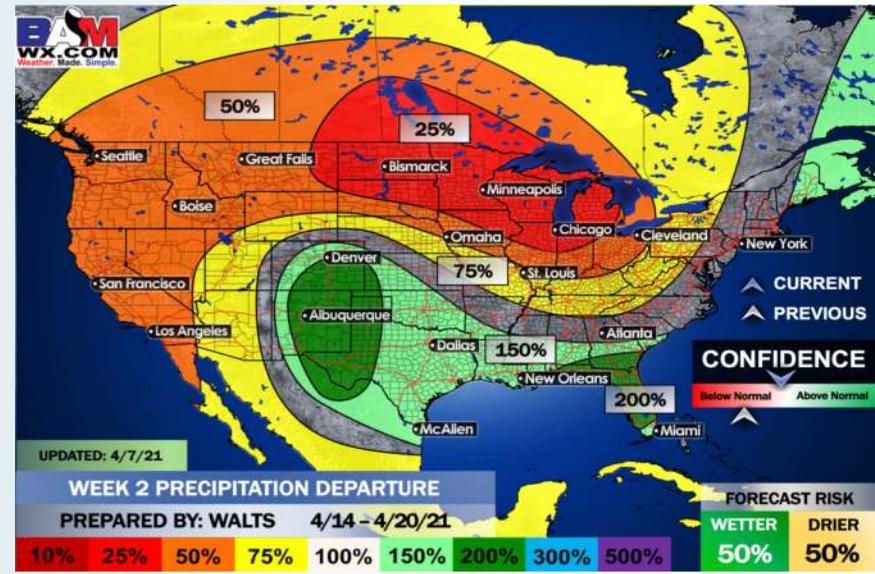
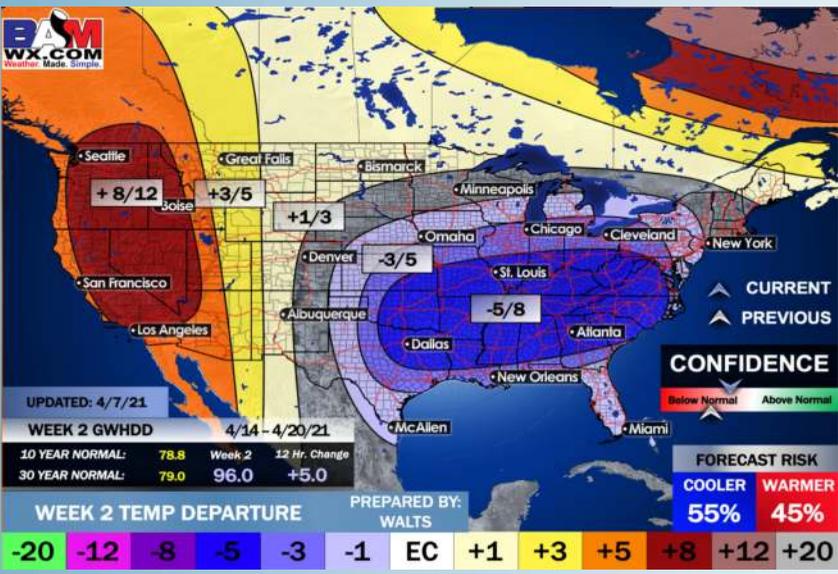
➤ Expectations are for a below normal pattern for precipitation risk for the Houston area for weeks 3 + 4.

Temperatures are anticipated to average out to near normal for this time frame.

Week 1 Forecast



Week 2 Forecast



Weeks 3/4 Forecast

