

Updated: 2:00 PM CT, Thursday, April 8, 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

Thursday, April 8, 2021

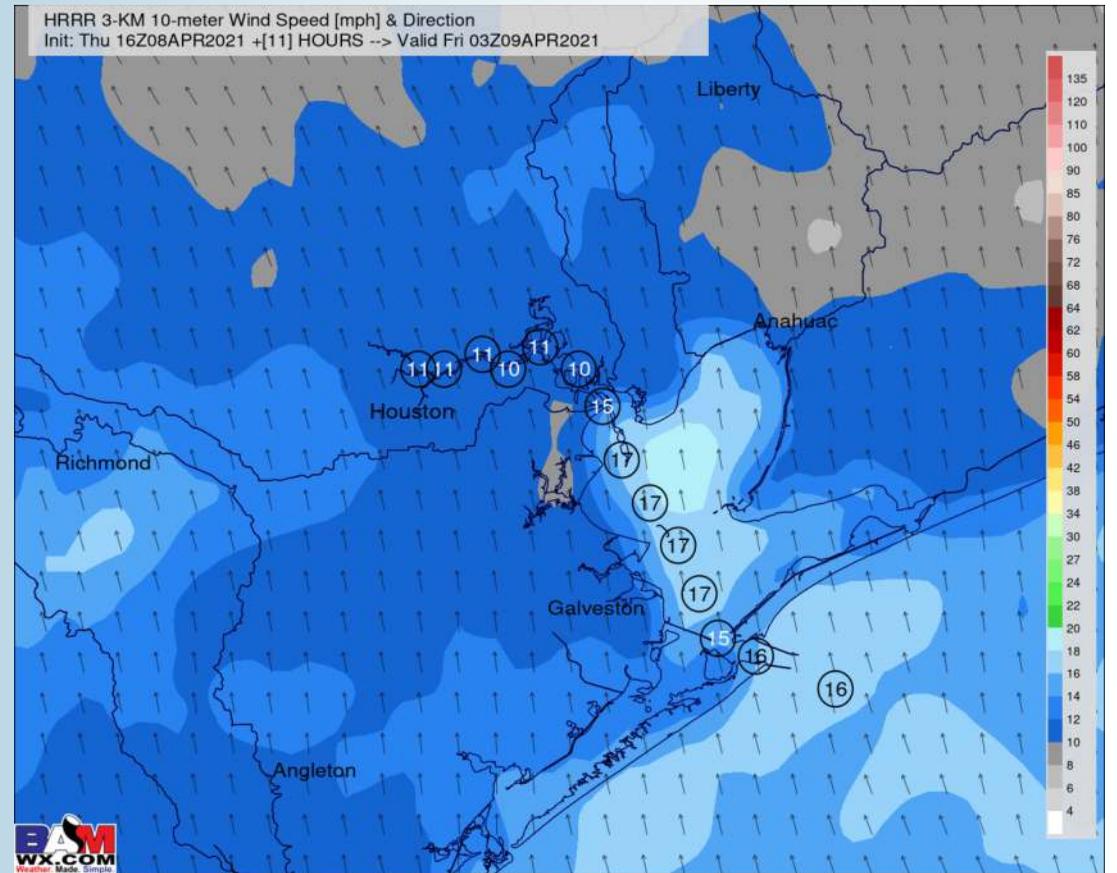
HOURLY VISIBILITY BREAKDOWN (in miles)

Time	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	04-09-2021 Fri 12am	04-09-2021 Fri 1am	04-09-2021 Fri 2am	04-09-2021 Fri 3am	04-09-2021 Fri 4am	04-09-2021 Fri 5am	04-09-2021 Fri 6am	04-09-2021 Fri 7am	04-09-2021 Fri 8am	04-09-2021 Fri 9am	04-09-2021 Fri 10am	04-09-2021 Fri 11am	04-09-2021 Fri 12pm	04-09-2021 Fri 1pm	04-09-2021 Fri 2pm	04-09-2021 Fri 3pm	04-09-2021 Fri 4pm	04-09-2021 Fri 5pm	04-09-2021 Fri 6pm	04-09-2021 Fri 7pm	04-09-2021 Fri 8pm	04-09-2021 Fri 9pm	04-09-2021 Fri 10pm	
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	8.576	1.628	5.105	8.263	9.223	6.89	5.94	6.92	5.89	5.89	4.93	3.90	4.93	6.92	6.92	8.99	10.00	10.00	9.03	8.62	6.89	5.93	4.93	4.93	4.93	5.89
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	8.334	1.517	4.588	8.173	9.066	6.89	5.94	6.92	5.89	5.89	4.93	3.90	4.93	6.92	6.92	8.99	9.73	9.73	9.03	8.66	6.89	5.93	4.97	4.93	5.00	5.89
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	7.400	1.762	2.934	7.758	8.691	6.89	5.94	6.92	5.89	5.89	4.93	3.90	4.93	6.92	6.92	8.99	8.99	8.99	9.03	7.92	6.89	5.93	4.90	4.93	4.93	5.89
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	5.506	1.048	2.459	7.632	8.528	6.89	5.94	6.92	5.89	5.89	4.93	3.90	4.93	6.92	6.92	8.74	8.99	8.99	9.03	7.92	6.89	5.93	4.90	4.93	4.93	5.89
Houston Pilots J - Lynchburg Ferries	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	8.630	2.369	0.547	0.828	6.870	8.225	6.89	5.94	7.21	6.45	6.45	5.20	5.23	6.00	7.21	7.46	8.61	8.19	8.47	9.03	8.05	7.45	6.75	5.98	6.00	5.75	6.45
Houston Pilots I - Exxon 3	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	5.690	0.345	0.085	0.770	5.696	7.992	6.89	5.94	6.92	5.89	5.89	4.93	3.90	4.93	6.92	6.92	7.95	8.99	8.99	8.60	6.89	6.89	5.53	4.90	4.93	4.93	5.89
Houston Pilots H - Morgans Point	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	2.599	0.064	0.028	1.536	5.708	7.538	6.78	5.95	6.87	6.85	6.40	4.85	6.70	6.64	7.53	8.06	8.52	5.91	7.12	8.53	8.07	7.85	7.17	7.17	6.64	6.64	6.50
Houston Pilots G - 75/76	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	8.390	1.284	0.032	0.039	1.991	5.900	6.843	5.94	5.94	4.48	5.97	3.83	5.92	8.50	8.03	8.03	8.99	8.54	1.52	5.42	8.00	8.50	6.89	8.95	9.03	7.99	8.03	5.97
Houston Pilots F - 63/64	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	6.924	0.399	0.037	0.057	1.970	5.513	6.180	5.94	5.94	1.19	5.06	0.82	6.50	7.54	7.02	8.03	8.08	7.54	0.26	5.01	8.00	7.01	5.03	8.00	8.05	6.51	8.03	5.06
Houston Pilots E - 51/52	10.00	10.00	10.00	10.00	10.00	10.00	10.00	9.700	3.661	0.073	0.027	0.651	2.152	4.899	4.953	5.94	5.94	0.16	4.03	0.16	7.11	5.51	5.51	8.03	8.03	5.45	0.16	4.09	8.00	5.52	4.98	8.00	8.00	5.12	7.11	4.09
Houston Pilots D - 37/38	10.00	10.00	10.00	10.00	10.00	10.00	10.00	9.036	1.616	0.020	0.044	1.472	2.578	2.641	3.780	4.90	5.94	0.16	1.27	0.16	5.97	2.42	3.33	8.03	8.03	2.18	0.16	2.26	8.00	3.37	4.98	8.00	8.00	2.83	5.97	2.10
Houston Pilots C - 25/26	10.00	10.00	10.00	10.00	10.00	10.00	10.00	7.210	0.606	0.008	0.050	1.932	2.956	0.685	3.403	4.90	5.94	0.16	0.34	0.16	4.29	0.45	1.26	7.59	7.59	0.34	0.16	1.59	8.00	2.51	4.98	8.00	8.00	2.13	5.30	0.89
Houston Pilots B - 11/12	10.00	10.00	10.00	10.00	10.00	8.416	3.862	0.112	0.008	0.151	1.621	2.659	0.261	3.253	4.56	4.73	0.16	0.16	0.16	1.93	0.16	0.16	6.63	6.41	0.16	0.16	1.59	8.00	2.51	5.57	8.00	6.63	1.11	4.42	0.16	
Houston Pilots A - 1 & 2 Bravo	8.604	7.043	5.386	5.422	5.256	4.310	2.755	0.035	0.029	1.205	2.727	0.578	0.842	3.739	3.95	3.78	0.16	0.16	0.16	0.16	0.16	0.16	1.70	1.62	0.16	0.16	2.71	7.73	4.72	8.00	8.00	1.91	0.16	1.11	0.16	

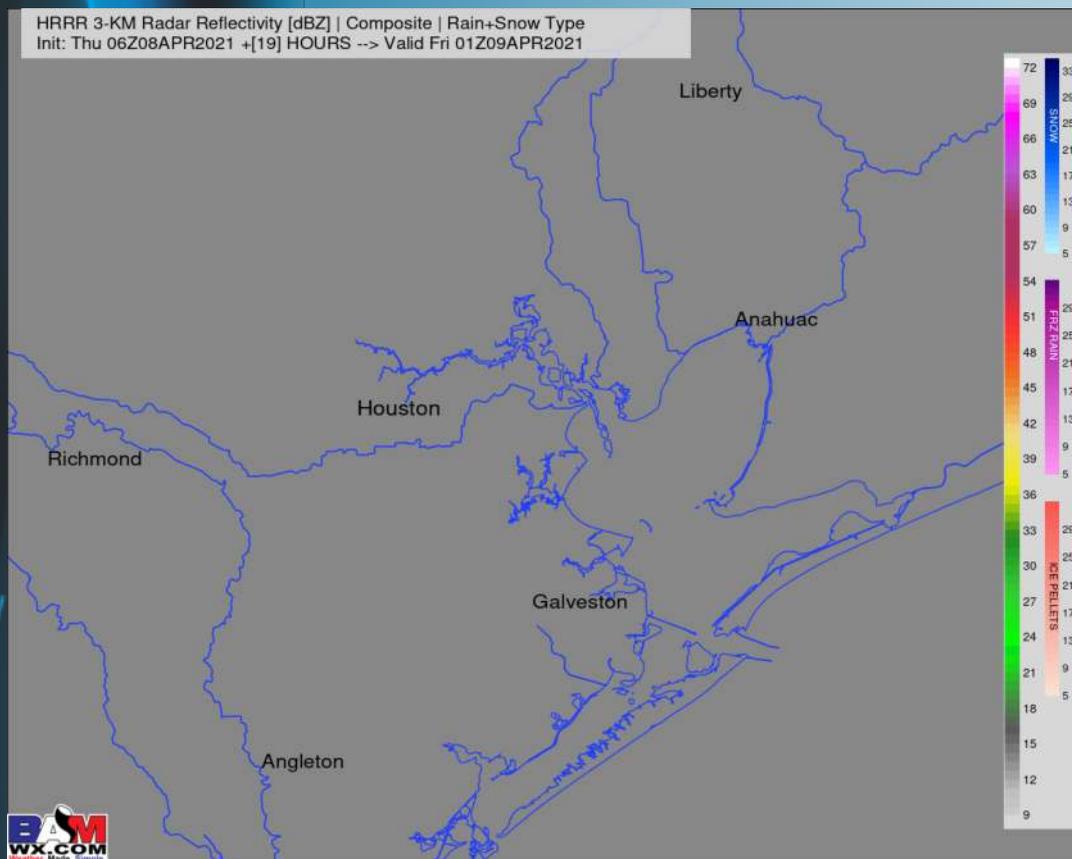
Short-Term Forecast Discussion

- The rest of the day is expected to be dry.
- Winds the rest of the day will be out of the South at 10-15 MPH, gusting up to 15-20 MPH at times.
- Temps tonight look to drop back into the lower 70s this evening and into the overnight
- *Check slide below for fog thoughts tonight*

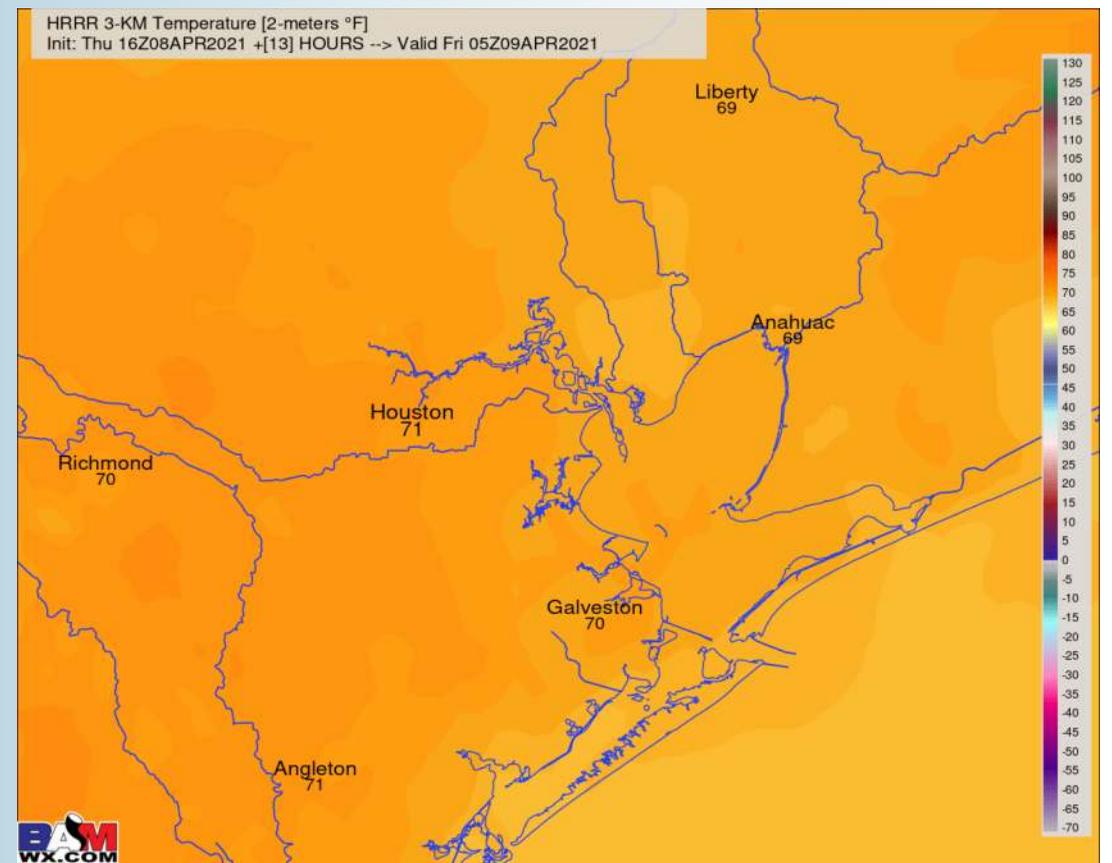
Sustained Winds (6 PM CT)



Simulated Radar Snapshot (8 PM CT)



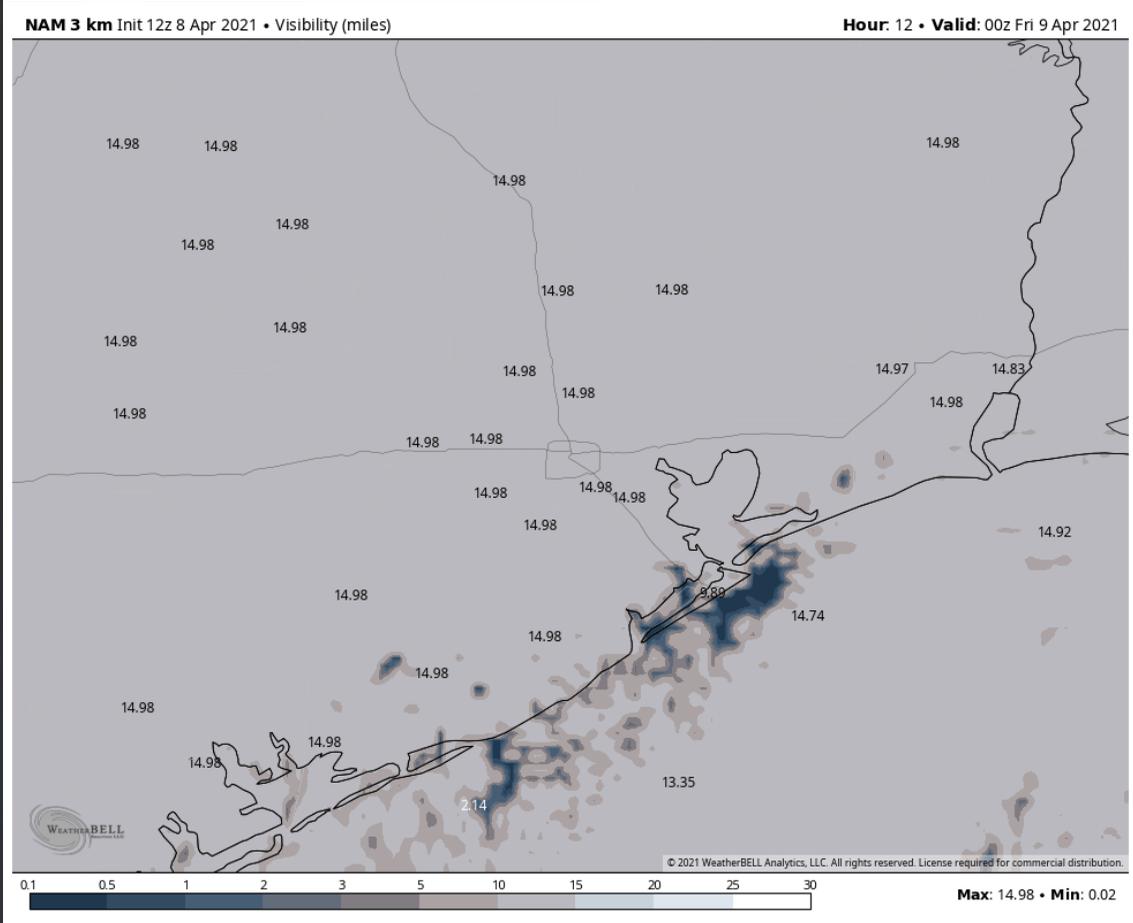
Temps this Evening



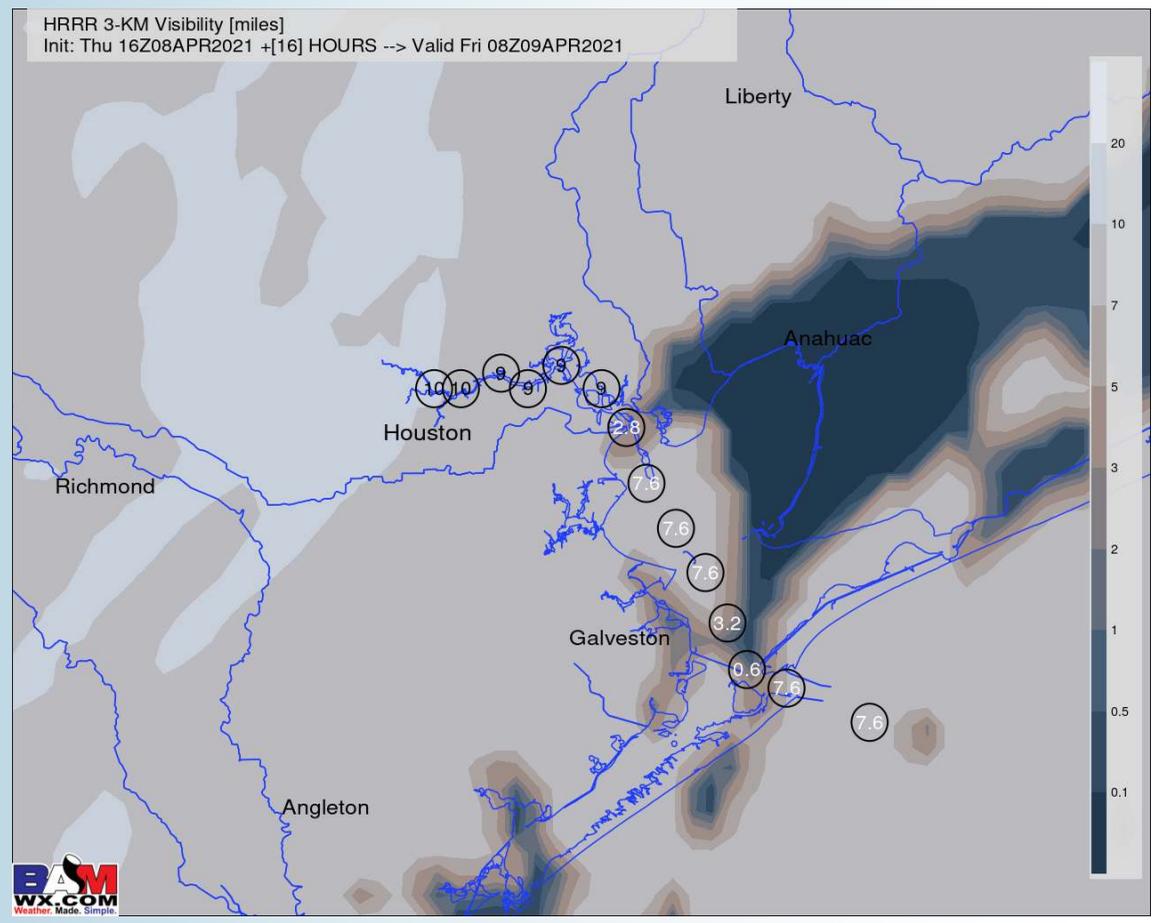
Visibility Report

Thursday, April 8th, 2021

VISIBILITY (HRRR MODEL 11 PM CT THU)



VISIBILITY (HRRR MODEL 4 AM CT FRI)



CONFIDENCE

Below
Normal

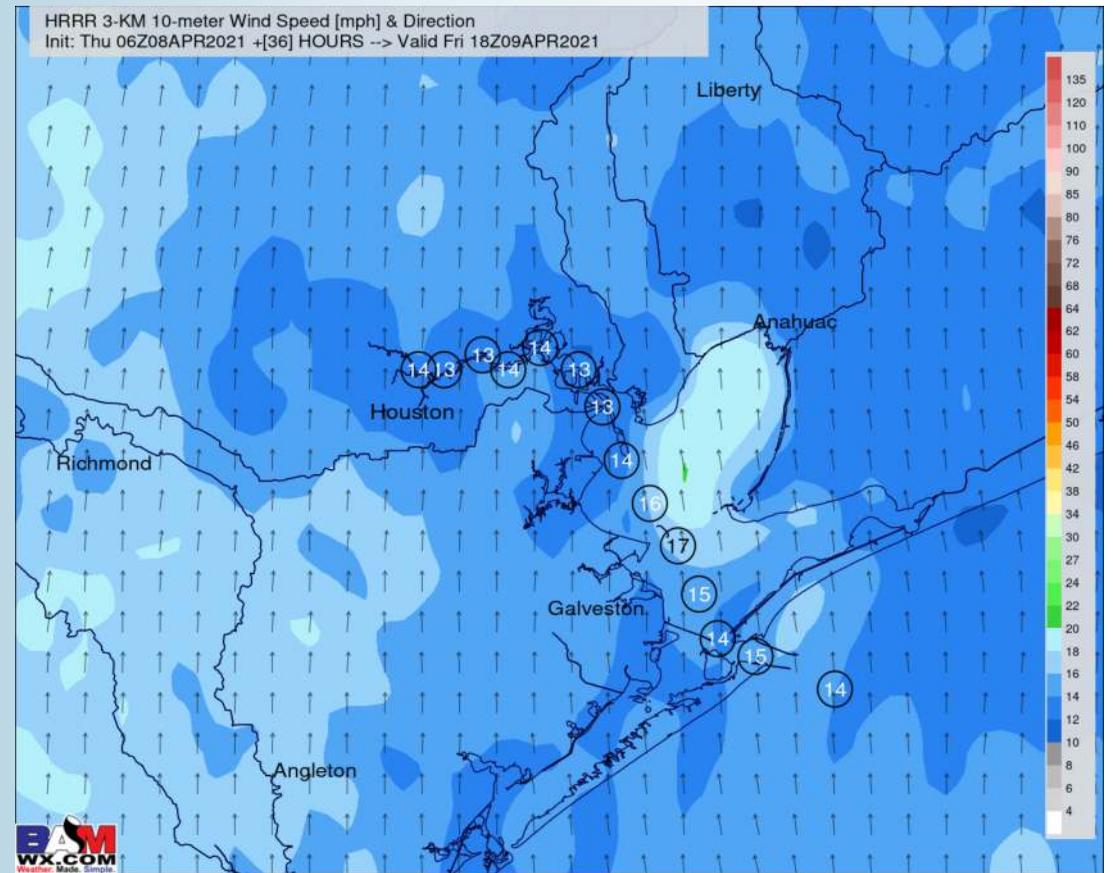
Above
Normal

- ***We are continuing to keep an eye on late this evening for the development of scattered reduced visibility near the boarding station and slowly progressing northward. Currently eyeing the ~8-10 PM window this evening for when mist/reduced visibility would likely develop near the boarding station and slowly lift N. Right now locations south of Morgan’s Point have the best potential to see pockets of limited visibility with things becoming much more scattered as it works north.***
- ***Based on latest favored guidance, the mist/reduced visibility will not be stationary, but rather “advection” or “transient” fog where it will be working through the area. Any pockets of reduced visibility looks to be present out through the morning hours of Friday (~8-10 AM) for the boarding station before sun likely diminishes any threat.***

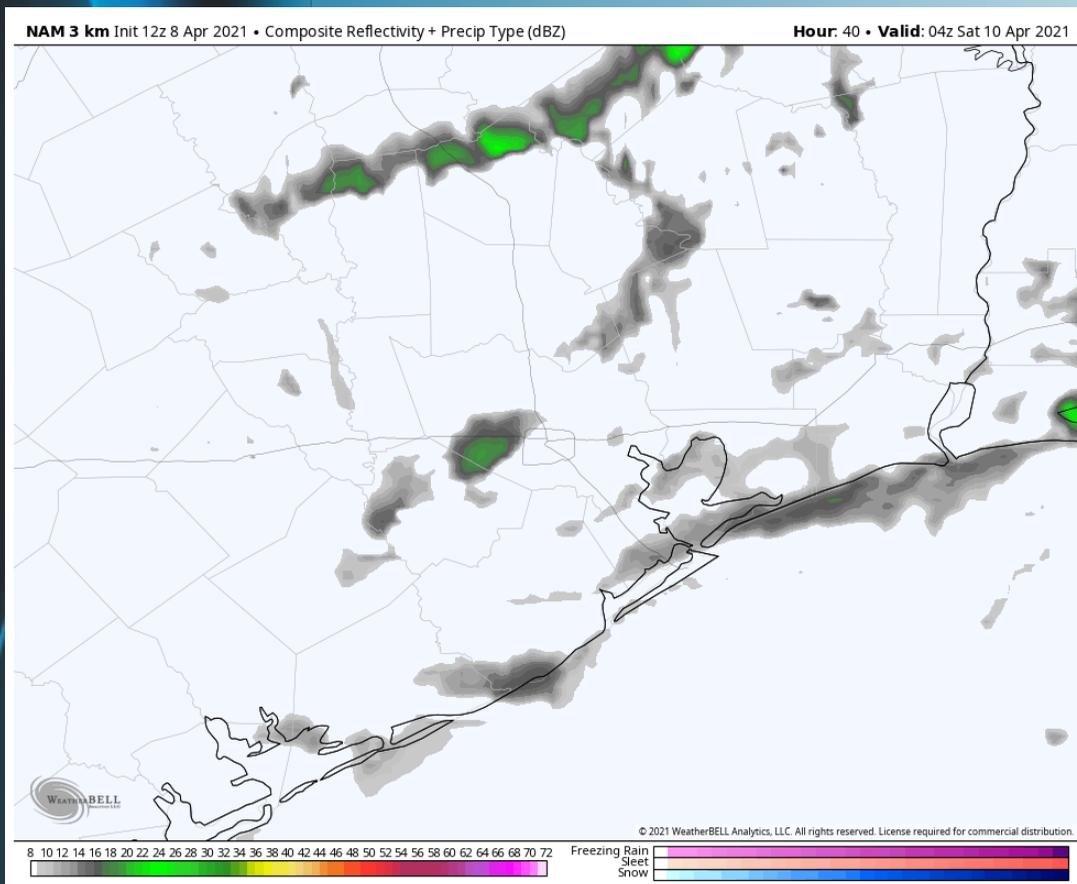
Short-Term Forecast Discussion

- Confidence continues to be slightly lower than normal thanks to model disagreements. We will favor a few scattered showers and thunderstorms possible into the late evening hours of Friday (beginning ~7 PM and into the overnight). The overall best threat for severe weather looks to stay just North of Houston & Galveston and the best threat would come in the early Sat AM hours vs Friday evening.
 - Friday's winds look to continue coming out of the South at 15-20 MPH with gusts 20-25 MPH possible.
 - Temps will be similar to today, highs in the mid 70s for most of our stations and mid-upper 80s further inland.
- *Check slide above for fog thoughts.*

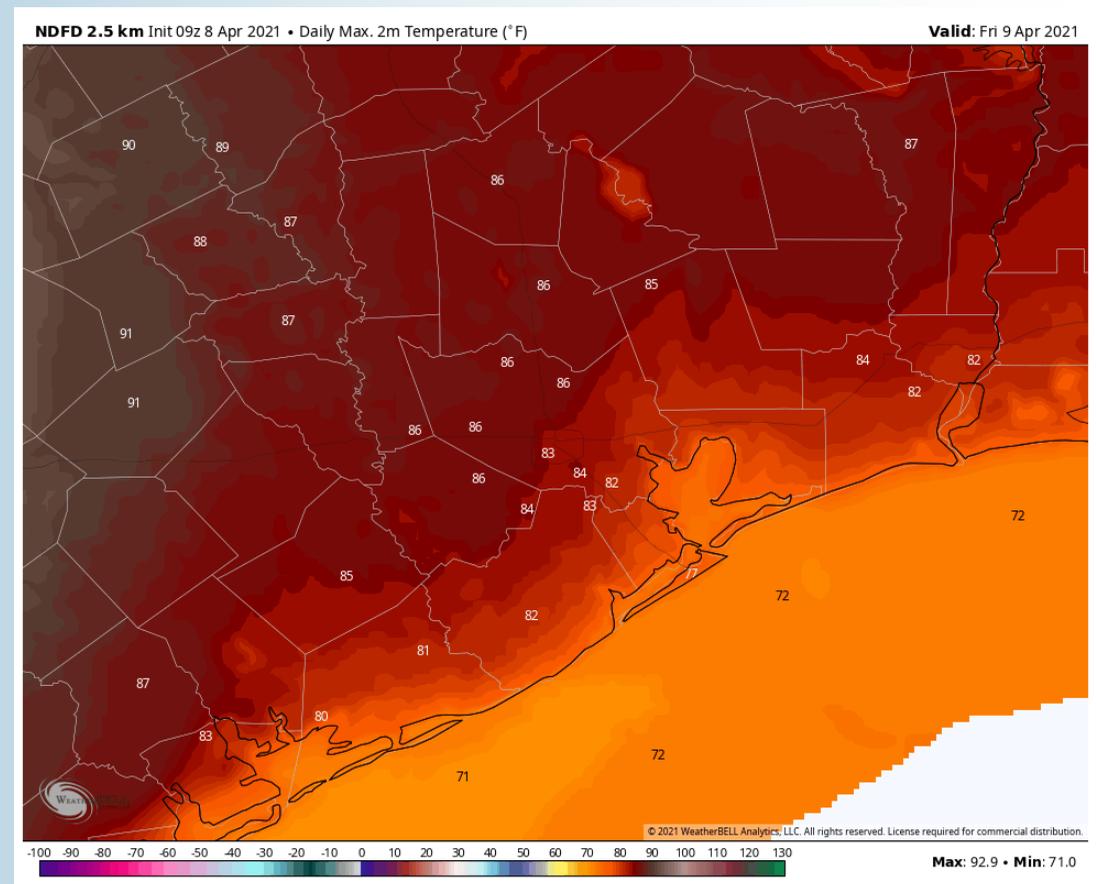
Sustained Winds (1 PM CT)



Simulated Radar Snapshot (10 PM CT)



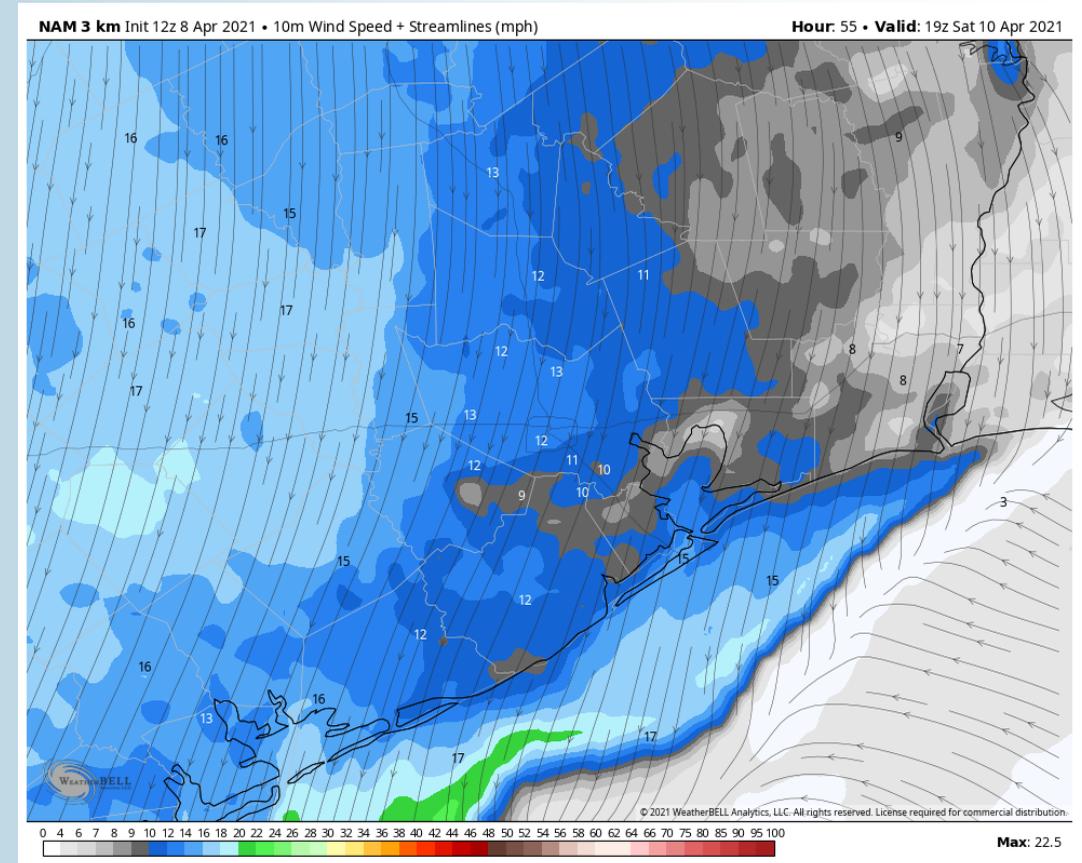
High Temperatures Friday



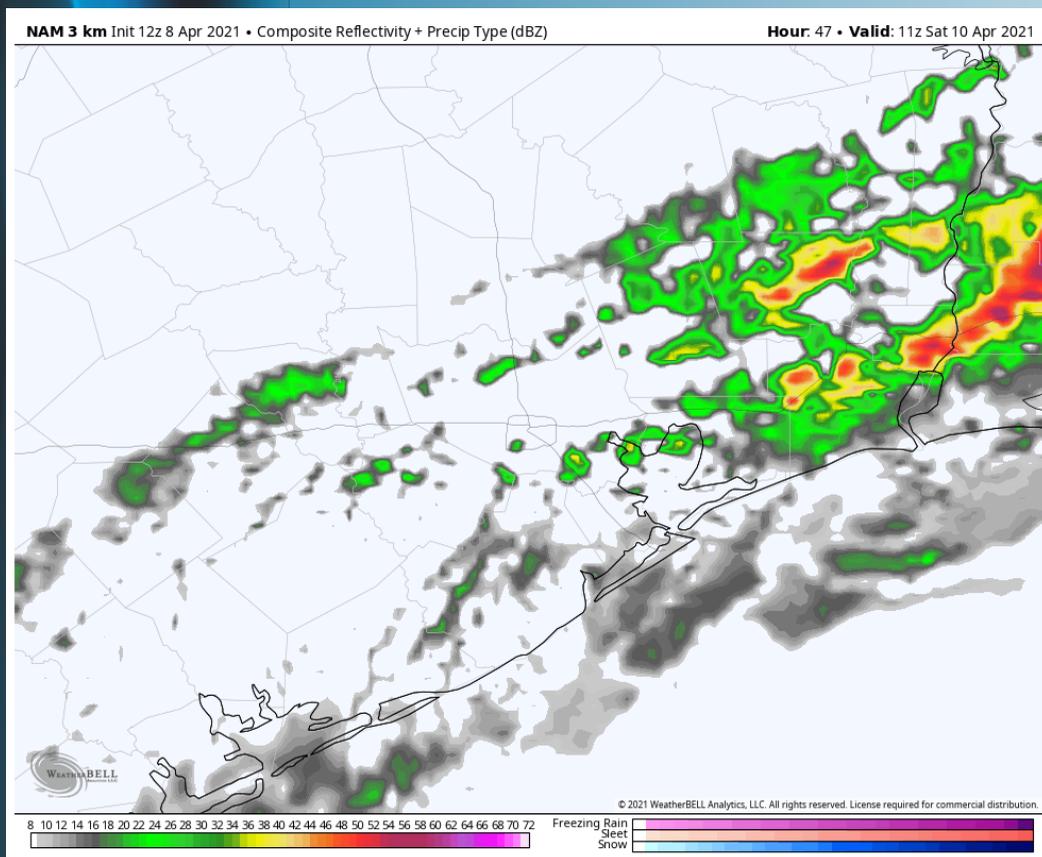
Short-Term Forecast Discussion

- **Scattered showers and thunderstorms out ahead and along our next cold front front look possible through mid-morning with drier weather into the afternoon and evening. The best threat for any locally stronger storms would come in the pre-dawn hours Saturday**
- **The early morning hours of Saturday will continue the winds coming from the South at 10-15 MPH sustained, but we are eyeing a front to work through the area near daybreak Saturday that will shift our winds from S to N. Winds turn fully to the N by mid-morning at 10-15 MPH**
- **Temps Saturday look to sit in the mid 70s for our stations, warmer inland.**
- ***With the passage of the front mid Sat AM and the wind shift, we are not in favor of fog for the day on Saturday.***

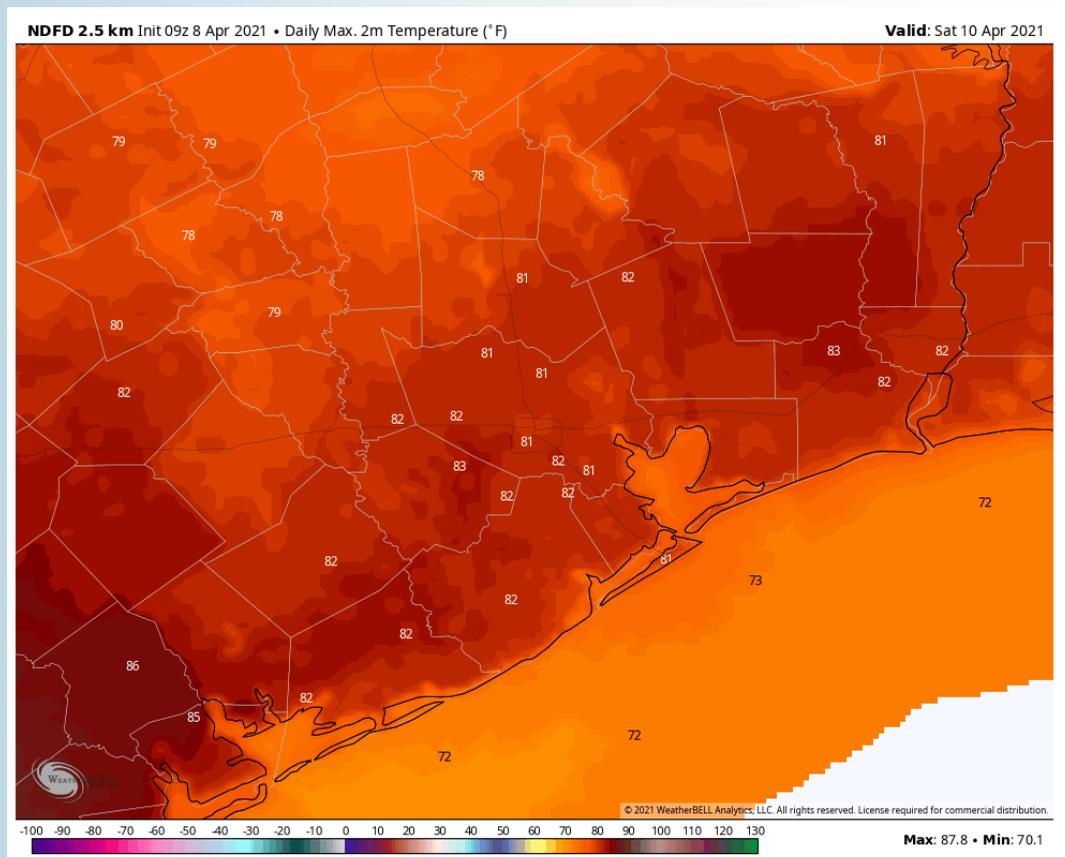
Sustained Winds (2 PM CT)



Simulated Radar Snapshot (7 AM CT)



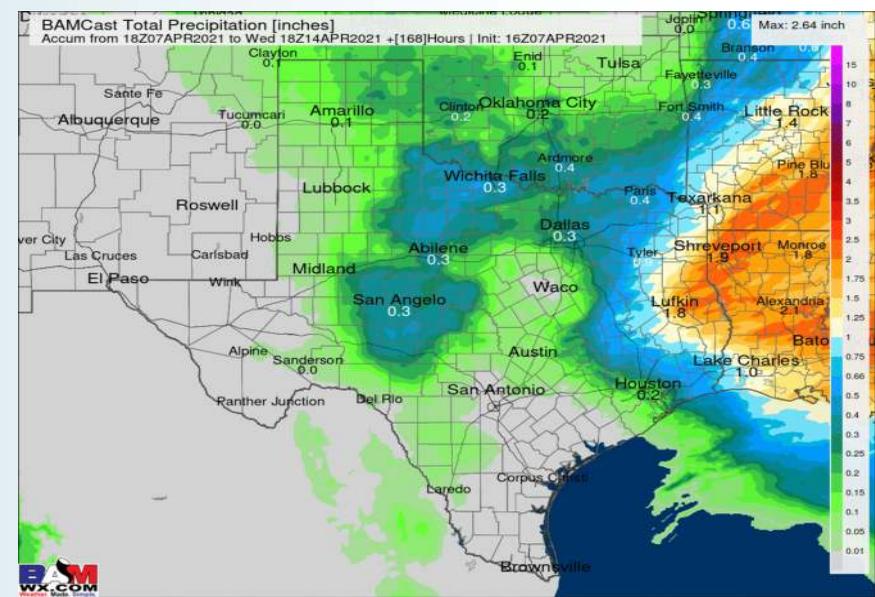
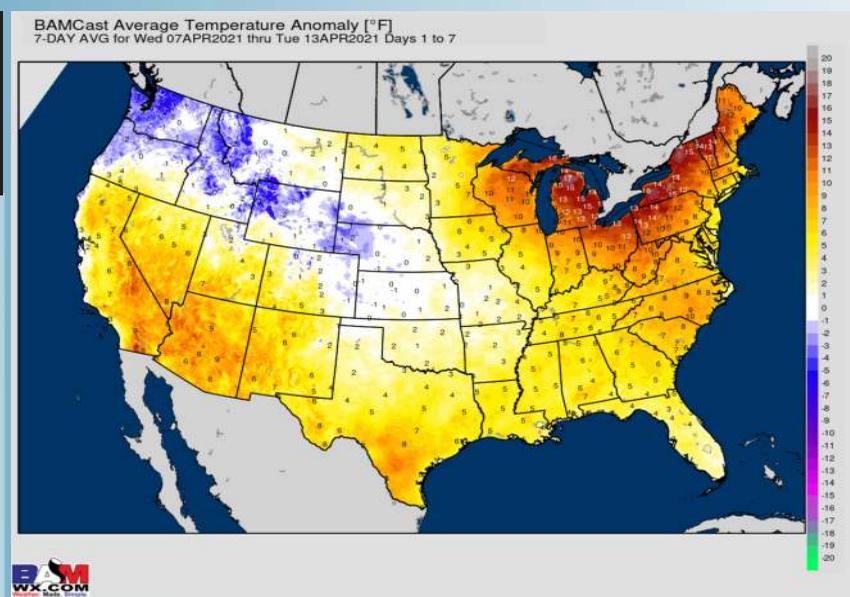
High Temperatures Saturday



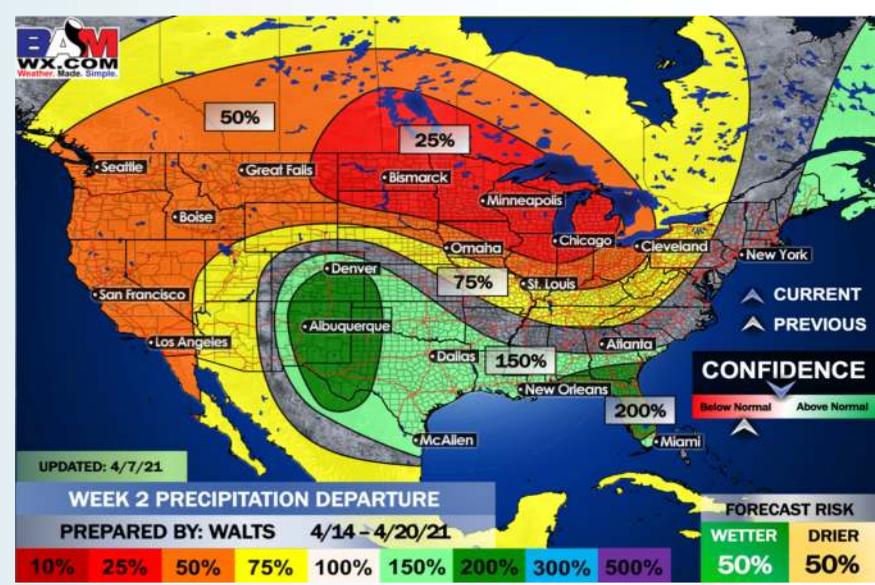
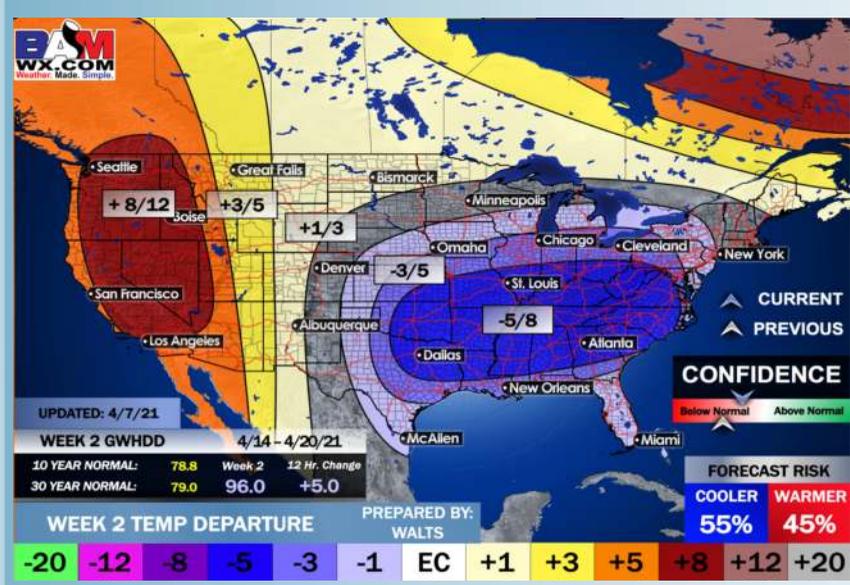
Long-Range Forecast Discussion

- **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

