

Updated: 5:30 AM CT Friday, January 22, 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

Friday, January 22, 2021

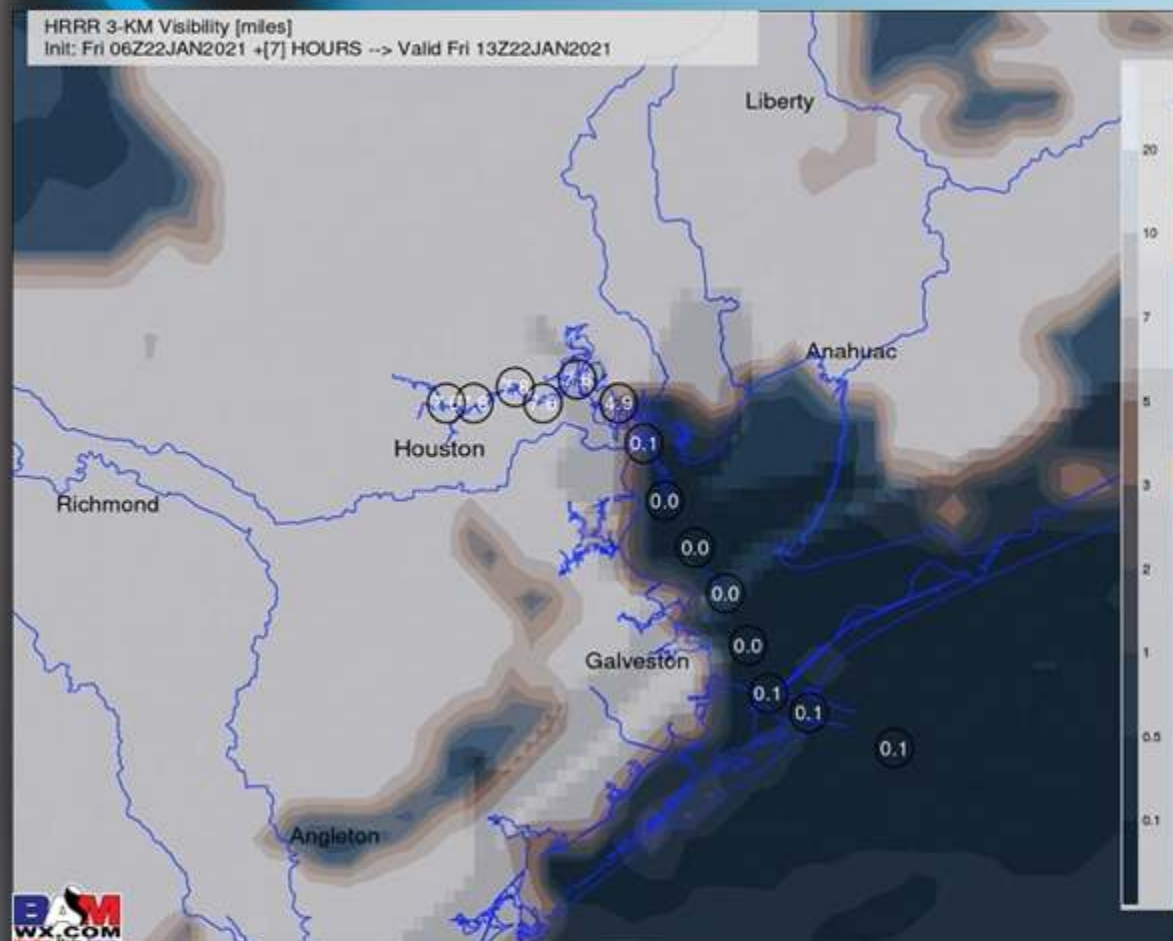
HOURLY VISIBILITY BREAKDOWN (in miles)

Time	01-22-2021 Fri 4am	01-22-2021 Fri 5am	01-22-2021 Fri 6am	01-22-2021 Fri 7am	01-22-2021 Fri 8am	01-22-2021 Fri 9am	01-22-2021 Fri 10am	01-22-2021 Fri 11am	01-22-2021 Fri 12pm	01-22-2021 Fri 1pm	01-22-2021 Fri 2pm	01-22-2021 Fri 3pm	01-22-2021 Fri 4pm	01-22-2021 Fri 5pm	01-22-2021 Fri 6pm	01-22-2021 Fri 7pm	01-22-2021 Fri 8pm	01-22-2021 Fri 9pm	01-22-2021 Fri 10pm	01-22-2021 Fri 11pm	01-23-2021 Sat 12am	01-23-2021 Sat 1am	01-23-2021 Sat 2am	01-23-2021 Sat 3am	01-23-2021 Sat 4am	01-23-2021 Sat 5am	01-23-2021 Sat 6am	01-23-2021 Sat 7am	01-23-2021 Sat 8am	01-23-2021 Sat 9am	01-23-2021 Sat 10am	01-23-2021 Sat 11am	01-23-2021 Sat 12pm	01-23-2021 Sat 1pm	01-23-2021 Sat 2pm	01-23-2021 Sat 3pm		
Houston Pilots A - 1 & 2 Bravo	3.95	2.91	2.52	1.11	0.48	0.48	0.72	0.48	0.48	1.11	0.48	0.72	0.48	0.72	0.48	0.48	0.26	0.47	0.30	1.39	5.25	5.25	5.25	8.00	8.00	8.00	8.00	8.03	8.03	8.03	8.00	8.00	8.00	8.00	8.00	6.96	7.00	
Houston Pilots B - 11/12	3.95	2.91	2.52	1.11	0.48	0.48	0.72	0.72	0.72	1.11	0.48	3.90	0.97	0.72	0.48	0.39	0.16	0.24	0.16	0.22	1.16	2.03	4.02	6.56	8.00	8.00	8.00	8.03	8.03	8.03	8.00	8.00	8.00	8.00	8.00	8.00	6.96	7.00
Houston Pilots C - 25/26	3.95	2.91	2.52	1.11	0.48	0.48	1.12	1.29	0.72	1.11	0.48	3.90	1.11	0.72	0.38	0.24	0.16	0.40	0.34	0.12	1.35	2.03	4.02	6.01	8.00	8.00	8.00	8.03	8.03	8.03	8.00	8.00	8.00	8.00	8.00	8.00	7.56	7.59
Houston Pilots D - 37/38	3.95	2.91	2.04	1.11	0.48	0.48	0.72	0.72	0.72	1.11	0.48	0.61	0.84	0.72	0.24	0.24	0.32	1.39	1.23	0.39	2.03	2.51	4.02	4.43	8.00	8.00	8.00	8.03	8.03	8.03	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.03
Houston Pilots E - 51/52	3.47	2.91	2.04	0.93	0.48	0.48	0.72	0.72	0.72	1.11	0.48	0.48	0.48	0.72	0.24	0.24	0.23	1.59	1.63	0.52	2.03	4.02	4.02	2.03	8.00	8.00	8.00	8.03	8.03	8.03	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.03
Houston Pilots F - 63/64	2.91	2.91	2.04	0.72	0.48	0.48	0.72	0.72	0.72	1.11	0.48	0.48	0.48	0.72	0.24	0.24	0.16	1.11	1.79	0.52	2.03	4.02	4.02	2.03	8.00	8.00	8.00	8.03	8.03	8.03	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.03
Houston Pilots G - 75/76	2.91	2.91	2.04	0.72	0.48	0.48	0.72	0.72	0.72	1.11	0.48	0.48	0.48	0.72	0.46	0.24	0.16	0.31	0.80	0.52	2.03	4.02	4.02	2.37	8.00	8.00	8.00	8.03	8.03	8.03	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.03
Houston Pilots H - Morgans Point	2.92	2.86	2.41	1.64	0.79	2.04	4.98	5.83	8.90	9.22	9.32	8.21	9.36	7.54	6.46	6.36	3.87	2.74	2.32	2.09	3.64	3.39	2.56	2.67	4.64	4.64	4.64	4.63	4.53	5.13	5.71	6.60	7.50	7.50	7.50	7.50	7.53	
Houston Pilots I - Exxon 3	2.91	3.95	3.95	3.90	2.94	3.90	6.92	8.99	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	7.95	6.17	4.93	3.94	2.91	1.16	0.76	0.76	0.52	0.52	0.52	0.48	0.24	1.59	2.91	4.90	6.89	7.92	7.92	7.95		
Houston Pilots J - Lynchburg Ferries	2.91	3.95	3.95	3.90	2.94	4.28	6.92	8.99	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	6.91	5.29	3.68	3.04	3.72	2.68	1.87	2.14	2.48	2.48	2.48	2.46	2.28	3.28	4.24	5.71	7.18	7.94	7.67	7.97		
Houston Pilots K - Shell Crude	2.91	3.95	3.95	3.67	2.94	4.93	6.92	8.99	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	7.95	6.92	4.93	3.94	2.91	1.16	0.76	0.76	0.52	0.52	0.52	0.48	0.24	1.59	3.15	4.90	6.89	7.92	7.92	7.95		
Houston Pilots L - Greens Bayou	2.91	3.95	3.95	3.31	2.94	4.93	6.92	8.99	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	7.95	6.92	4.93	3.94	2.91	1.16	0.76	0.76	0.52	0.52	0.52	0.48	0.24	1.59	3.67	4.90	7.09	8.14	7.92	8.16		
Houston Pilots M - Kinder 1	2.89	3.80	3.85	3.17	2.81	4.81	6.92	8.91	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	7.95	6.92	4.93	3.94	2.91	0.76	0.76	0.73	0.52	0.52	0.52	0.48	0.24	1.59	3.94	5.02	8.05	9.15	9.72	8.99		
Houston Pilots N - 610 Bridge	2.88	3.23	3.88	2.59	2.33	4.28	6.92	8.96	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	7.95	6.92	4.93	3.94	2.91	0.76	0.76	0.61	0.52	0.52	0.52	0.48	0.24	1.59	3.94	5.55	8.62	9.68	9.68	8.99		

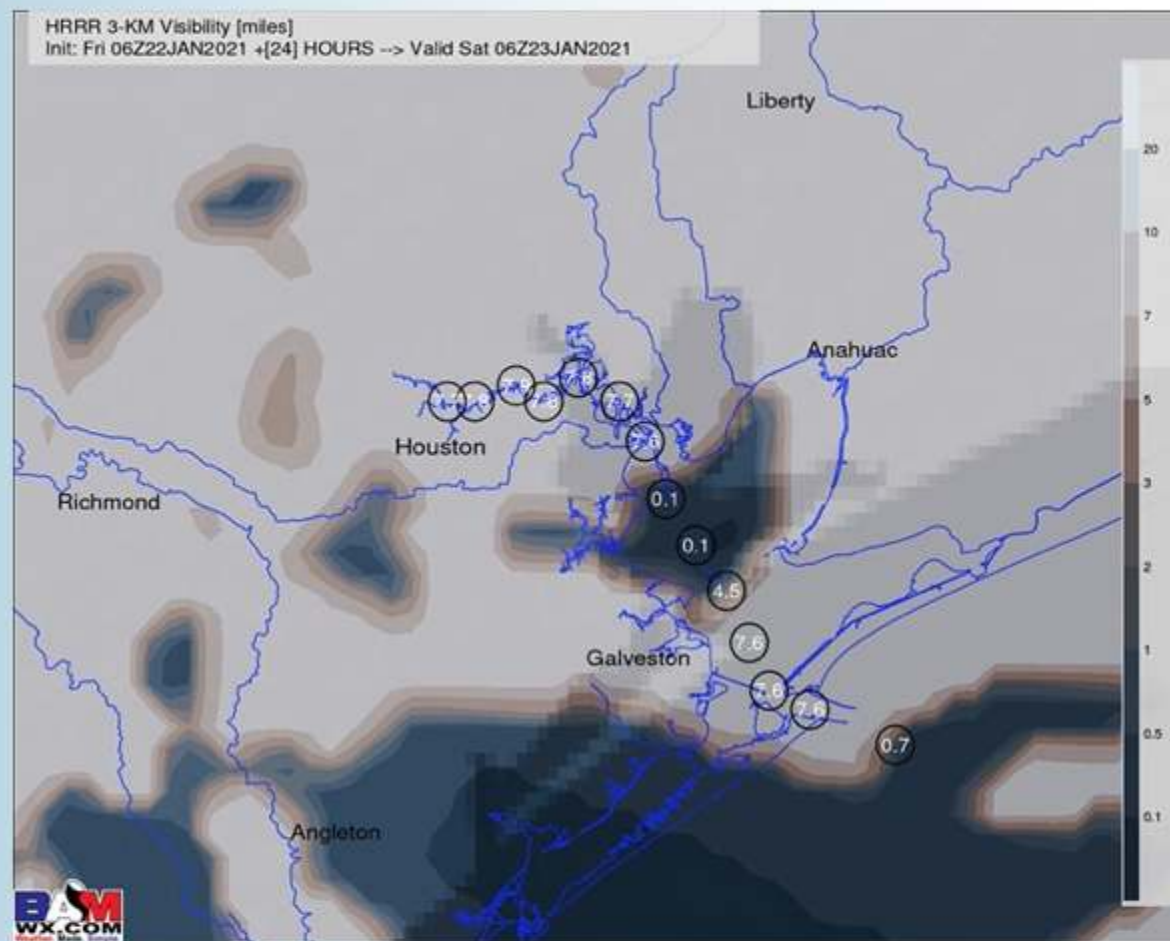
Fog Report

Friday, January 22, 2021

VISIBILITY (8 AM FRI)



VISIBILITY (10 PM CT FRI)



CONFIDENCE

Below
Normal

Above
Normal

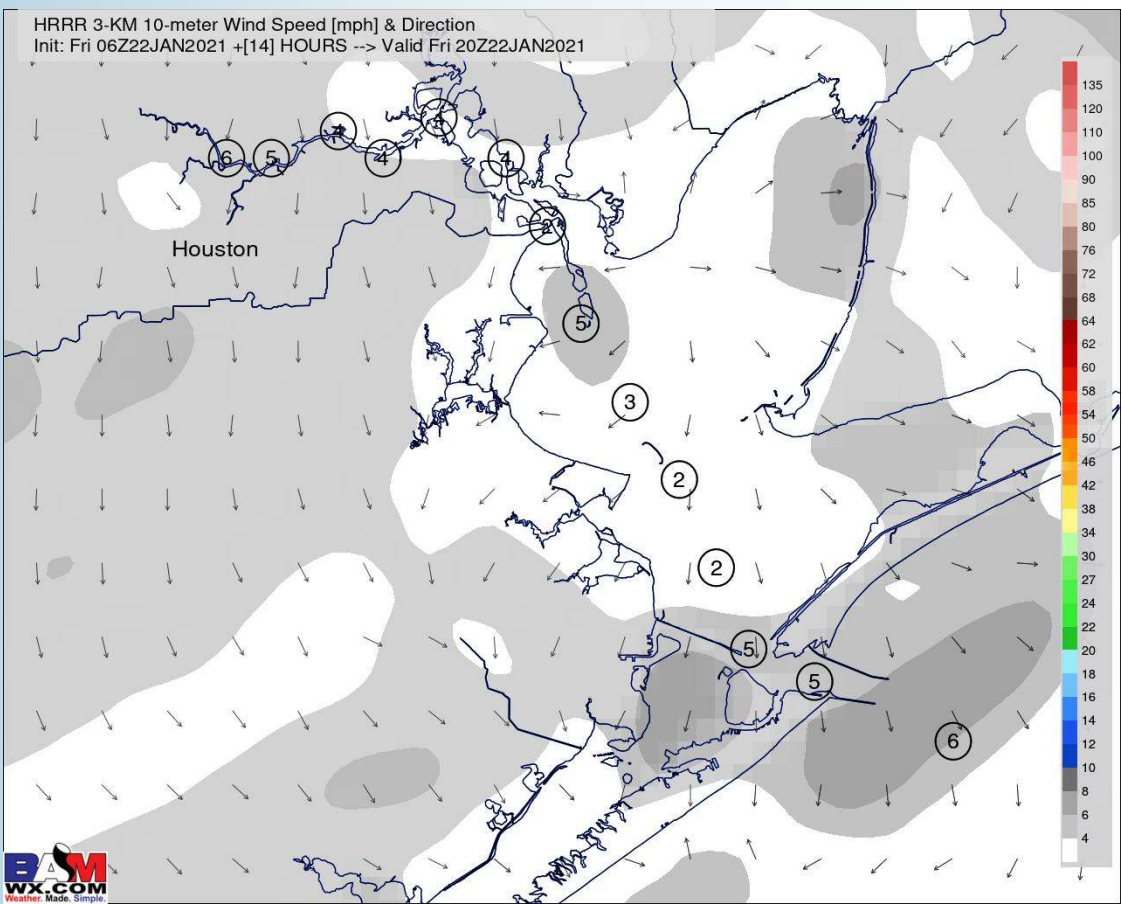
- Confidence continues to be higher than normal for our reduced visibility (fog/mist/light showers) to linger around the area in an on/off fashion into the weekend, however we have really seen guidance struggle with exact timing on when fog lifts/breaks. With that said, we are currently in favor of reduced visibility gradually increasing for the boarding stations as we go throughout the morning hours before potential improvement in visibility as we get into the early afternoon hours with the passing of a weaker boundary. Currently favoring visibility to decrease as we work more into the morning hours before the ~11 AM- 1 PM timeframe when we see that weak boundary pass through the area that will shift our winds to the North and provide a bit less favorable set up for fog.
- If the wind shift is weaker than expected, areas south of the Exxon station run the risk of holding on to reduced visibility into the afternoon/evening as a low cloud deck/ fog will be possible. Regardless of the effects of the boundary, the threat for fog/reduced visibility for areas S of Exxon look to gradually weaken heading into the overnight (~9-11 PM and beyond) as winds have more of a northeasterly direction and are a bit stronger.)

Short-Term Forecast Discussion

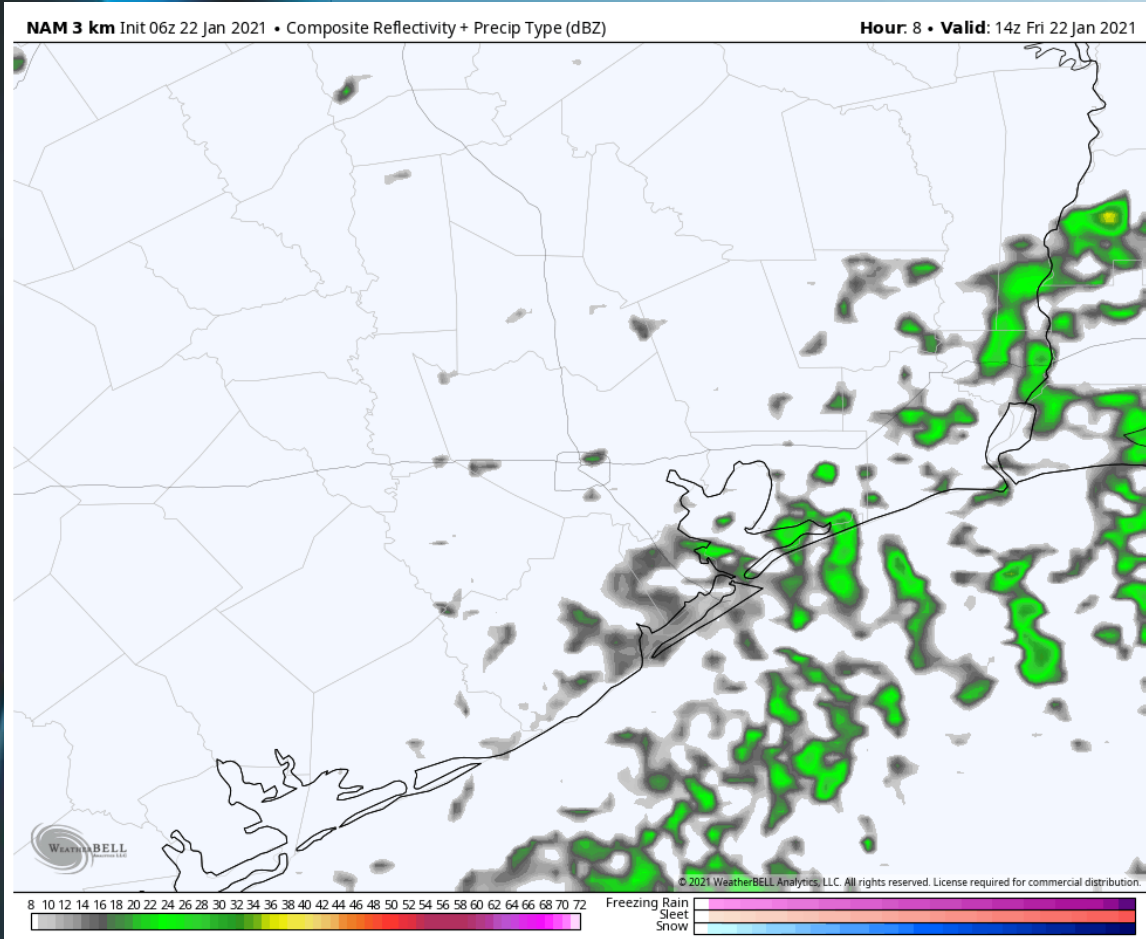
- A front moving through this morning will bring light rain showers and will move out around the 10-11AM timeframe with isolated sprinkles possible through the rest of the day.
- Sustained winds will be out of the SW ~3-8 MPH for all stations slowly shifting N into the noon timeframe. Into the afternoon and evening winds will shift E/NE around 7-9PM with wind speeds at 8-13 MPH south of Morgan's Point.
- High temperatures will be in the mid 60s.
- **Check slide above for fog info. Potential increase in visibility into the afternoon.**

Friday, January 22nd, 2021

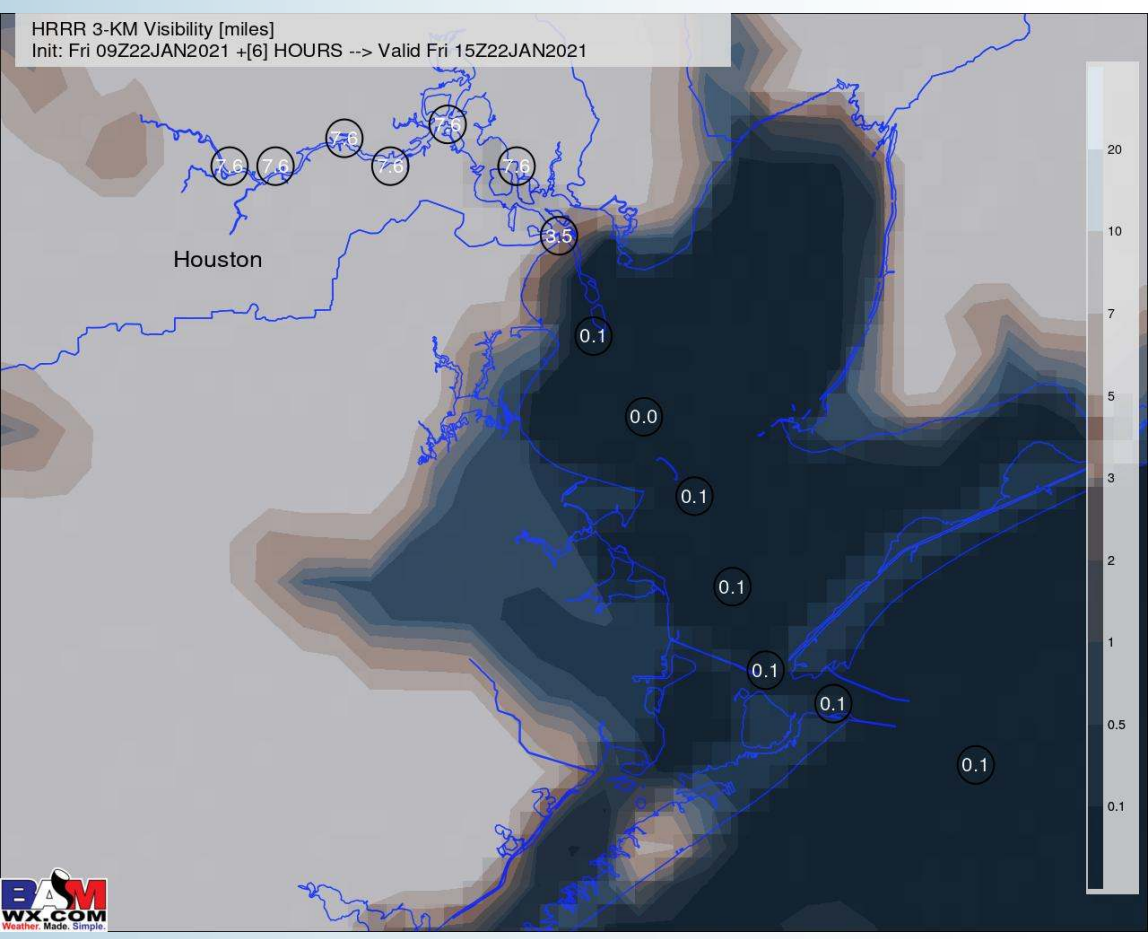
Sustained Winds (2 PM CT)



Simulated Radar Snapshot (8 AM CT)



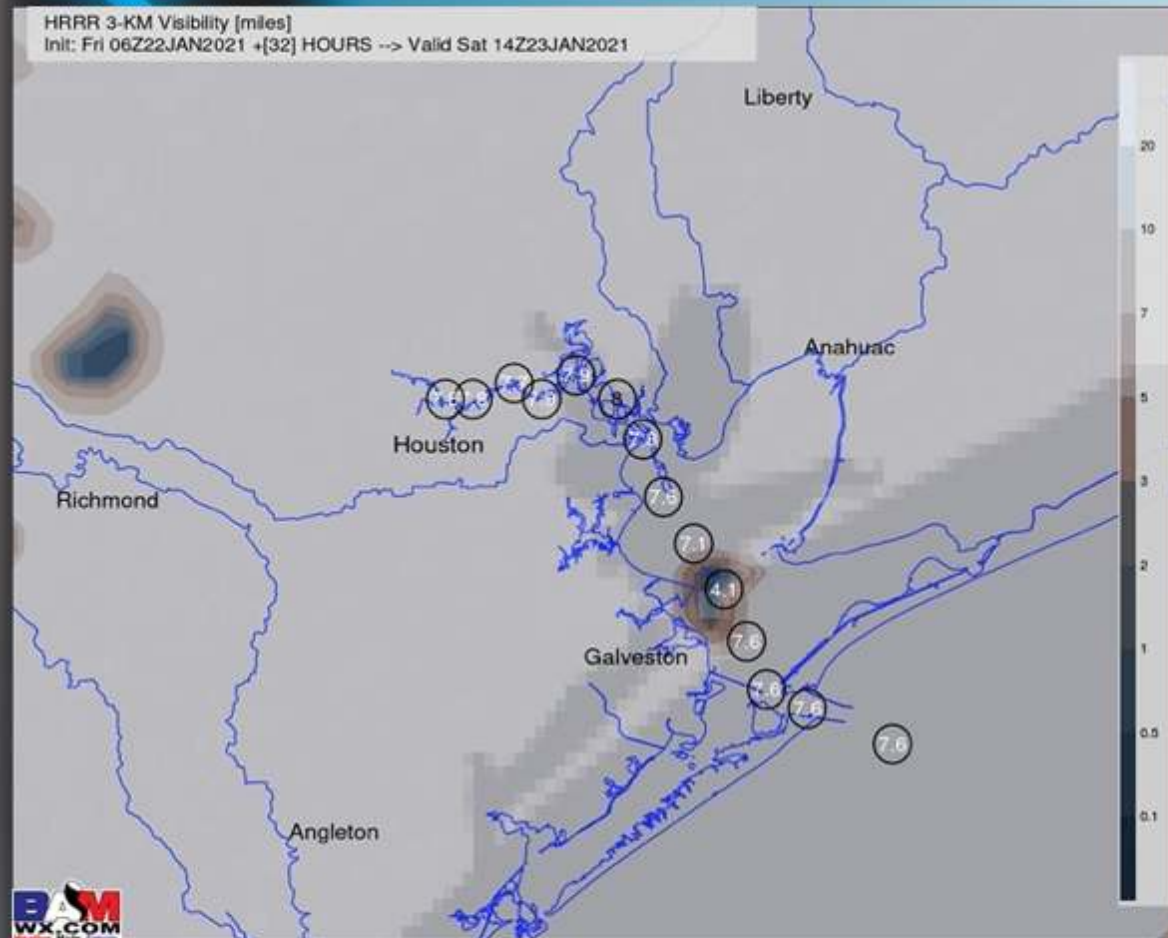
Visibility (9 AM CT)



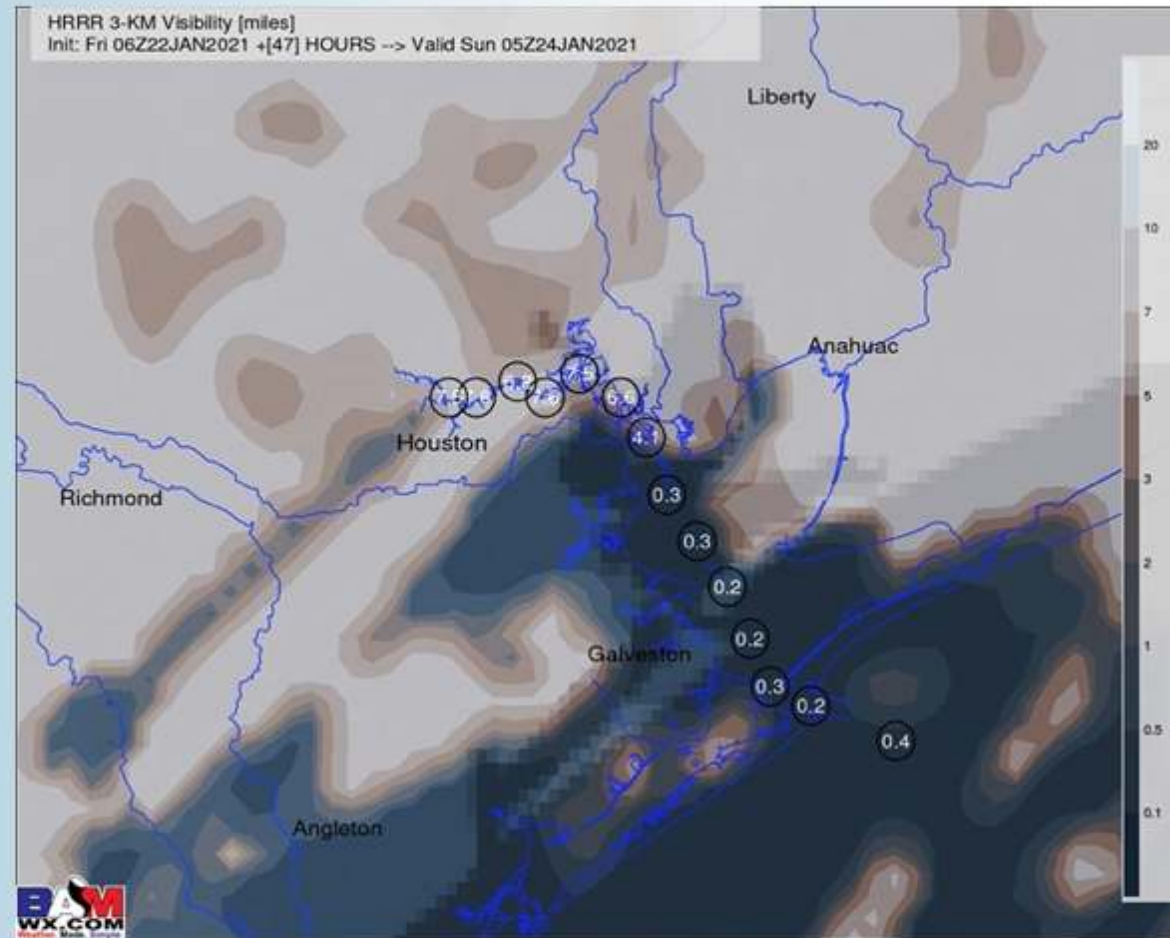
Fog Report

Saturday, January 23, 2021

VISIBILITY (8 AM SAT)



VISIBILITY (11 PM SAT)



CONFIDENCE

Below
Normal

Above
Normal

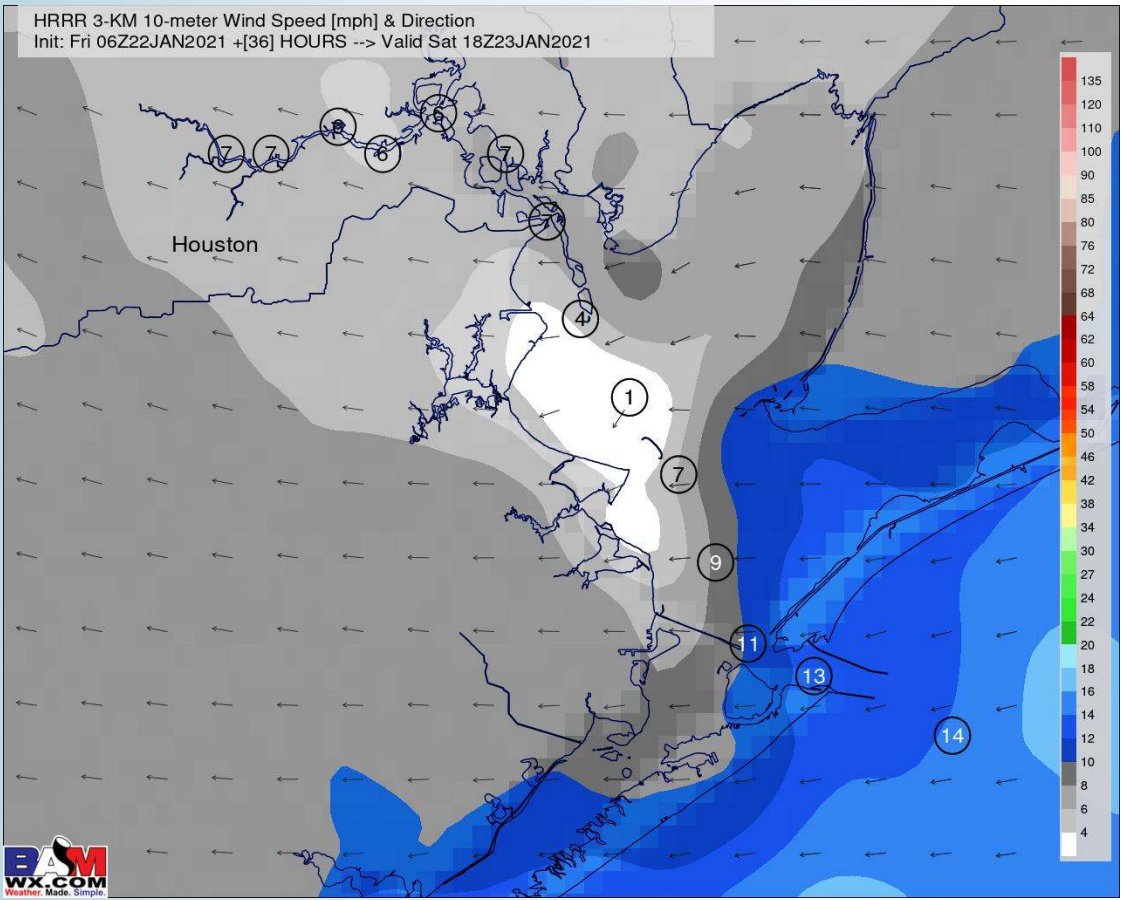
- For areas North of Morgan's Point, while reduced visibility is possible starting around 12-1 AM and lasting out through the early morning hours (8-9 AM) in a patchy nature, atmospheric profiles are not as supportive of this even though reduced visibility is being output. This time period will need to be watched closely and will be updated in our afternoon report. Currently not favoring fog for this window, however as mentioned above it is still a risk to monitor
- Confidence does increase however for the pattern into the daytime hours Saturday. A northeast wind of 8-13 with gusts 13-18 MPH for the boarding station likely keeps the fog threat diminished throughout the day before the fog threat will return again around the ~11 PM timeframe Sat night into Sunday morning. Fog/ reduced visibility will be favored in a patchy nature for that time period for all boarding stations the way things currently look

Short-Term Forecast Discussion

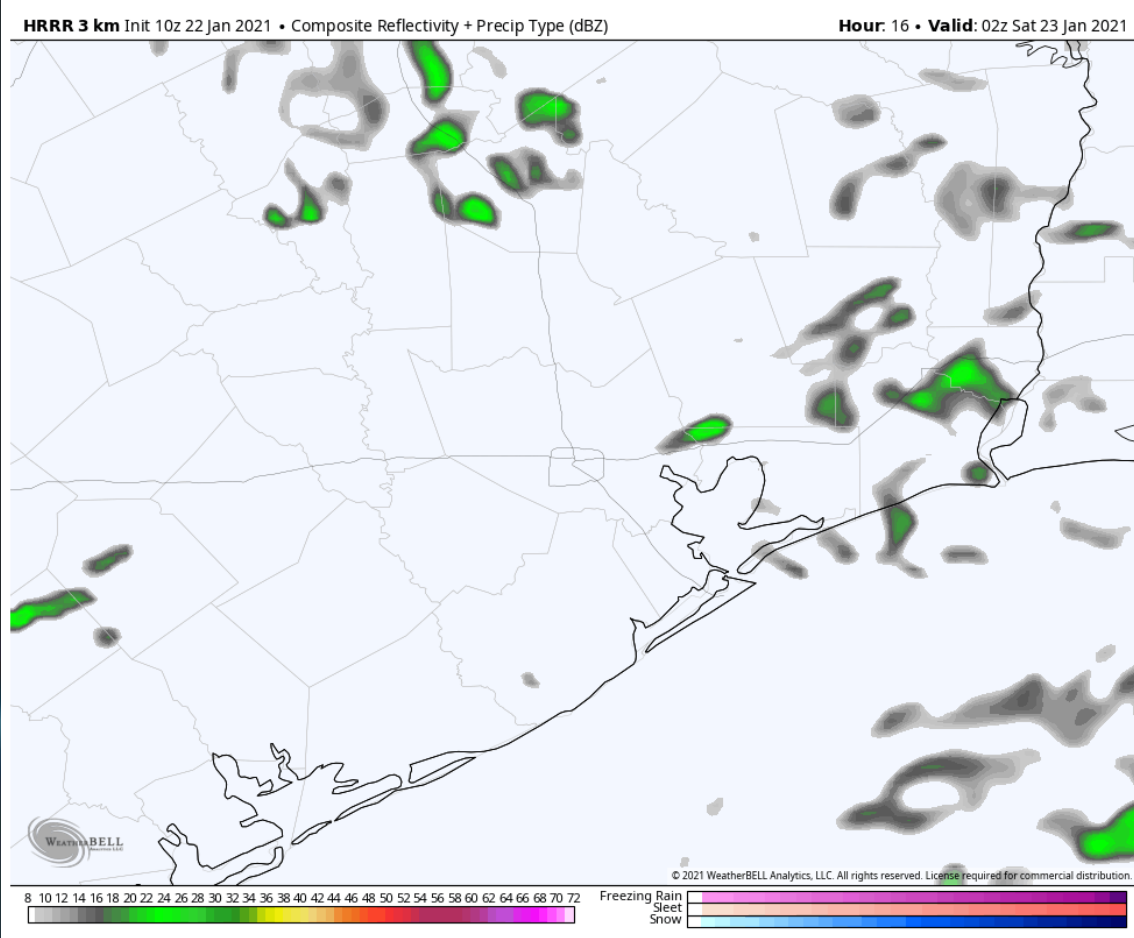
- Saturday will have some isolated sprinkles/ mist throughout the day. A rumble of thunder cannot be ruled out ~8-11PM timeframe.
- Winds will be out of the E/NE with Morgan's Point and points south sustained at 10-15 MPH and gust of 15-20 MPH while points north will be at 5-10 MPH. Around 10AM-12 PM winds will shift E. Around 10-11 PM winds will shift SE.
- High temperature will be in the low 60s
 - Check slide above for fog info

Saturday, January 23rd, 2021

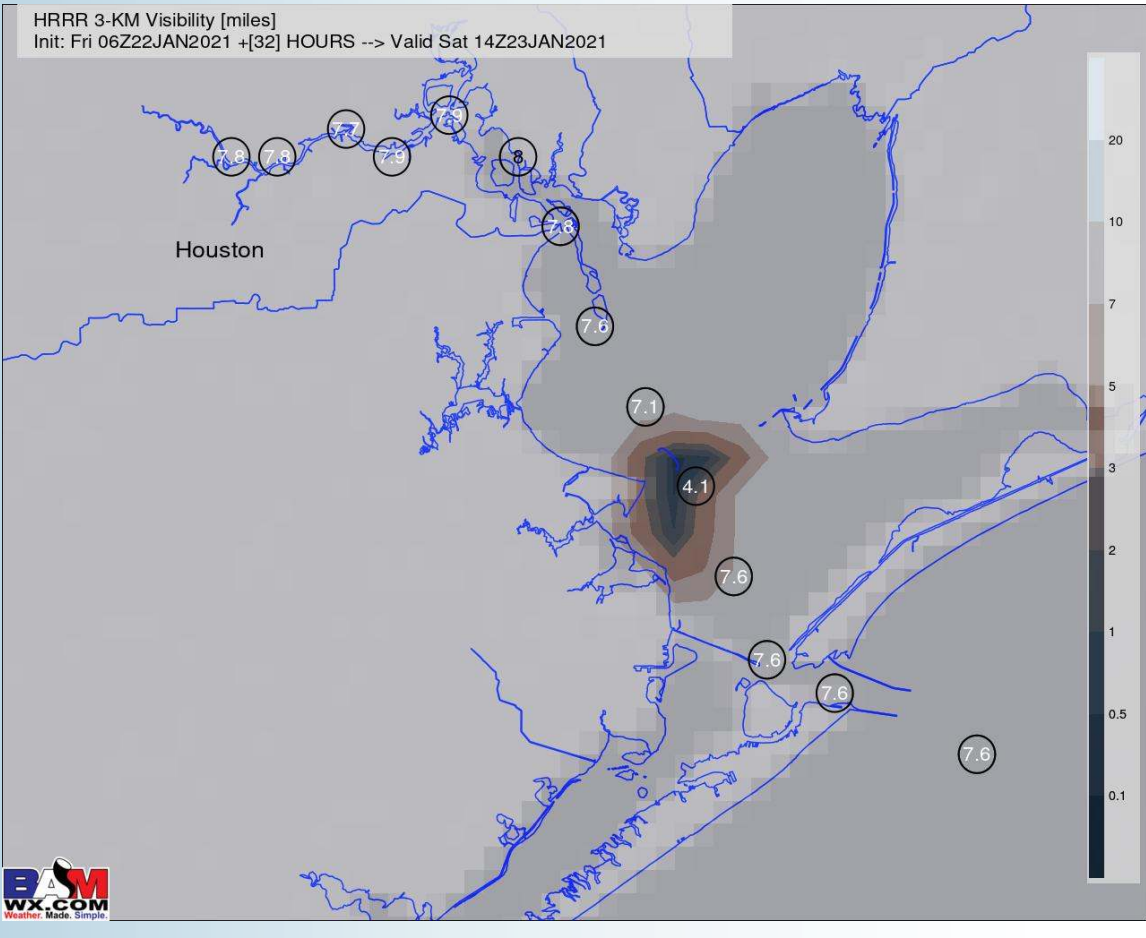
Sustained Winds (12 PM CT)



Simulated Radar Snapshot (8 PM CT)



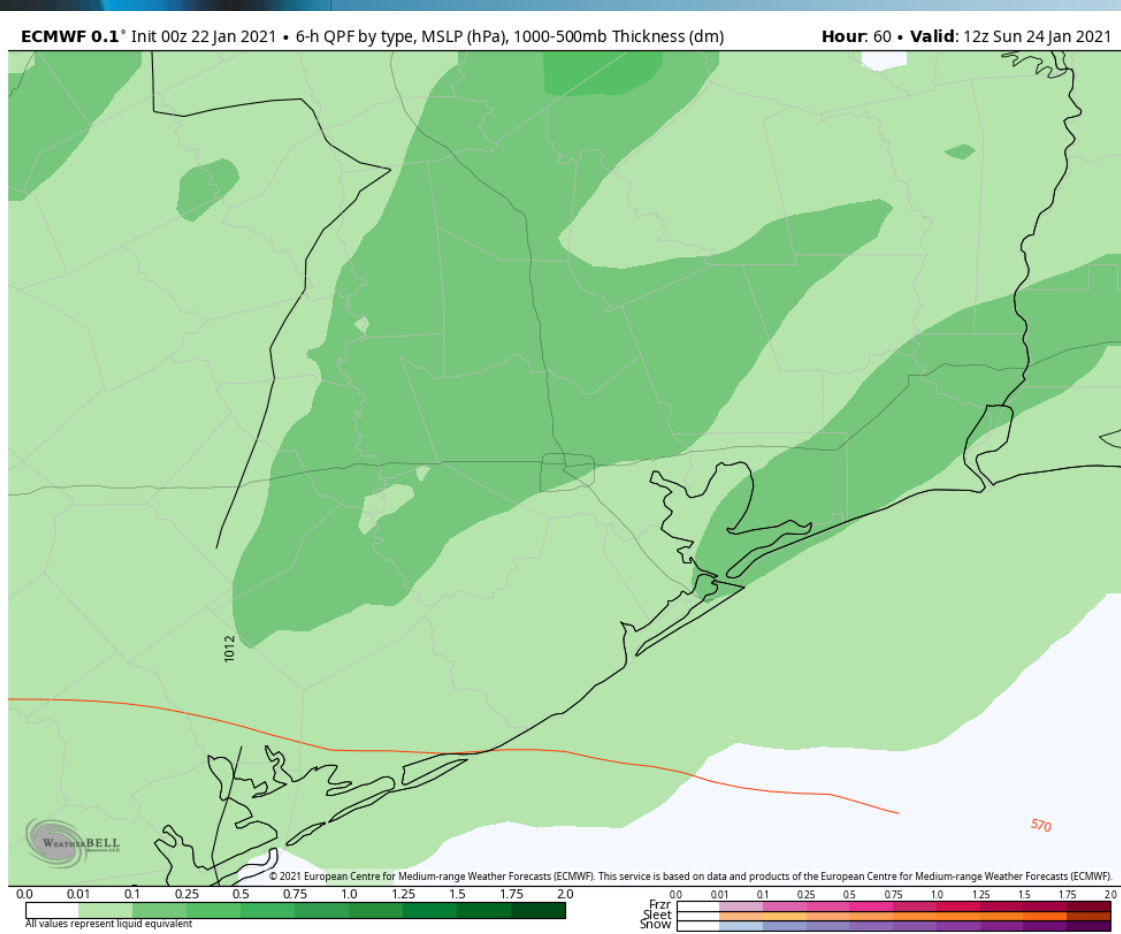
Visibility (8 AM CT)



Short-Term Forecast Discussion

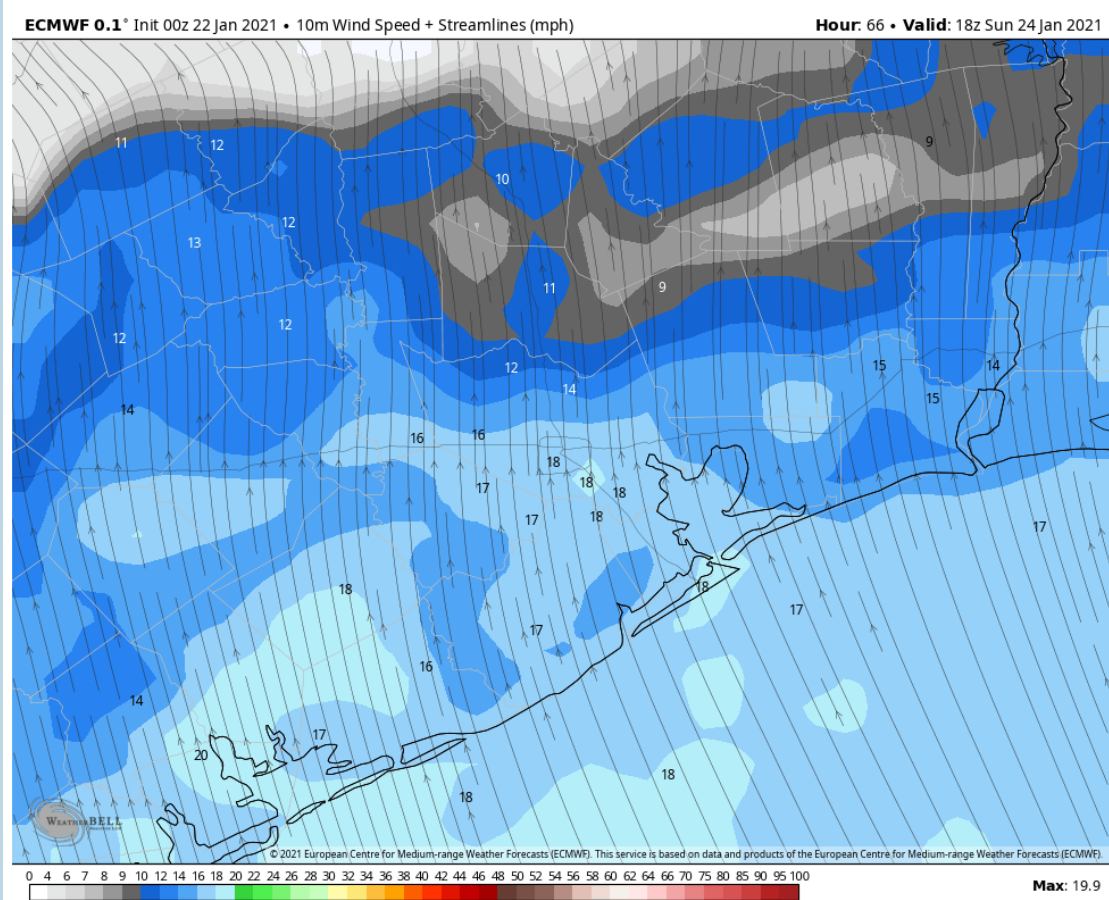
- Sunday scattered showers/mist will likely persist due to fog and a potential isolated t-storm could be possible with the highest likelihood ~6-11PM
- Sunday winds will be SE at 5-10 MPH north of Morgan's Point and 10-15 MPH to the south. ~6-9 AM winds will shift S. Winds will increase to 15-20 MPH ~10AM-12PM. Gusts will be ~20-25 MPH throughout the day.
- High temperatures Sunday will be in the mid 60s.
- We are looking at fog continuing to persist into SUN AM. We will fine tune as we get closer

Simulated Radar Snapshot (6 AM CT)

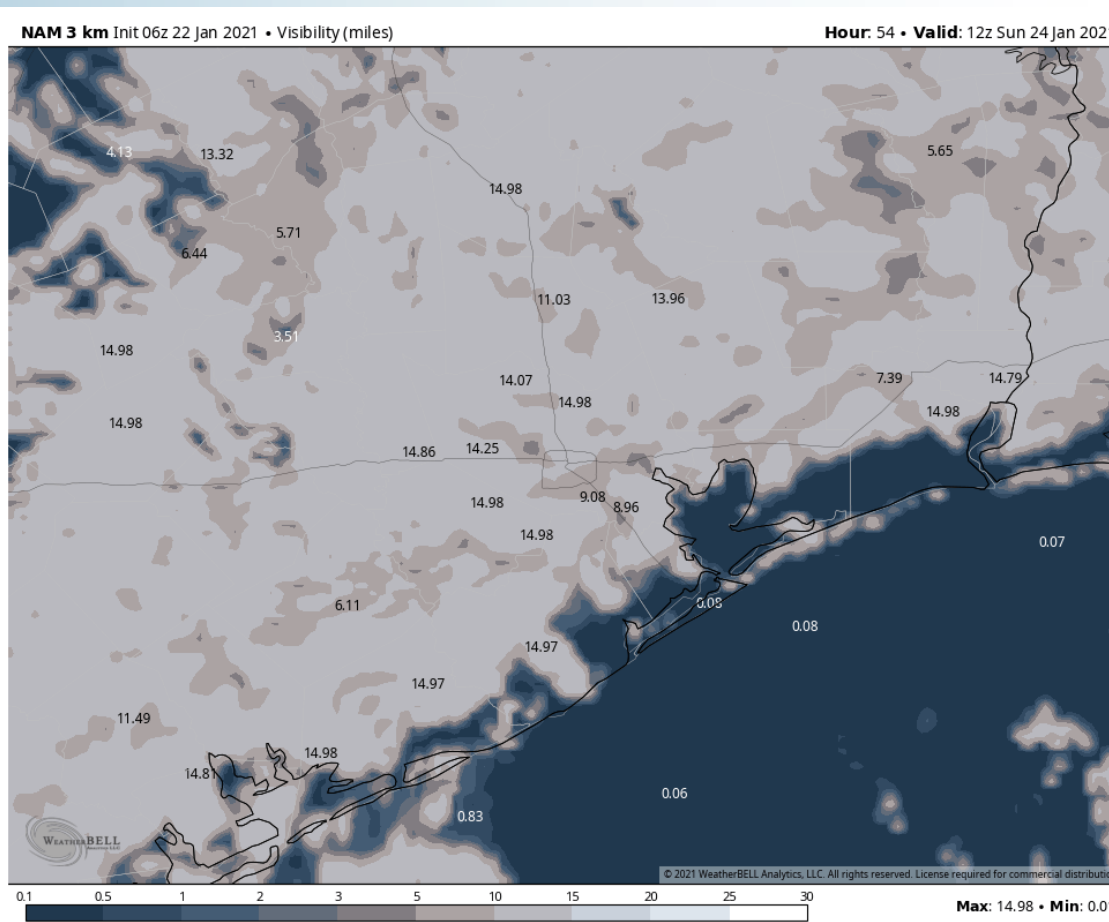


Sunday, January 24th, 2021

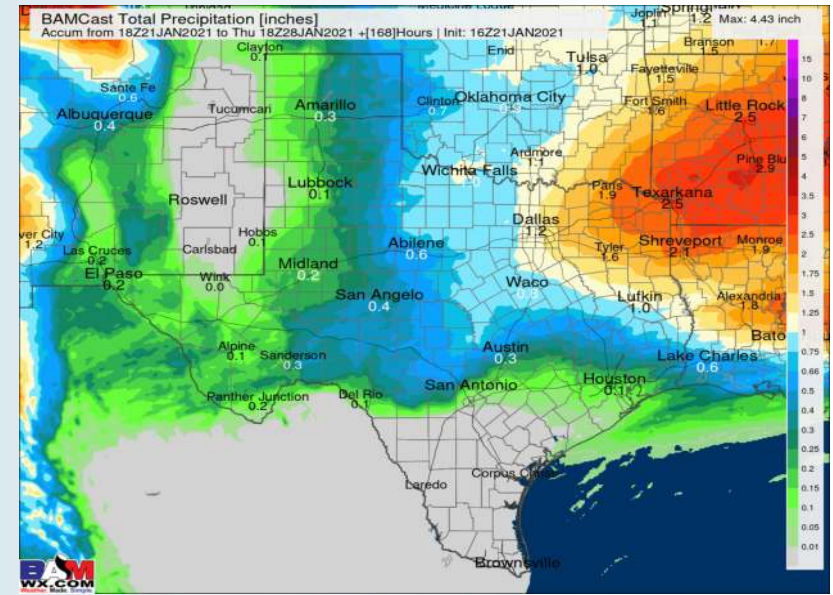
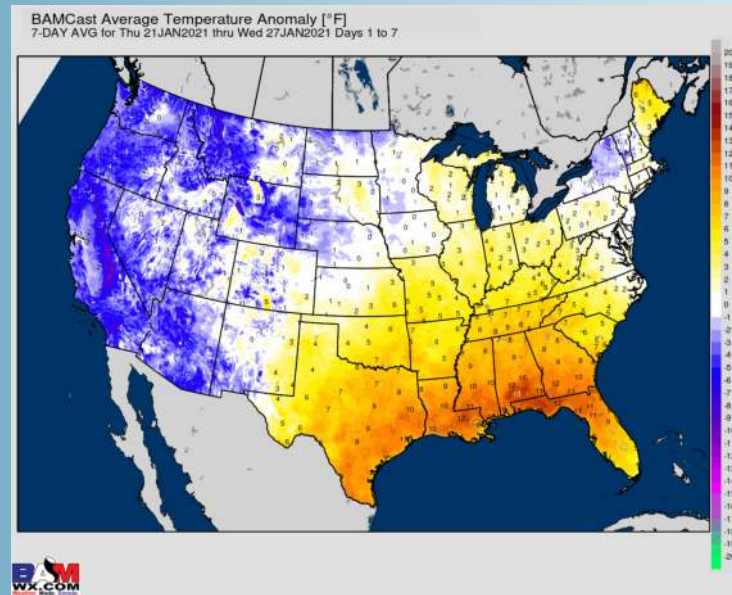
Sustained Winds (12 PM CT)



Visibility (9 AM CT)



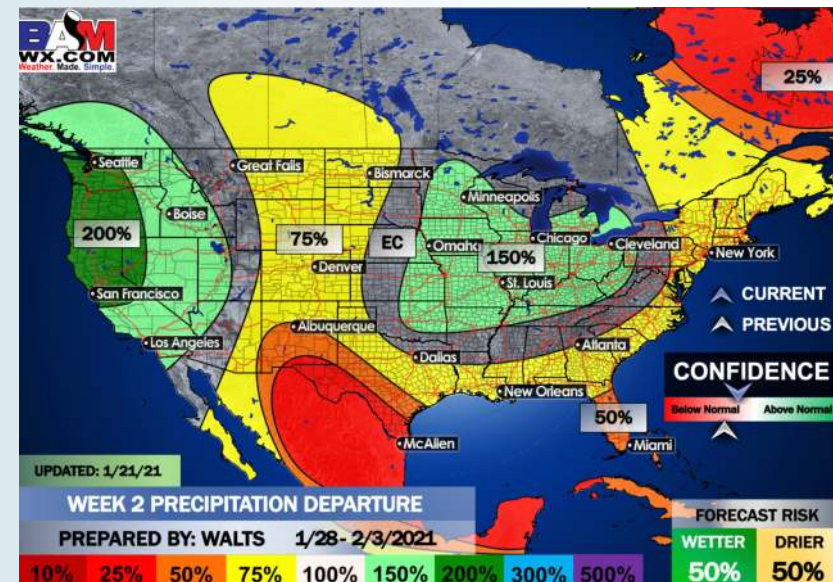
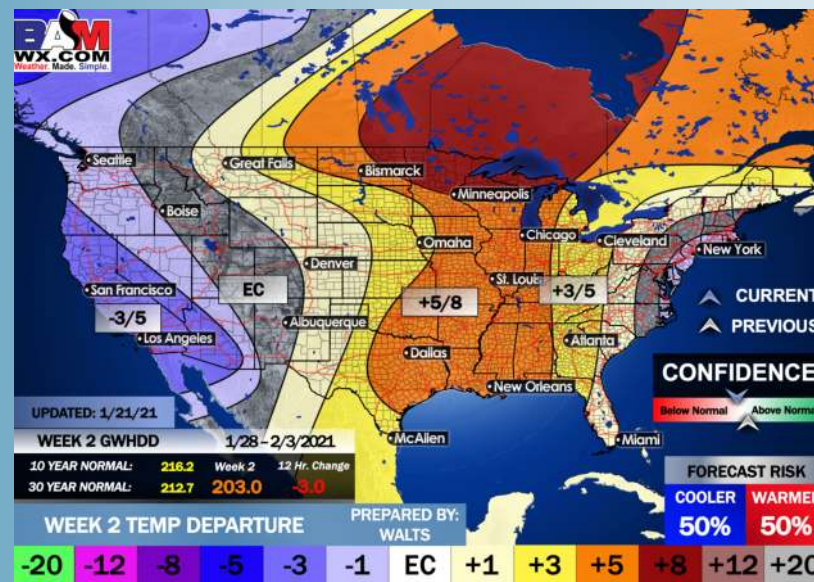
Week 1 Forecast



Long-Range Forecast Discussion

- Above normal temperatures in the wake of last weekend's low pressure system are anticipated for most of the week. Mostly dry conditions are anticipated this week with chances on FRI and SAT.
- Our latest favored week 2 guidance features the Houston area at above normal temps and below normal precipitation.
- Our latest weeks ³/₄ outlooks feature the Houston area with above normal temperatures and below normal precipitation.

Week 2 Forecast



Weeks 3/4 Forecast

