

Updated: 3:00 PM CT Saturday, January 23, 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

Saturday, January 23, 2021

HOURLY VISIBILITY BREAKDOWN (in miles)

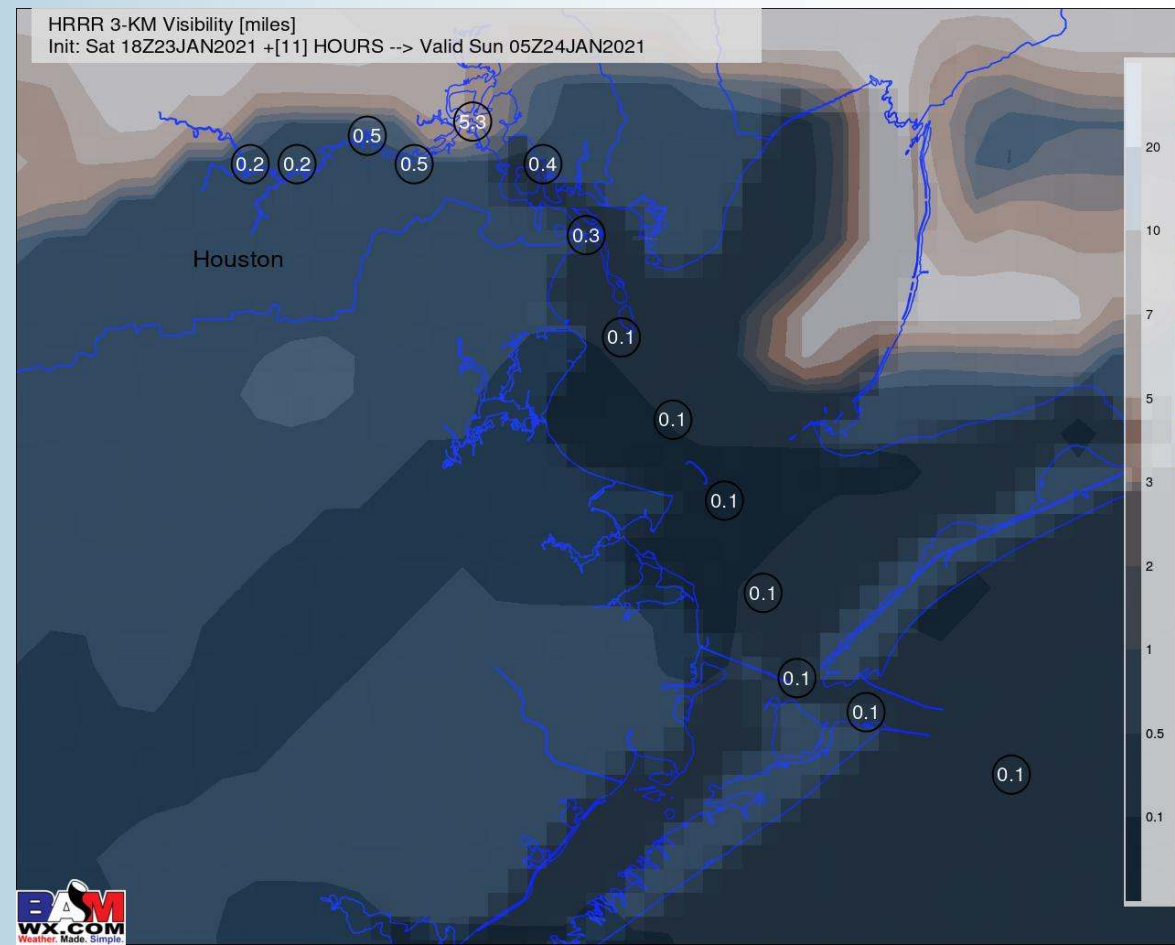
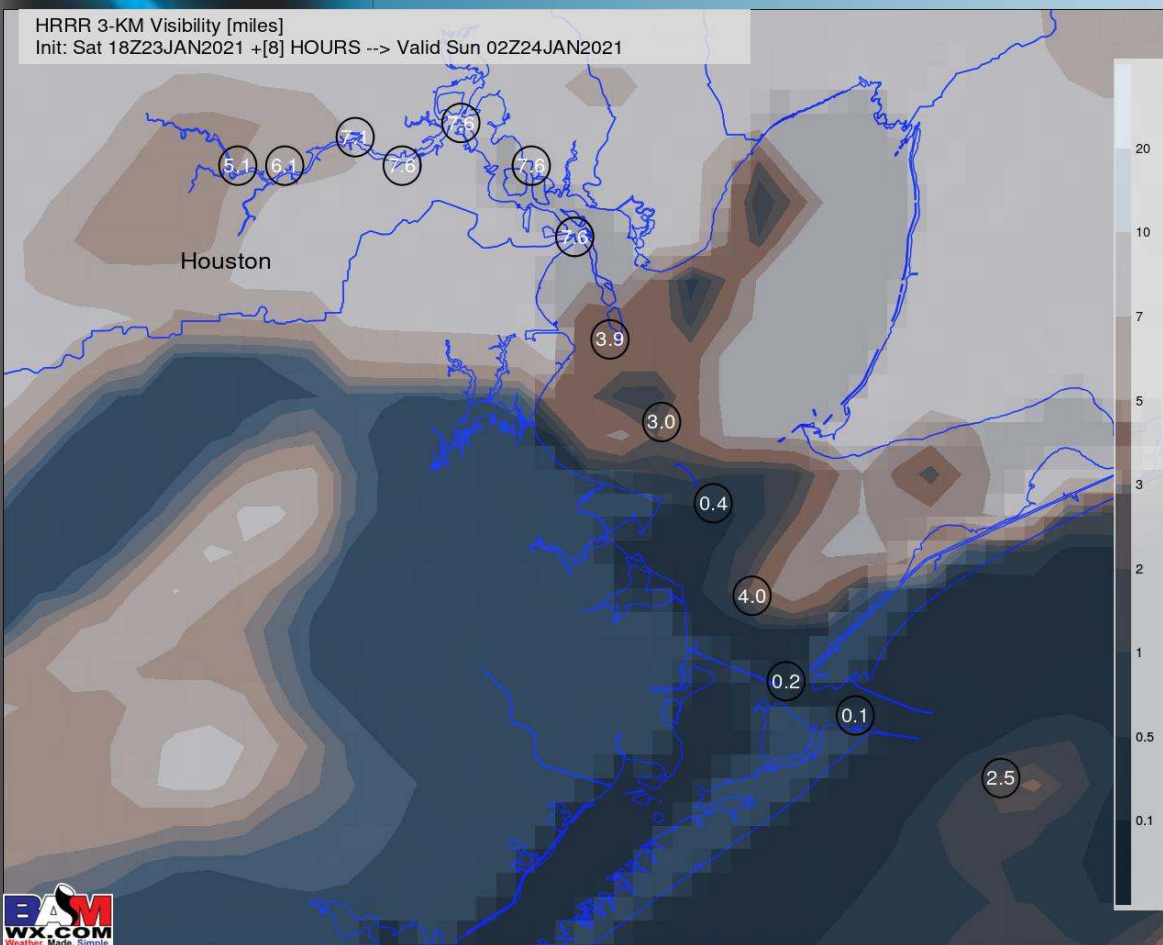
| Time | 01-23-2021 Sat 1pm | 01-23-2021 Sat 2pm | 01-23-2021 Sat 3pm | 01-23-2021 Sat 4pm | 01-23-2021 Sat 5pm | 01-23-2021 Sat 6pm | 01-23-2021 Sat 7pm | 01-23-2021 Sat 8pm | 01-23-2021 Sat 9pm | 01-23-2021 Sat 10pm | 01-23-2021 Sat 11pm | 01-24-2021 Sun 12am | 01-24-2021 Sun 1am | 01-24-2021 Sun 2am | 01-24-2021 Sun 3am | 01-24-2021 Sun 4am | 01-24-2021 Sun 5am | 01-24-2021 Sun 6am | 01-24-2021 Sun 7am | 01-24-2021 Sun 8am | 01-24-2021 Sun 9am | 01-24-2021 Sun 10am | 01-24-2021 Sun 11am | 01-24-2021 Sun 12pm | 01-24-2021 Sun 1pm | 01-24-2021 Sun 2pm | 01-24-2021 Sun 3pm | 01-24-2021 Sun 4pm | 01-24-2021 Sun 5pm | 01-24-2021 Sun 6pm | 01-24-2021 Sun 7pm | 01-24-2021 Sun 8pm | 01-24-2021 Sun 9pm | 01-24-2021 Sun 10pm | 01-24-2021 Sun 11pm | 01-25-2021 Mon 12am | |
|--------------------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|------------------------|------------------------|------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|------------------------|------------------------|------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|------------------------|------------------------|------------------------|------|
| Houston Pilots A - 1 & 2 Bravo | 2.94 | 2.47 | 1.11 | 0.53 | 0.60 | 0.48 | 0.56 | 0.48 | 1.11 | 0.48 | 0.24 | 0.24 | 0.24 | 0.24 | 0.24 | 0.29 | 0.12 | 0.12 | 0.12 | 0.12 | 0.12 | 0.12 | 0.12 | 0.12 | 1.64 | 7.62 | 8.00 | 8.00 | 8.00 | 6.96 | 5.01 | 4.98 | 1.16 | 0.12 | 0.12 | 4.47 | 4.47 |
| Houston Pilots B - 11/12 | 3.90 | 3.90 | 4.93 | 2.04 | 0.72 | 0.48 | 0.72 | 0.48 | 0.48 | 0.48 | 0.24 | 0.24 | 0.24 | 0.24 | 0.24 | 0.29 | 0.12 | 0.12 | 0.12 | 0.12 | 0.12 | 0.12 | 0.12 | 0.12 | 1.64 | 6.60 | 8.00 | 8.00 | 8.00 | 6.96 | 5.01 | 4.98 | 1.81 | 0.12 | 0.12 | 2.17 | 2.51 |
| Houston Pilots C - 25/26 | 3.90 | 3.90 | 4.93 | 2.26 | 0.94 | 0.48 | 0.72 | 0.48 | 0.48 | 0.48 | 0.24 | 0.24 | 0.24 | 0.24 | 0.24 | 0.29 | 0.12 | 0.12 | 0.12 | 0.12 | 0.12 | 0.12 | 0.12 | 1.02 | 1.64 | 6.01 | 8.00 | 8.00 | 8.00 | 6.96 | 5.97 | 5.29 | 2.96 | 1.02 | 1.30 | 2.39 | 2.96 |
| Houston Pilots D - 37/38 | 3.90 | 3.90 | 4.93 | 4.90 | 1.99 | 0.48 | 0.72 | 0.48 | 0.48 | 0.48 | 0.24 | 0.24 | 0.48 | 0.24 | 0.24 | 0.29 | 0.36 | 0.12 | 0.12 | 0.12 | 0.12 | 0.12 | 0.12 | 1.57 | 2.30 | 4.98 | 8.00 | 8.00 | 8.00 | 7.55 | 6.21 | 6.01 | 4.57 | 1.73 | 1.84 | 2.51 | 4.02 |
| Houston Pilots E - 51/52 | 3.90 | 3.90 | 4.93 | 4.90 | 1.99 | 0.65 | 0.72 | 0.48 | 0.48 | 0.48 | 0.24 | 0.48 | 0.48 | 0.24 | 0.24 | 0.29 | 0.27 | 0.12 | 0.12 | 0.12 | 0.12 | 0.12 | 0.12 | 1.90 | 4.13 | 4.98 | 8.00 | 9.03 | 8.00 | 8.00 | 8.03 | 6.12 | 6.12 | 2.06 | 2.51 | 4.02 | 4.13 |
| Houston Pilots F - 63/64 | 3.90 | 3.90 | 4.93 | 4.90 | 1.99 | 1.11 | 0.72 | 0.48 | 0.48 | 0.48 | 0.24 | 0.48 | 0.48 | 0.24 | 0.24 | 0.29 | 0.12 | 0.12 | 0.12 | 0.12 | 0.12 | 0.12 | 0.16 | 1.65 | 5.03 | 5.03 | 8.00 | 9.03 | 8.05 | 8.00 | 8.03 | 6.96 | 6.96 | 2.03 | 2.51 | 4.02 | 5.52 |
| Houston Pilots G - 75/76 | 3.90 | 3.90 | 4.93 | 4.90 | 1.99 | 1.99 | 0.72 | 0.48 | 0.48 | 0.48 | 0.24 | 0.48 | 0.48 | 0.24 | 0.24 | 0.29 | 0.12 | 0.12 | 0.12 | 0.12 | 0.12 | 0.12 | 1.56 | 1.81 | 6.89 | 6.01 | 8.95 | 9.03 | 9.03 | 8.00 | 8.03 | 6.96 | 6.96 | 2.03 | 2.51 | 4.02 | 6.93 |
| Houston Pilots H - Morgans Point | 3.90 | 3.90 | 4.93 | 4.90 | 3.90 | 2.54 | 3.16 | 1.44 | 1.78 | 0.48 | 0.74 | 0.27 | 0.27 | 0.27 | 0.24 | 0.32 | 0.20 | 0.20 | 0.20 | 0.20 | 0.41 | 2.92 | 3.66 | 7.07 | 6.97 | 8.07 | 8.07 | 8.07 | 8.07 | 8.07 | 7.07 | 6.60 | 6.17 | 3.52 | 3.20 | 3.34 | 5.53 |
| Houston Pilots I - Exxon 3 | 3.90 | 3.90 | 4.93 | 4.90 | 3.90 | 2.94 | 3.90 | 3.90 | 3.90 | 1.84 | 1.59 | 0.24 | 0.24 | 0.24 | 0.24 | 0.29 | 0.28 | 0.28 | 0.28 | 0.28 | 0.76 | 2.51 | 3.94 | 5.93 | 6.78 | 6.89 | 6.89 | 6.89 | 6.89 | 6.89 | 6.52 | 4.90 | 4.90 | 2.91 | 2.91 | 2.51 | 2.51 |
| Houston Pilots J - Lynchburg Ferries | 3.90 | 3.90 | 5.53 | 4.90 | 3.90 | 3.90 | 3.90 | 3.90 | 3.90 | 3.40 | 1.59 | 0.24 | 0.24 | 0.24 | 0.24 | 0.29 | 0.24 | 0.24 | 0.24 | 0.24 | 0.59 | 2.39 | 4.49 | 6.47 | 7.45 | 7.45 | 7.45 | 7.45 | 7.45 | 7.45 | 7.21 | 5.71 | 5.71 | 3.72 | 3.72 | 3.43 | 3.95 |
| Houston Pilots K - Shell Crude | 3.90 | 4.14 | 4.93 | 4.90 | 4.14 | 3.90 | 3.90 | 3.90 | 3.90 | 2.58 | 1.41 | 0.24 | 0.24 | 0.24 | 0.24 | 0.29 | 0.38 | 0.38 | 0.28 | 0.28 | 1.16 | 2.51 | 3.94 | 5.93 | 6.89 | 6.89 | 6.89 | 6.89 | 6.89 | 6.89 | 6.92 | 5.54 | 4.90 | 3.94 | 2.91 | 2.51 | 2.51 |
| Houston Pilots L - Greens Bayou | 3.90 | 4.54 | 4.93 | 4.90 | 4.54 | 3.90 | 3.90 | 3.90 | 3.90 | 2.69 | 1.11 | 0.24 | 0.24 | 0.24 | 0.24 | 0.29 | 0.37 | 0.37 | 0.28 | 0.28 | 1.16 | 2.51 | 3.94 | 5.93 | 6.89 | 6.89 | 6.89 | 6.89 | 6.89 | 6.89 | 6.92 | 5.66 | 4.90 | 3.94 | 2.91 | 2.51 | 2.51 |
| Houston Pilots M - Kinder 1 | 4.93 | 4.93 | 4.93 | 4.90 | 4.93 | 4.54 | 3.90 | 3.90 | 3.90 | 2.94 | 1.11 | 0.24 | 0.24 | 0.24 | 0.24 | 0.29 | 0.36 | 0.36 | 0.28 | 0.28 | 1.16 | 2.51 | 3.94 | 5.93 | 6.89 | 6.89 | 7.00 | 6.89 | 6.89 | 6.92 | 5.93 | 4.90 | 3.94 | 2.91 | 2.51 | 2.51 | |
| Houston Pilots N - 610 Bridge | 4.93 | 4.93 | 4.98 | 4.90 | 4.93 | 3.54 | 3.90 | 3.90 | 3.53 | 2.94 | 1.11 | 0.24 | 0.24 | 0.24 | 0.24 | 0.38 | 0.38 | 0.37 | 0.38 | 0.28 | 1.16 | 2.67 | 3.94 | 5.93 | 6.89 | 6.89 | 7.92 | 6.94 | 6.89 | 6.92 | 5.93 | 4.90 | 3.94 | 2.91 | 2.51 | 2.51 | |

Fog Report

Saturday, January 23, 2021

VISIBILITY (8 PM CT SAT) HRRR Model

VISIBILITY (11PM CT SAT) HRRR Model



CONFIDENCE

Below
Normal

Above
Normal



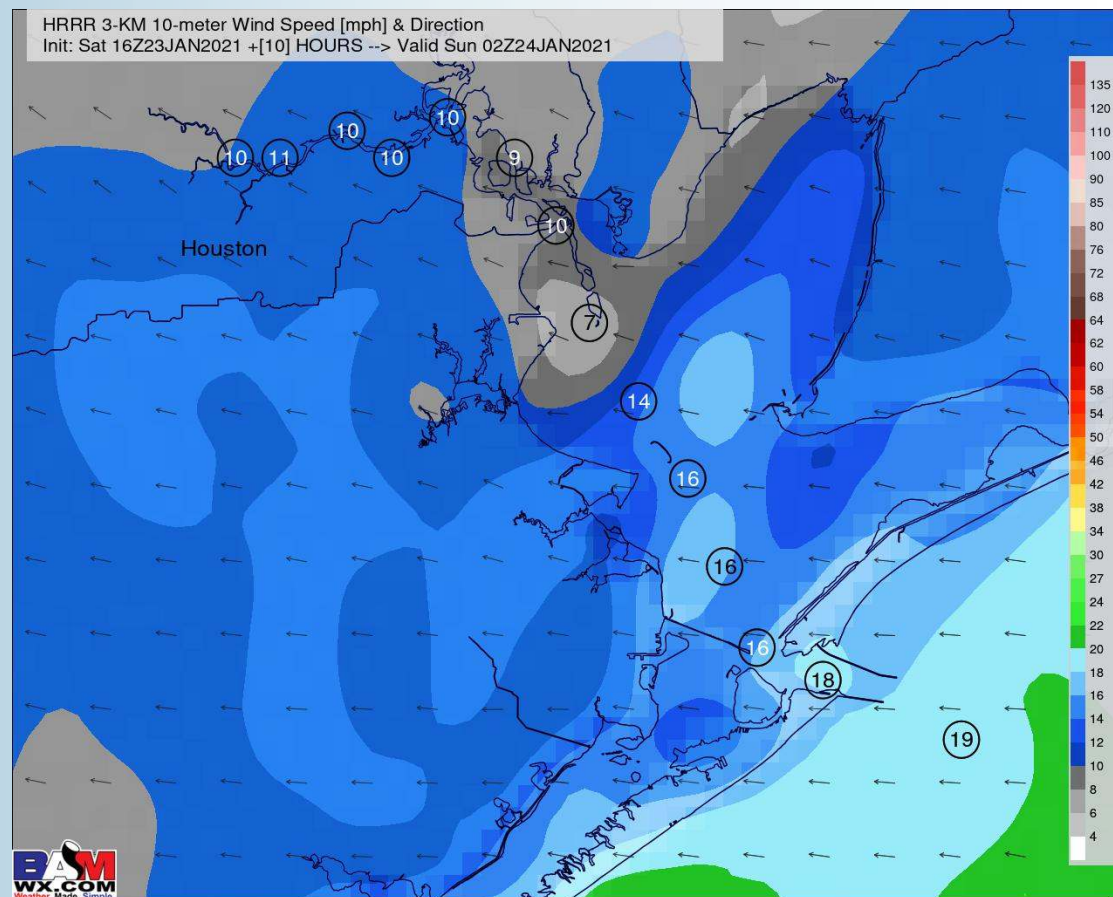
- Current conditions around the area show haze/ mist that is reducing visibilities a bit. Current thinking is that patchy fog can become more prevalent around the 9 PM timeframe. The threat exist for all stations, especially points A – G, and may be a bit patchy in nature at times.
- Beyond tomorrow morning, the fog threat is anticipated to be further out to sea later in the AM / afternoon hours. Another round of fog possible into tomorrow night.

Short-Term Forecast Discussion

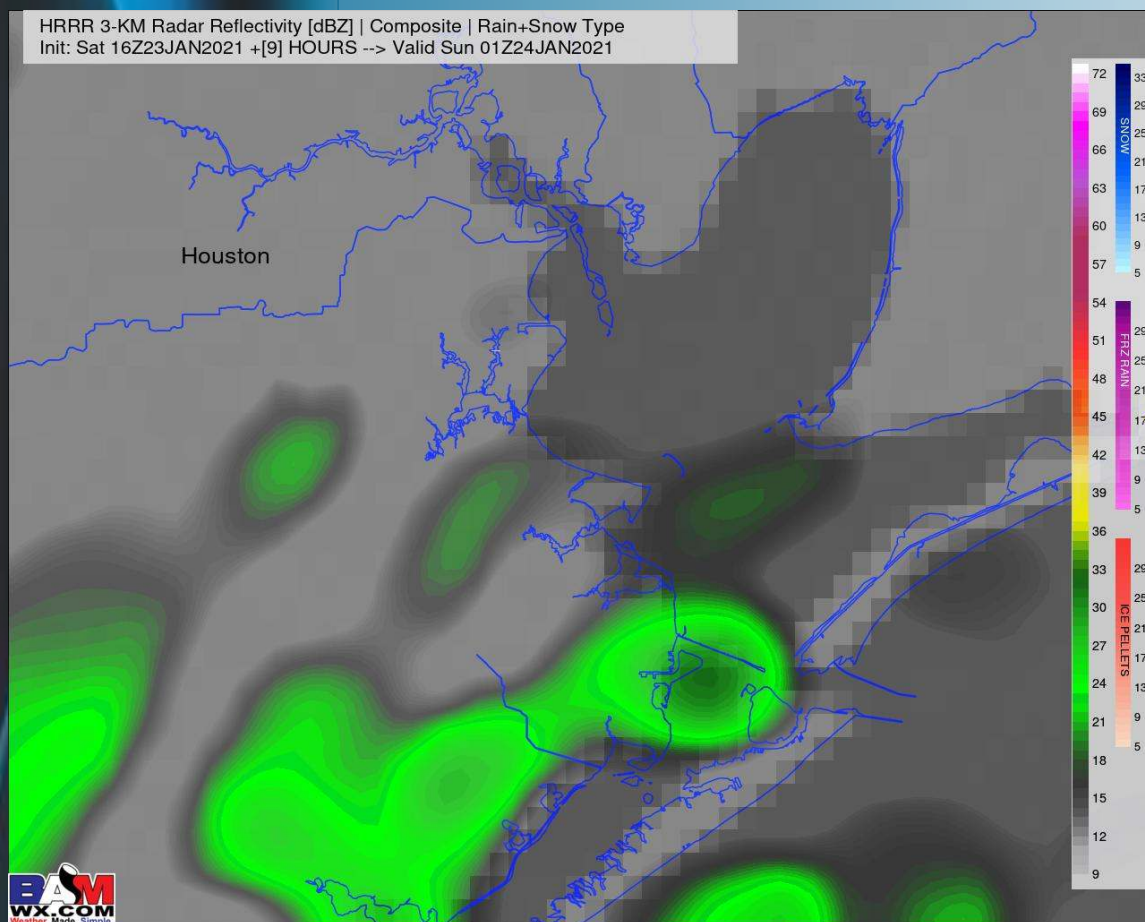
- Misty conditions will continue into the evening. Precipitation chances come back into the picture this evening, mainly beyond 7 PM. A rumble of thunder cannot be ruled out.
- Winds will generally be out of the ENE. Winds begin to shift more easterly after 4 PM and then out of the ESE towards 8PM. Winds generally look to be around 10 – 15 MPH with gust of around 20 MPH possible. Weaker winds anticipated for stations Exxon 3 towards the 610 bridge.
- Low temperatures tonight will be in the low 60s
 - Check slide above for fog info Sat night.

Saturday, January 23rd, 2021

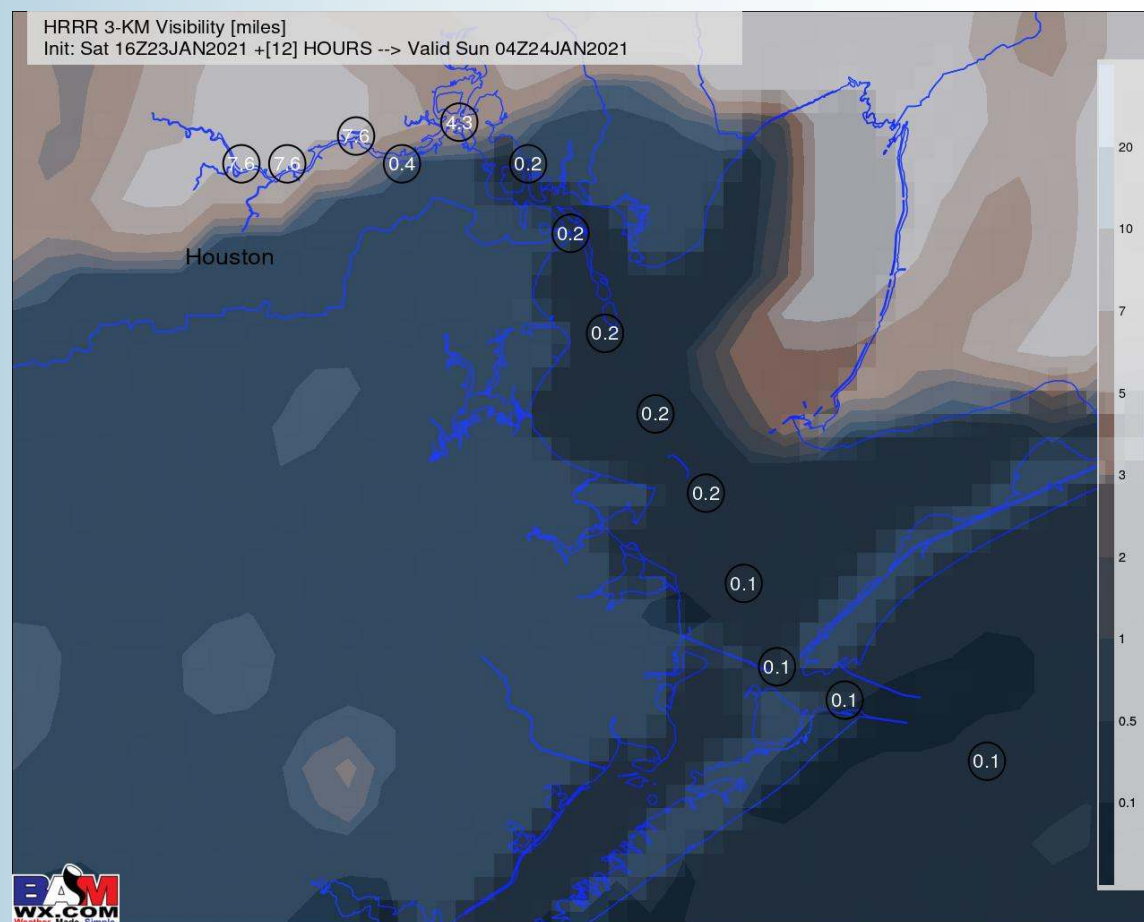
Sustained Winds (8 PM CT)



Simulated Radar Snapshot (7 PM CT)



Visibility (10 PM CT)

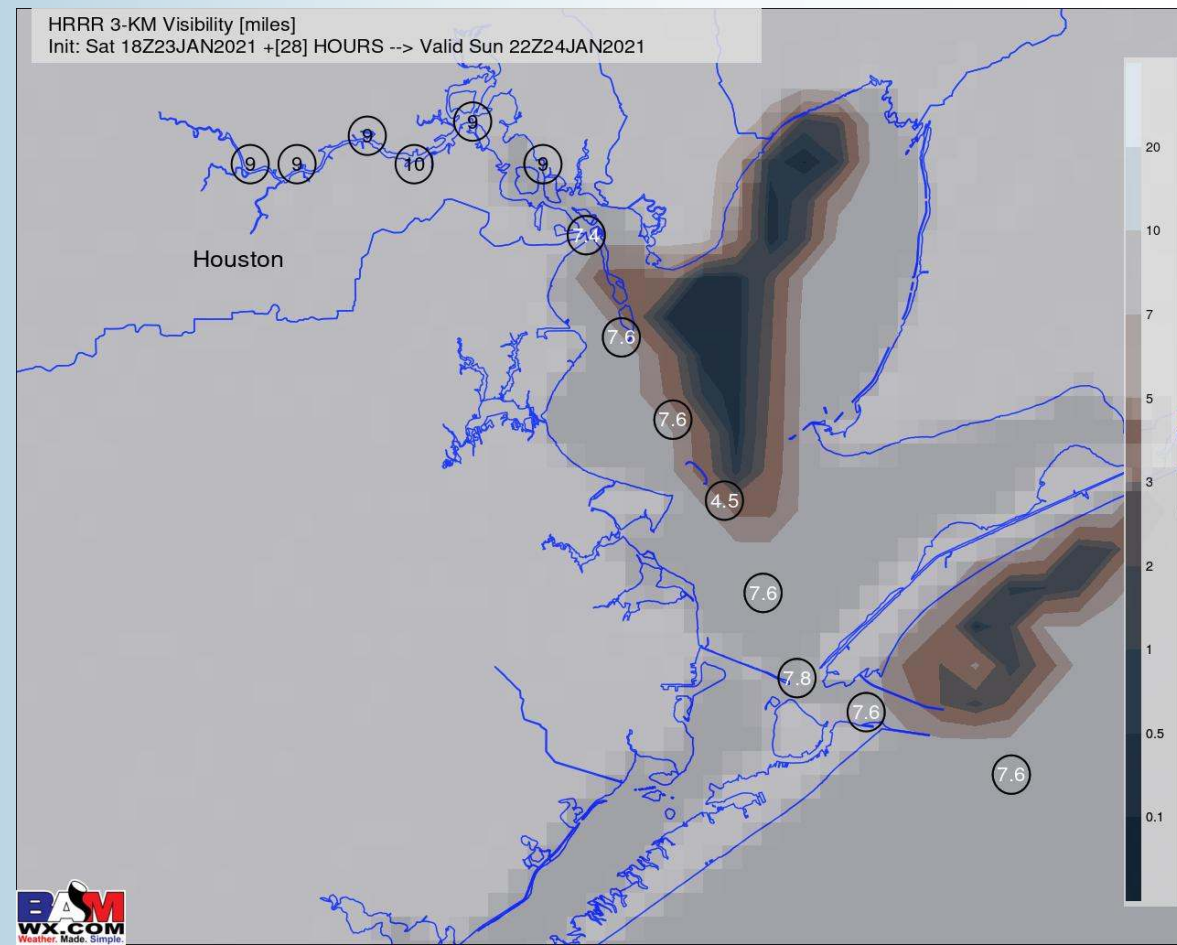
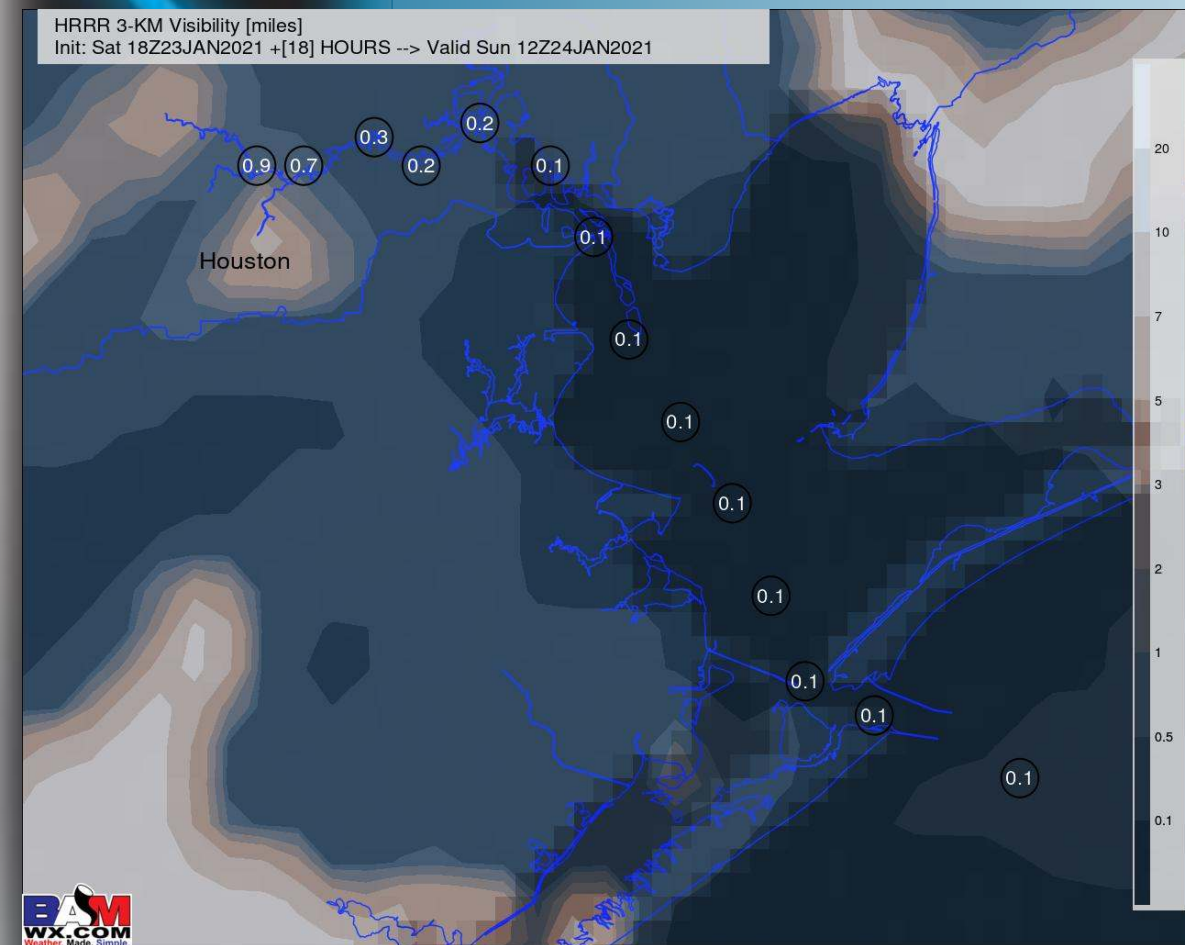


Fog Report

Sunday, January 24, 2021

VISIBILITY (6 AM CT SUN) HRRR Model

VISIBILITY (4PM CT SUN) HRRR Model



CONFIDENCE

Below
Normal

Above
Normal

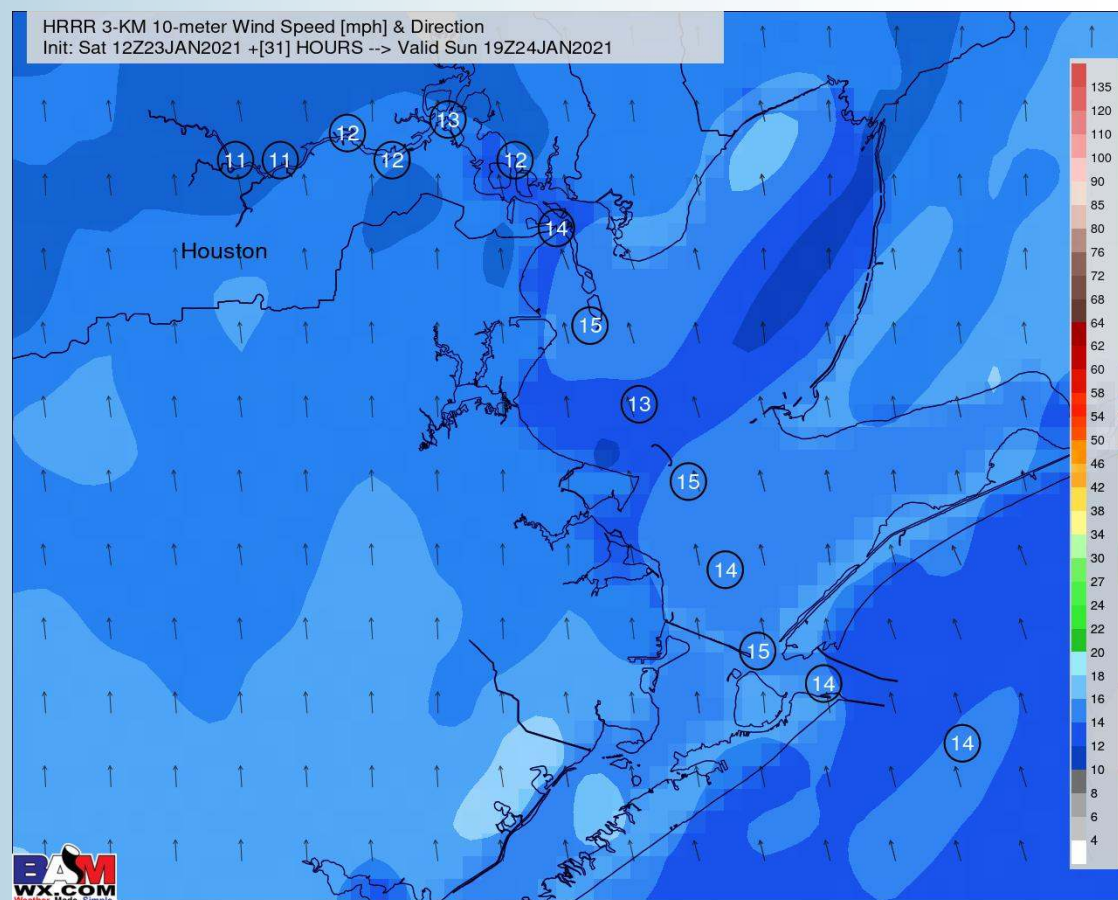
- Fog looks to be rather widespread and dense at times starting from Sat evening for all stations and will last through at least the ~9-10 AM window. After ~9-10 AM, the threat is favored to subside for locations North of H (Morgan's Point), however fog likely will continue for much of the day for locations South of Morgan's point. If there is a break in the fog for these stations it would likely come around the 2-5PM timeframe.
- Fog is then expected to linger around South of H in a bit of a patchy nature into the evening/overnight and into Mon AM before we will be watching for our next front to swing through right around ~mid-day Monday and provide a bit of a break from the fog. One thing that is being watched closely are the winds Sunday late PM/evening. Forecasted sustained winds of 15-25 MPH for the boarding station will likely aid in keeping any fog Sunday PM/evening not nearly as dense as the potential is very early Sunday AM.

Short-Term Forecast Discussion

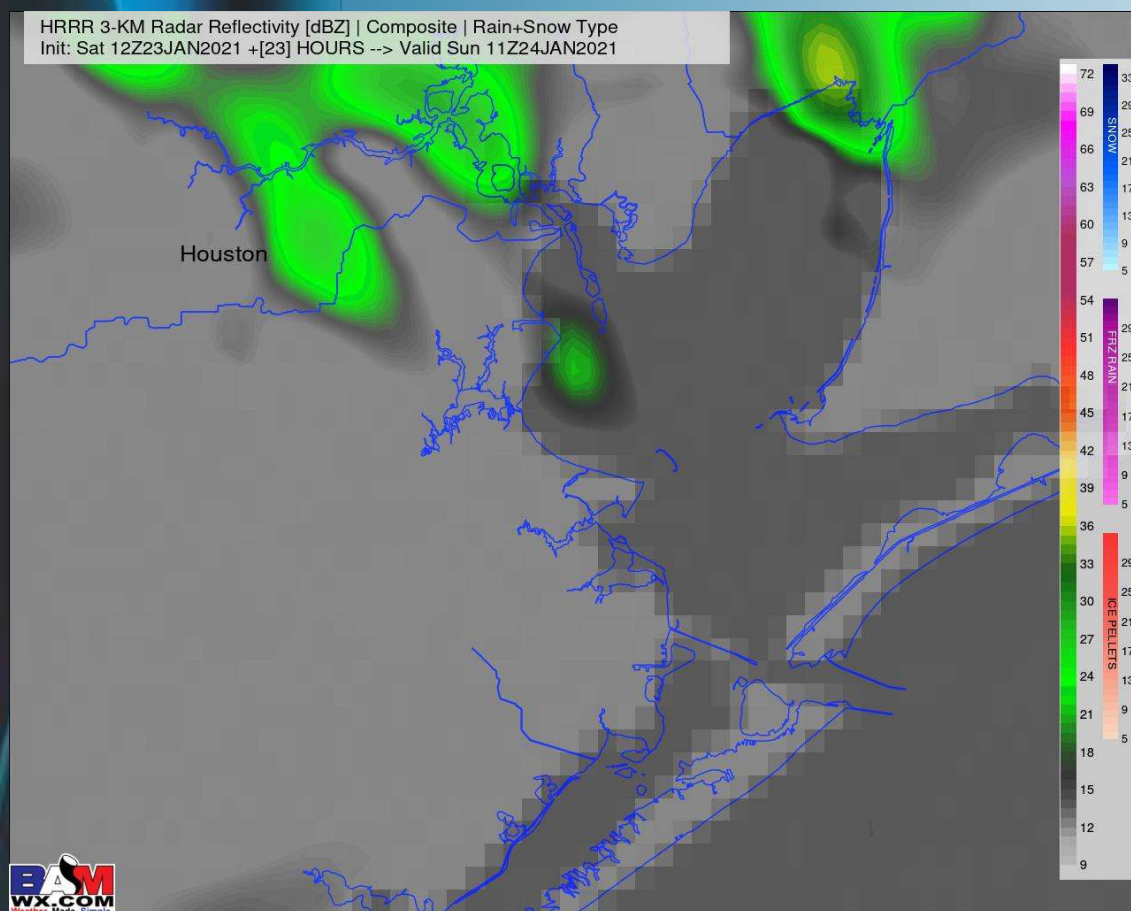
- Scattered showers will be possible in the morning through ~8AM with spotty chances later in the afternoon Sunday into the evening beginning ~6PM. Better chances likely arrive Monday morning with the passage of a front.
- Winds are anticipated to be out of the SE sustained around 10 – 15 north of Morgan's Point and 15-20 MPH south of Morgan's Point.
- High temperatures Sunday will be in the mid-to-upper 60s over open waters.
- Check above slide for fog info for Sunday

Sunday, January 24th, 2021

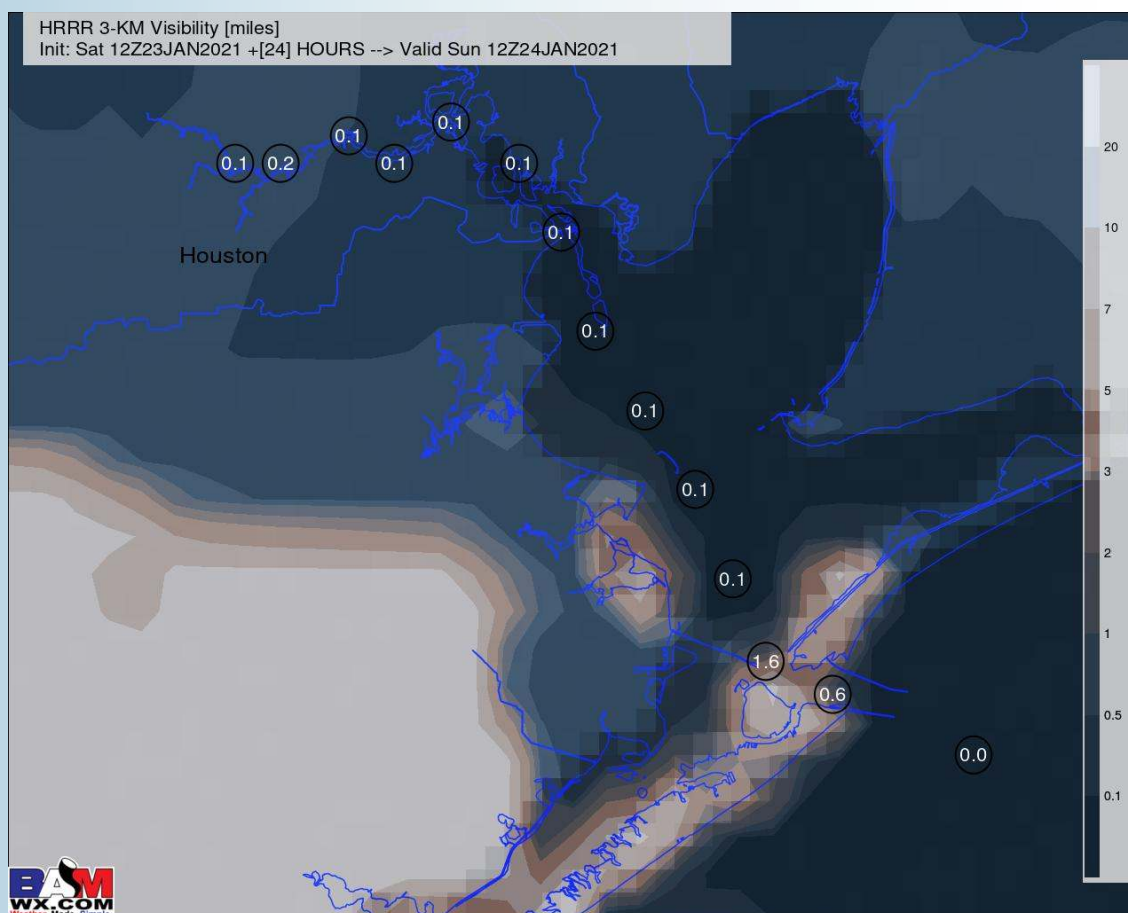
Sustained Winds (1 PM CT)



Simulated Radar Snapshot (5 AM CT)



Visibility (6 AM CT)

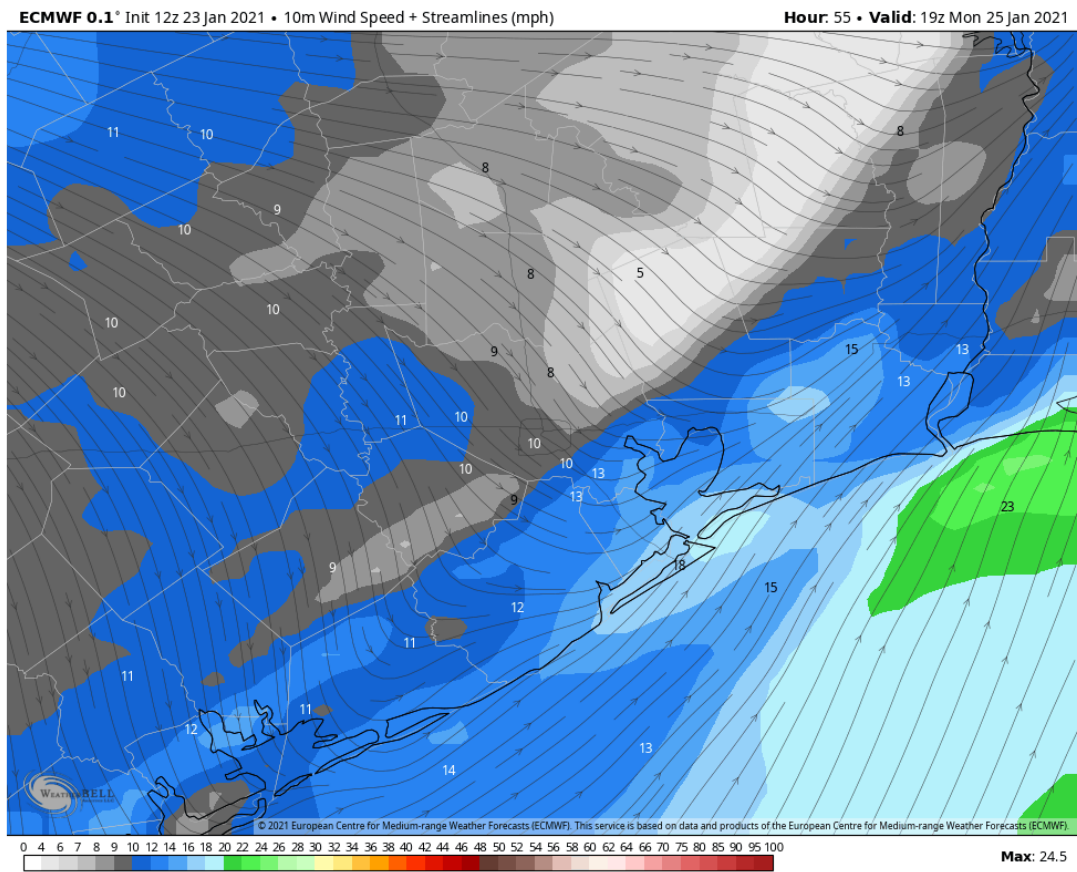


Short-Term Forecast Discussion

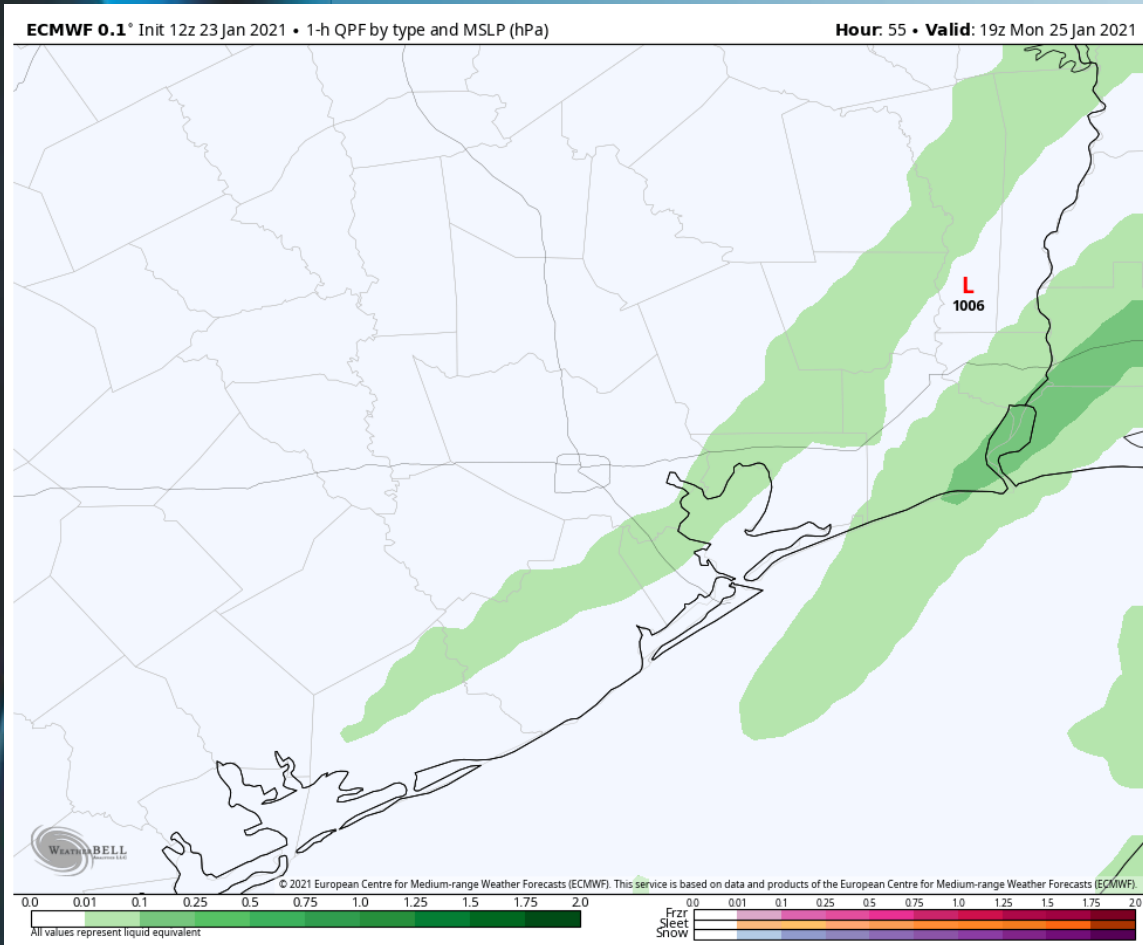
- Areas of light rain will be likely as the front approaches. The front will likely move in ~11AM-1PM. A t-storm will be associated with this front with moderate rain. Conditions will be drier after frontal passage for a moment but mist/ haze will likely return.
- SE winds at 10-20 MPH will shift SW from midnight to 6AM. Around the 1-3AM timeframe when the front passes winds will shift NW reducing speed to 5-10 MPH for stations
- High temperatures will be in the upper 60s.
- Aside from the lingering fog in the morning of MON once the front passes the winds will become much more calm which is favorable for fog so this will need to be watched closely and fine tuned with hi res model guidance

Monday, January 25th, 2021

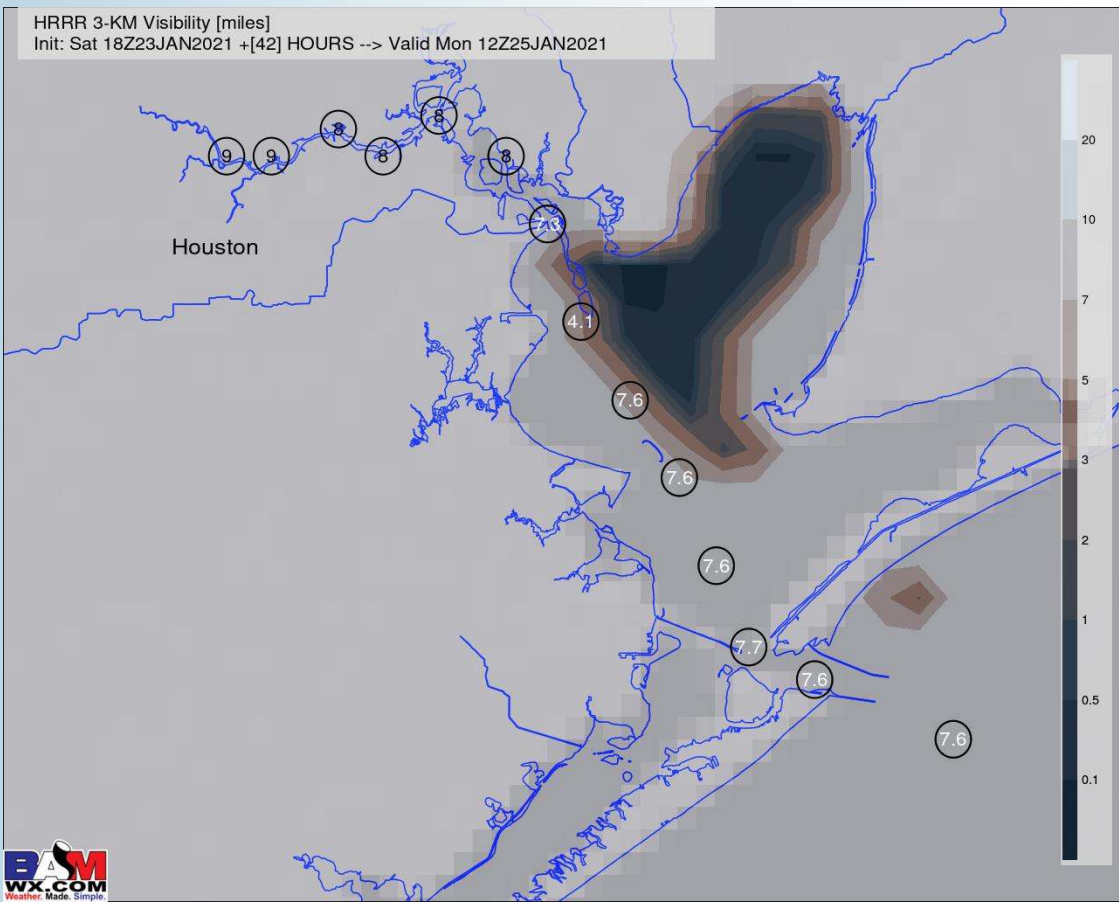
Sustained Winds (1 PM CT)



Simulated Radar Snapshot (1 PM CT)



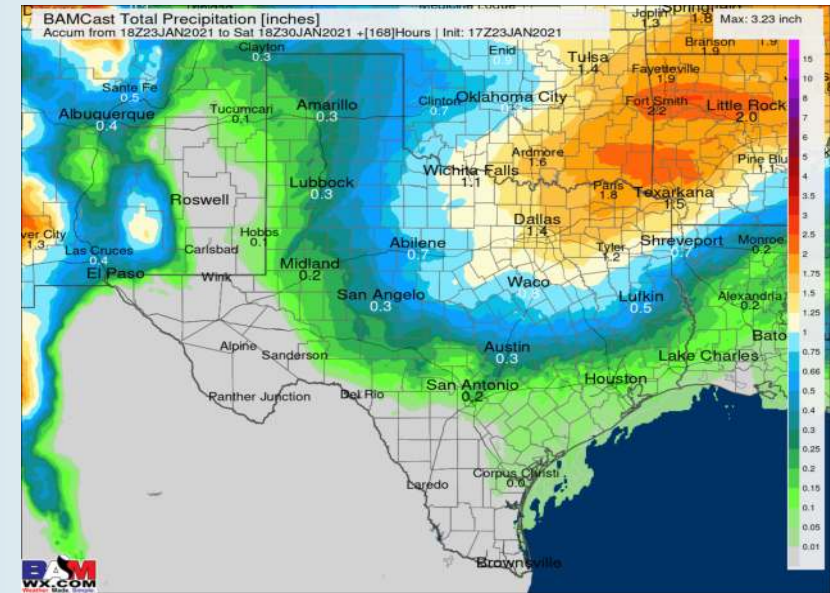
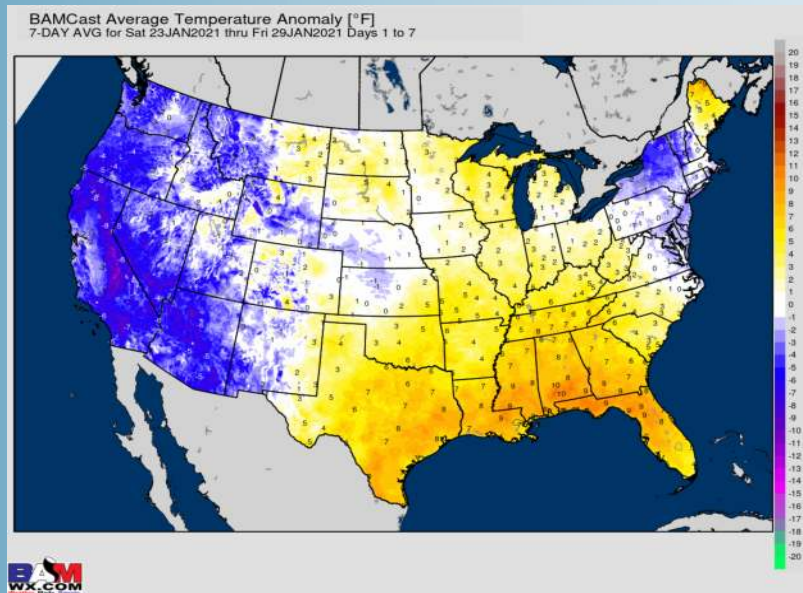
Visibility (6 AM CT)



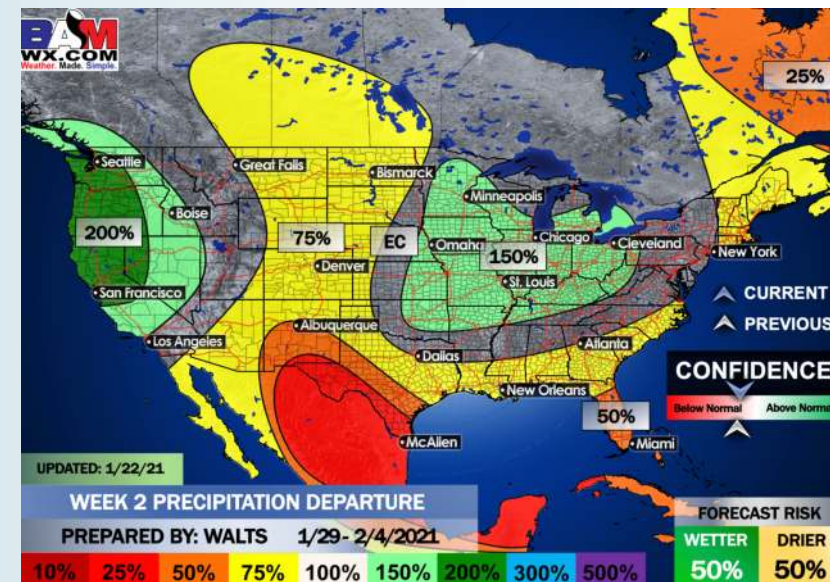
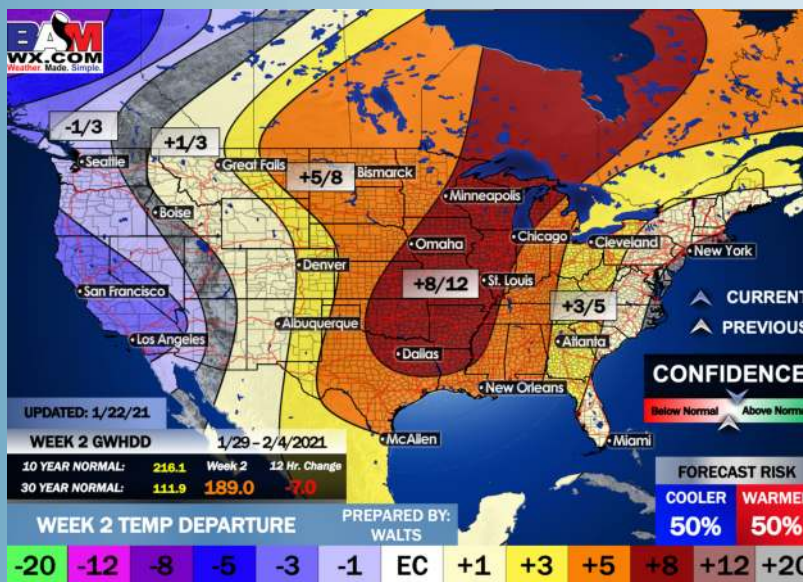
Week 1 Forecast

Long-Range Forecast Discussion

- Above normal temperatures are expected this week with below normal amounts of moisture.
- This warmer/ drier theme continues into week 2. The culprit is an expanding ridge to the south which will help to direct low pressure systems well to the north.
- The overall pattern persist for the weeks $\frac{3}{4}$ timeframe as well. Drier and warmer conditions expected.



Week 2 Forecast



Weeks 3/4 Forecast

