

**Updated: 5:30 AM CT Monday, January 25, 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.



# HOURLY VISIBILITY BREAKDOWN

## (in miles)

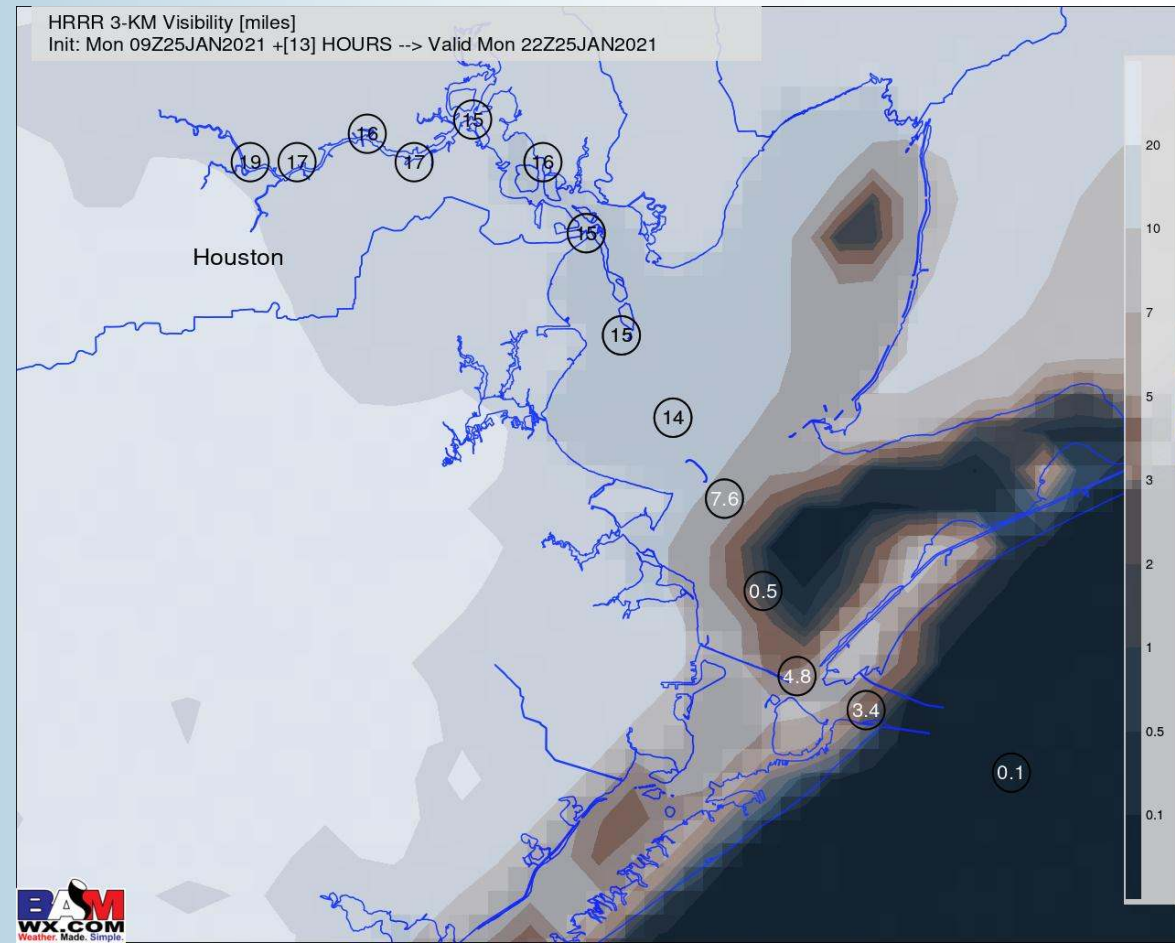
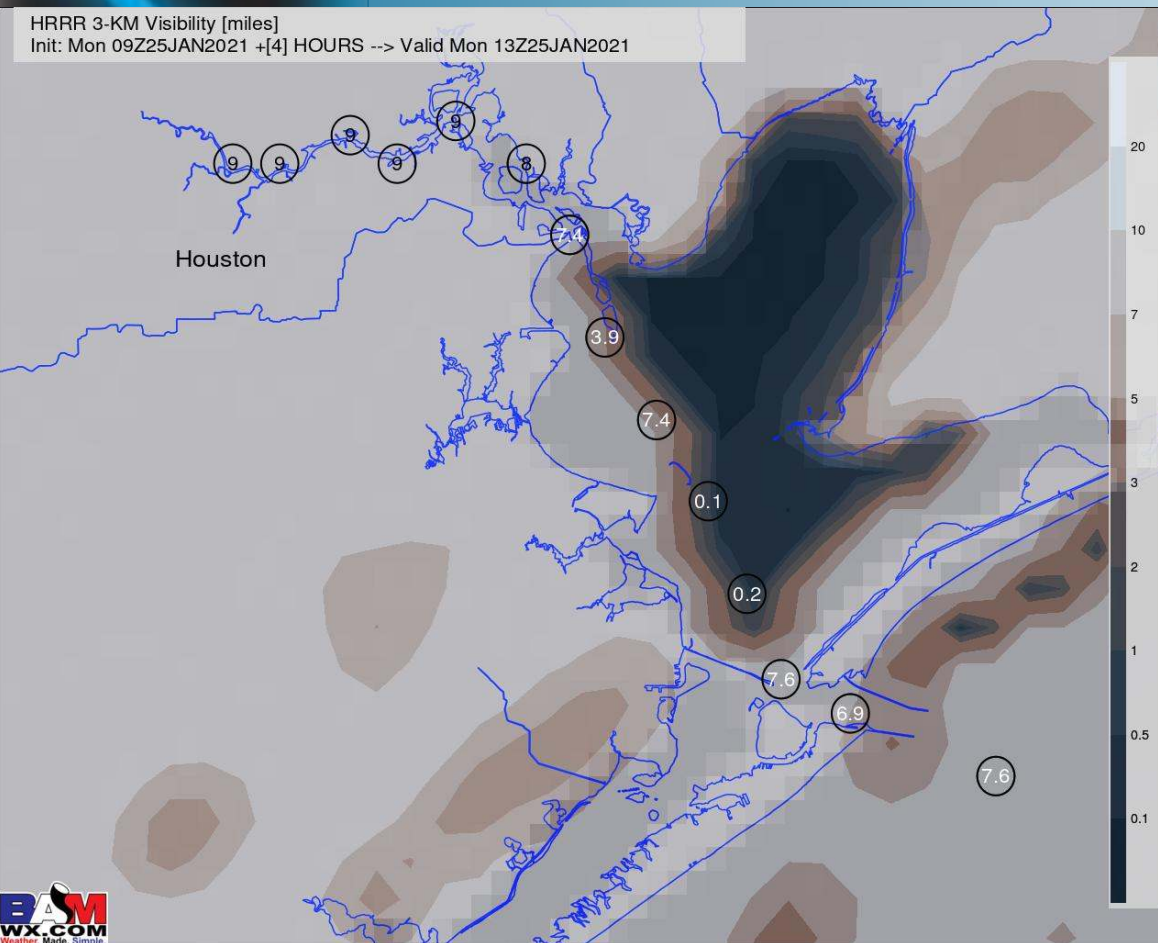
Time	01-25-2021 Mon 4am	01-25-2021 Mon 5am	01-25-2021 Mon 6am	01-25-2021 Mon 7am	01-25-2021 Mon 8am	01-25-2021 Mon 9am	01-25-2021 Mon 10am	01-25-2021 Mon 11am	01-25-2021 Mon 12pm	01-25-2021 Mon 1pm	01-25-2021 Mon 2pm	01-25-2021 Mon 3pm	01-25-2021 Mon 4pm	01-25-2021 Mon 5pm	01-25-2021 Mon 6pm	01-25-2021 Mon 7pm	01-25-2021 Mon 8pm	01-25-2021 Mon 9pm	01-25-2021 Mon 10pm	01-25-2021 Mon 11pm	01-26-2021 Tue 12am	01-26-2021 Tue 1am	01-26-2021 Tue 2am	01-26-2021 Tue 3am	01-26-2021 Tue 4am	01-26-2021 Tue 5am	01-26-2021 Tue 6am	01-26-2021 Tue 7am	01-26-2021 Tue 8am	01-26-2021 Tue 9am	01-26-2021 Tue 10am	01-26-2021 Tue 11am	01-26-2021 Tue 12pm	01-26-2021 Tue 1pm	01-26-2021 Tue 2pm	01-26-2021 Tue 3pm
Houston Pilots A - 1 & 2 Bravo	4.90	5.94	5.94	4.90	3.95	3.95	4.90	4.90	1.08	1.79	1.08	0.77	4.90	3.95	4.90	3.95	10.00	8.99	8.99	8.64	6.71	2.00	0.16	1.47	1.96	6.72	9.03	8.99	9.03	9.03	9.03	9.03	9.03	9.03	9.31	9.31
Houston Pilots B - 11/12	4.90	5.13	5.50	4.90	3.51	3.95	4.90	4.90	6.09	6.30	7.29	5.57	6.55	6.09	5.57	4.90	10.00	8.99	7.86	5.18	2.80	0.18	0.16	0.96	0.20	2.75	8.00	8.99	9.03	9.03	9.03	9.03	9.03	9.03	10.00	10.00
Houston Pilots C - 25/26	4.90	5.31	5.31	4.90	2.91	3.95	4.90	4.90	6.89	6.89	7.92	6.89	6.89	6.89	6.31	5.94	8.99	8.99	7.00	3.38	1.29	0.12	0.16	0.48	0.16	1.25	7.59	8.99	9.03	9.03	9.03	9.03	9.03	9.91	10.00	10.00
Houston Pilots D - 37/38	5.94	5.94	6.35	4.90	3.95	3.95	4.90	4.90	6.89	7.34	7.92	8.41	9.04	6.89	6.89	6.35	8.99	8.99	5.55	0.94	0.12	0.12	0.16	0.16	0.16	0.16	5.56	8.99	9.03	9.03	9.03	9.03	10.00	10.00	10.00	10.00
Houston Pilots E - 51/52	5.94	5.94	6.89	4.95	3.95	3.95	4.90	4.90	6.89	7.92	9.04	9.58	9.51	6.89	6.94	6.89	8.99	8.55	4.53	0.13	0.12	0.12	0.16	0.16	0.16	0.16	4.54	8.99	9.03	9.03	9.03	9.36	10.00	10.00	10.00	10.00
Houston Pilots F - 63/64	5.94	5.94	6.89	5.94	2.84	2.96	4.90	4.90	6.89	7.98	9.58	10.00	10.00	7.44	7.92	6.94	8.99	8.03	3.98	0.03	0.12	0.12	0.16	0.16	0.16	0.16	1.83	8.99	9.03	9.03	9.03	10.00	10.00	10.00	10.00	10.00
Houston Pilots G - 75/76	5.94	6.81	6.65	6.53	3.95	3.95	4.90	5.85	6.89	9.54	10.00	10.00	10.00	9.04	8.51	7.92	8.99	8.91	4.93	1.52	0.12	0.12	0.16	0.16	0.16	0.16	0.42	8.99	9.03	9.03	10.00	10.00	10.00	10.00	10.00	10.00
Houston Pilots H - Morgans Point	9.69	10.00	10.00	7.71	5.97	5.64	7.60	8.94	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	9.49	8.99	6.87	4.98	3.17	3.17	3.61	4.13	3.67	3.67	3.17	7.53	7.64	8.53	10.00	10.00	10.00	10.00	10.00	10.00
Houston Pilots I - Exxon 3	10.00	10.00	10.00	7.92	5.94	5.94	7.92	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	8.99	7.66	6.92	6.89	6.89	7.95	8.99	7.95	7.95	6.89	6.92	5.93	7.92	10.00	10.00	10.00	10.00	10.00	10.00
Houston Pilots J - Lynchburg Ferries	10.00	10.00	10.00	9.04	5.94	5.94	7.92	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	9.81	8.99	8.22	7.27	5.51	5.11	6.47	7.32	6.67	5.87	5.87	7.70	6.75	8.21	10.00	10.00	10.00	10.00	10.00	10.00
Houston Pilots K - Shell Crude	10.00	10.00	10.00	10.00	6.89	6.30	7.92	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	8.99	7.95	7.71	7.13	7.92	8.99	10.00	8.99	7.95	7.92	7.95	5.93	8.77	10.00	10.00	10.00	10.00	10.00	10.00
Houston Pilots L - Greens Bayou	10.00	10.00	10.00	10.00	6.89	6.89	7.92	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	8.99	7.95	7.95	7.53	7.92	8.99	10.00	8.99	7.95	7.92	7.95	5.93	9.03	10.00	10.00	10.00	10.00	10.00	10.00
Houston Pilots M - Kinder 1	10.00	10.00	10.00	10.00	6.89	6.89	9.04	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	8.03	7.95	7.92	8.00	10.00	10.00	9.11	8.99	7.92	7.95	6.89	9.03	10.00	10.00	10.00	10.00	10.00	10.00
Houston Pilots N - 610 Bridge	10.00	10.00	10.00	10.00	6.89	6.89	9.04	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	7.98	7.95	7.92	7.97	10.00	10.00	10.00	8.99	7.92	7.95	6.89	9.03	10.00	10.00	10.00	10.00	10.00	10.00

# Fog Report

**Monday, January 25, 2021**

## VISIBILITY (8 AM CT) HRRR Model

## VISIBILITY (4 PM CT) HRRR Model



## CONFIDENCE

Below  
Normal

Above  
Normal

- Fog will be favored in the early morning hours across stations south of Morgan's Point. Fog for stations south of Morgan's Point would be favored to linger in a patchy nature out through when the cold front passes, while stations north of Morgan's Point likely see any patchy fog wind down around sunrise. With high wind speeds fog will likely be reduced in strength but confidence is low on how much.
- Into the late AM/ early PM, attention will turn to a cold front that will be moving in from our west that will usher in winds from the NW and push the fog threat out toward the boarding station. We are currently favoring the cold front to reach stations closer to the 610 Bridge by the 12 A – 1 P timeframe, and the boarding station in the 2 – 3 PM window. This will push the fog threat to the boarding station. With weak winds the boarding station will continue to see patchy fog throughout the day and see this fog redevelop into the overnight starting ~5PM mostly staying south of Morgan's Point

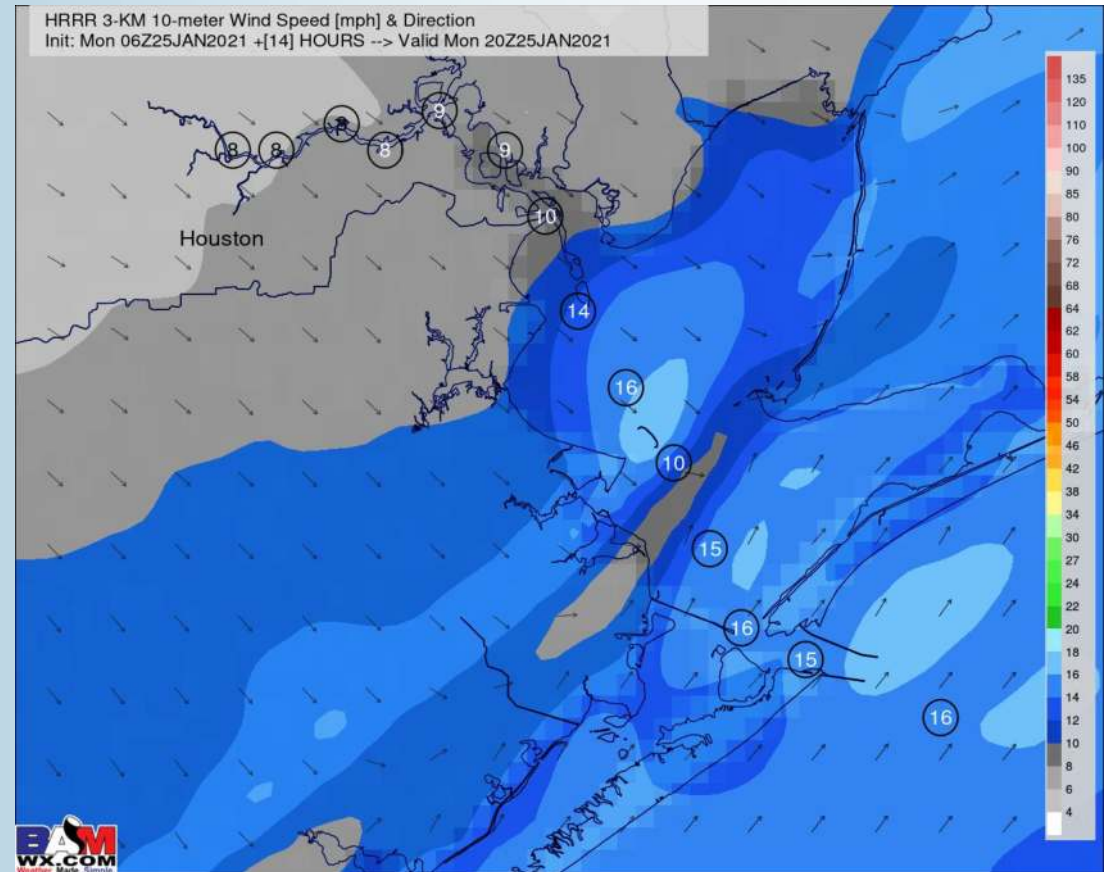


# Monday, January 25<sup>th</sup>, 2021

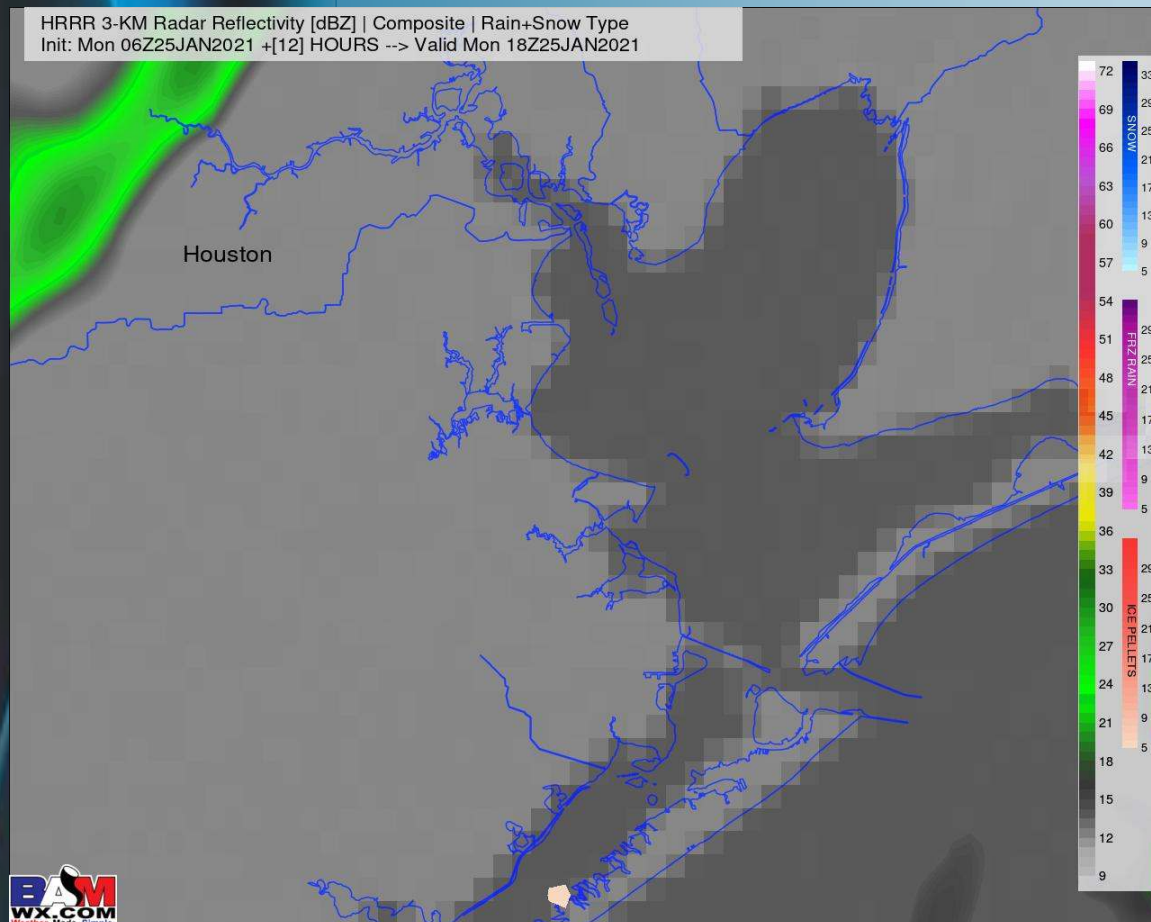
## Short-Term Forecast Discussion

- Areas of light rain will be likely as the front approaches. The front will likely move in ~12-3PM. A t-storm will be associated with this front with moderate rain. Conditions will be dry after frontal passage.
- SE winds at 10-20 MPH will shift SW ~8AM. Gusts today will be around 20-25 MPH before the front passage. Around the 12-3PM timeframe when the front passes winds will shift NW reducing speed to 5-10 MPH for stations. ~8-10PM winds will shift N.
- High temperatures will be in the upper 60s.
- **Check above slide for fog info on Monday**

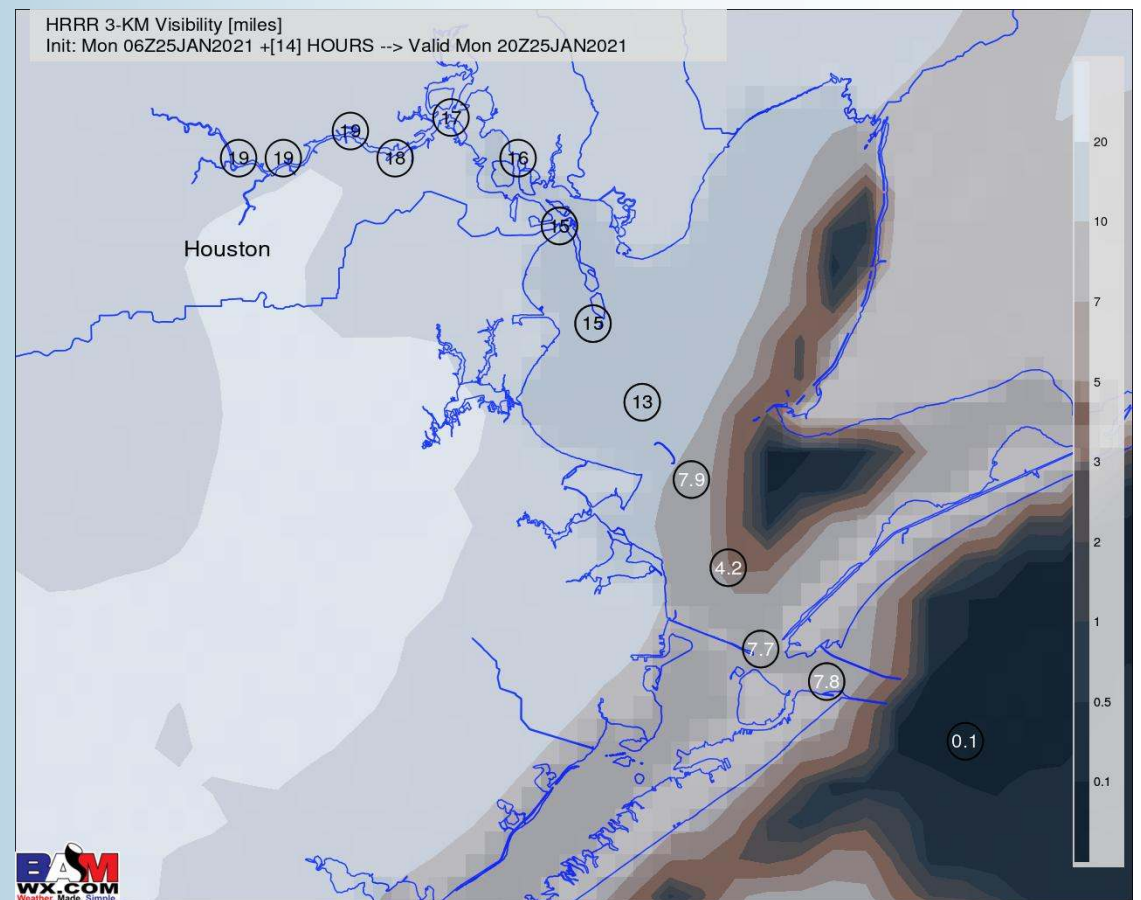
## Sustained Winds (2 PM CT)



## Simulated Radar Snapshot (12 PM CT)



## Visibility (2 PM CT)





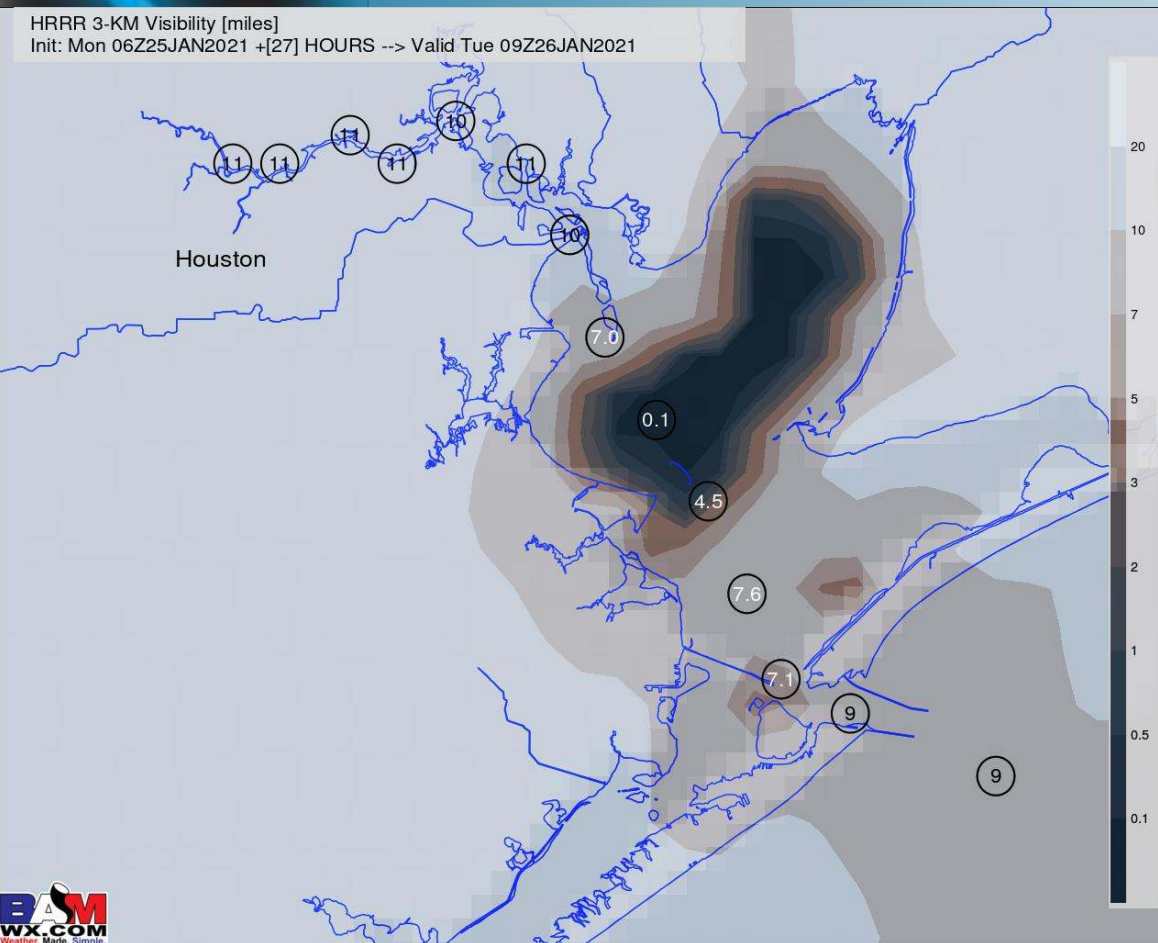
# Fog Report

**Tuesday, January 26, 2021**

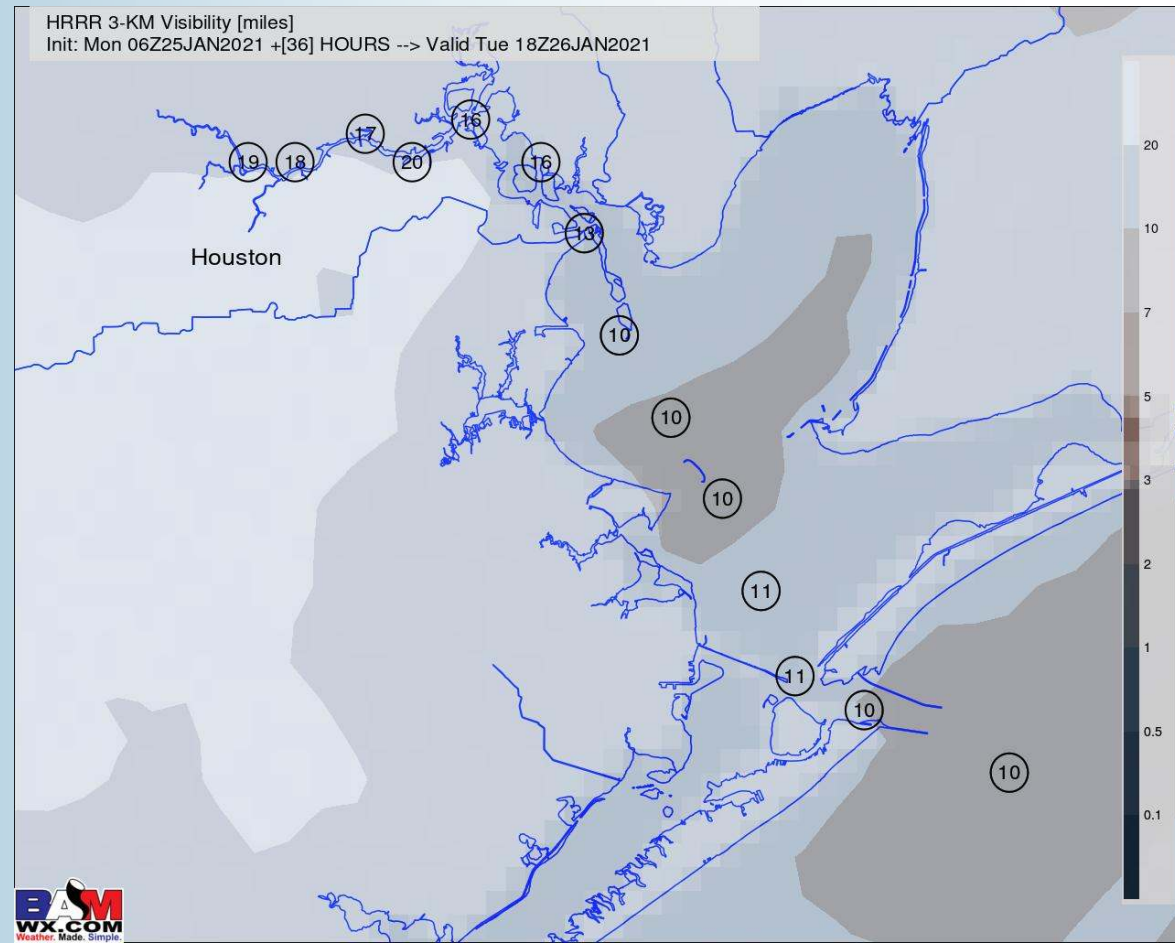
## VISIBILITY (3 AM CT) HRRR Model

## VISIBILITY (12PM CT) HRRR Model

HRRR 3-KM Visibility [miles]  
Init: Mon 06Z25JAN2021 +[27] HOURS --> Valid Tue 09Z26JAN2021



HRRR 3-KM Visibility [miles]  
Init: Mon 06Z25JAN2021 +[36] HOURS --> Valid Tue 18Z26JAN2021



## CONFIDENCE

Below  
Normal

Above  
Normal

- Fog will once again be favored in the early morning hours across stations south of Morgan's Point. As we work into the mid morning timeframe ~6AM fog could begin to lift and present a light mist threat for the day on Tuesday morning.
- Into the PM hours of the day we are looking at some light mist potential that could linger around and redevelop into the overnight. Looking into WED we see a front that work through early morning and will bring stronger winds likely pushing the fog/mist threat out of the area. We will have to keep an eye on this and fine tune as we work closer to that front.

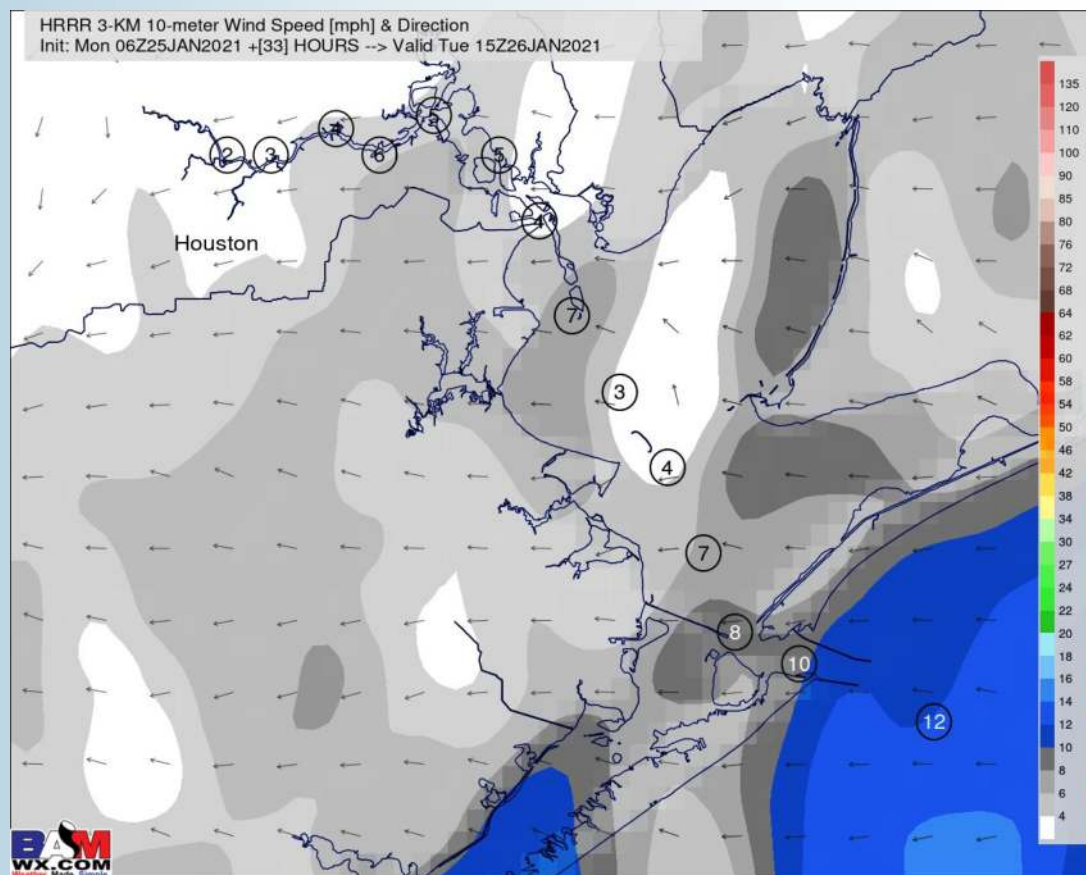


## Short-Term Forecast Discussion

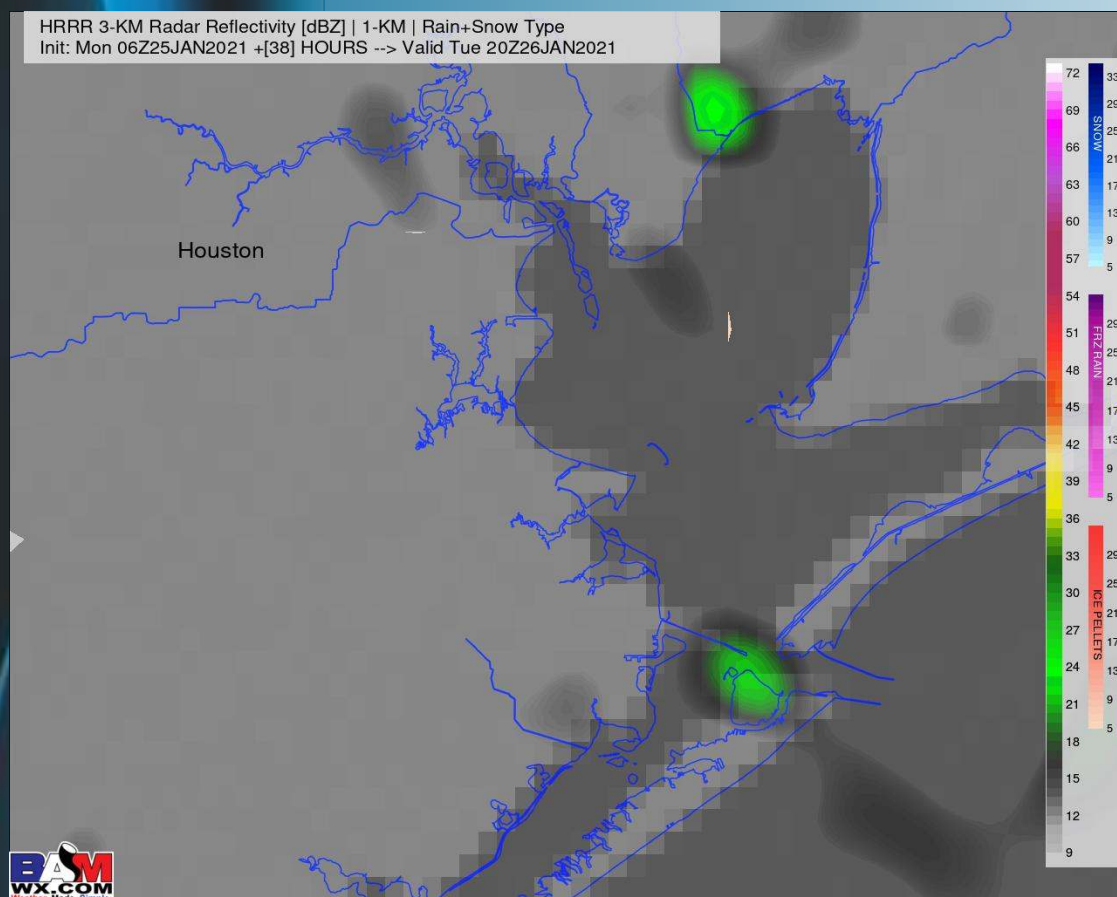
- Tuesday is looking to be a much drier day after the front passage but some moisture could work into the area with light rain chances past noon and into the overnight.
- Winds will be out of the N as they slowly shift NE around 12-3AM. Stations north of C are likely to have 3-8 MPH sustained winds. Stations to the south will have 8-13 MPH sustained winds.
- High temperatures Tuesday will be in the mid 60s
  - Check slide above for fog info

**Tuesday, January 26<sup>th</sup>, 2021**

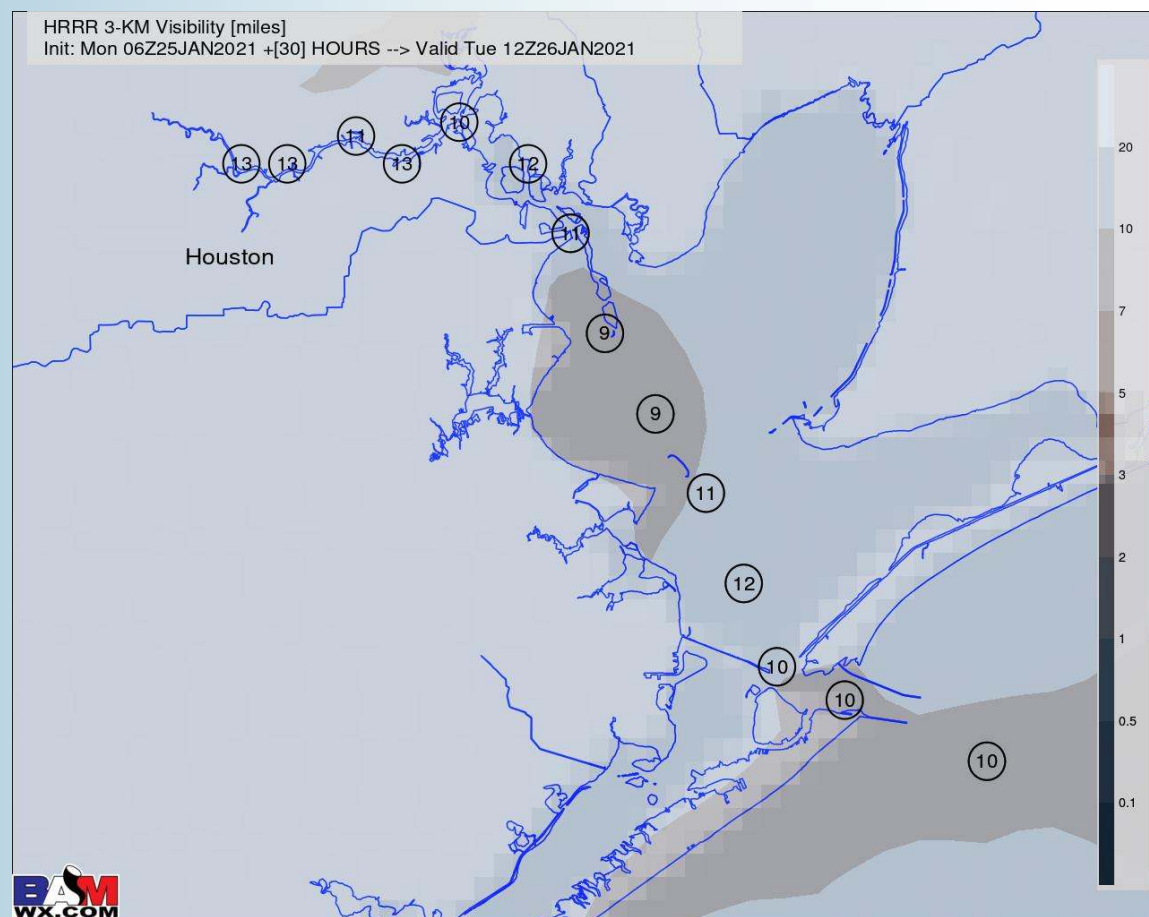
## Sustained Winds (9 AM CT)



## Simulated Radar Snapshot (2 PM CT)



## Visibility (6 AM CT)

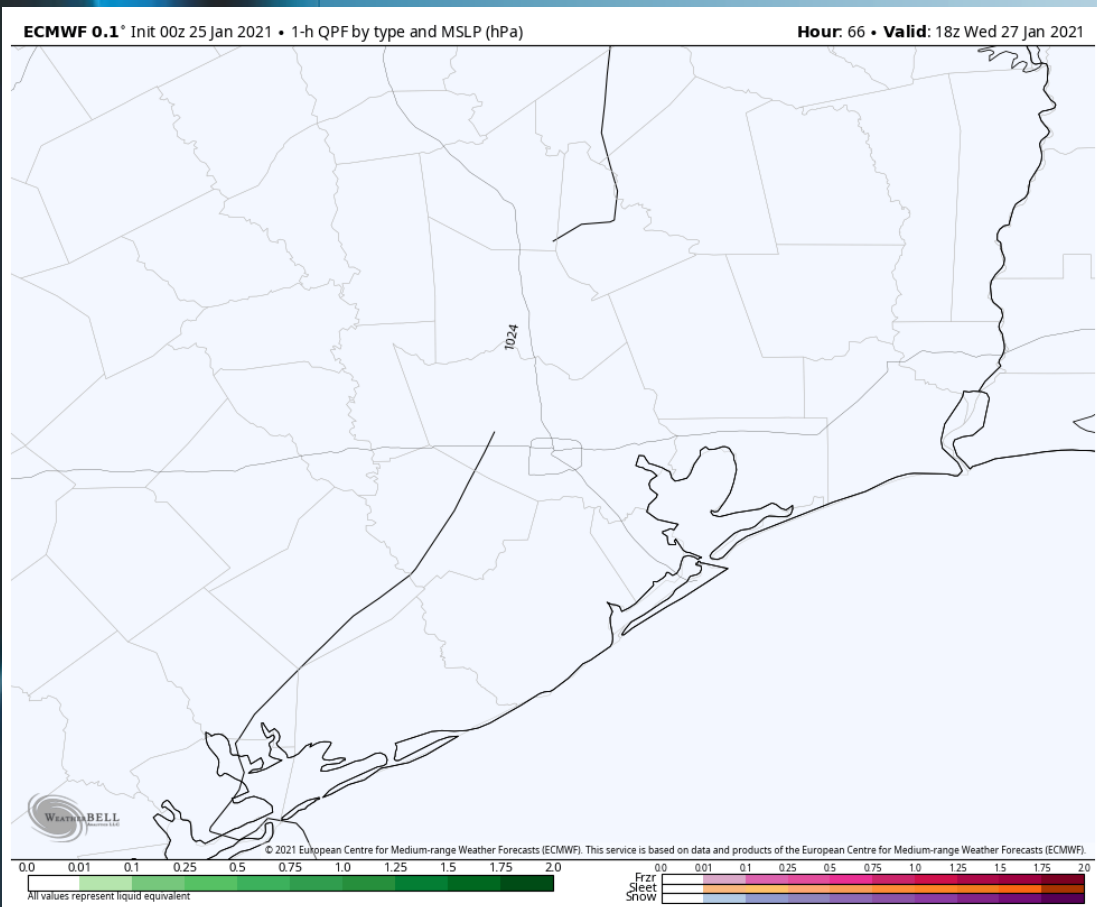




## Short-Term Forecast Discussion

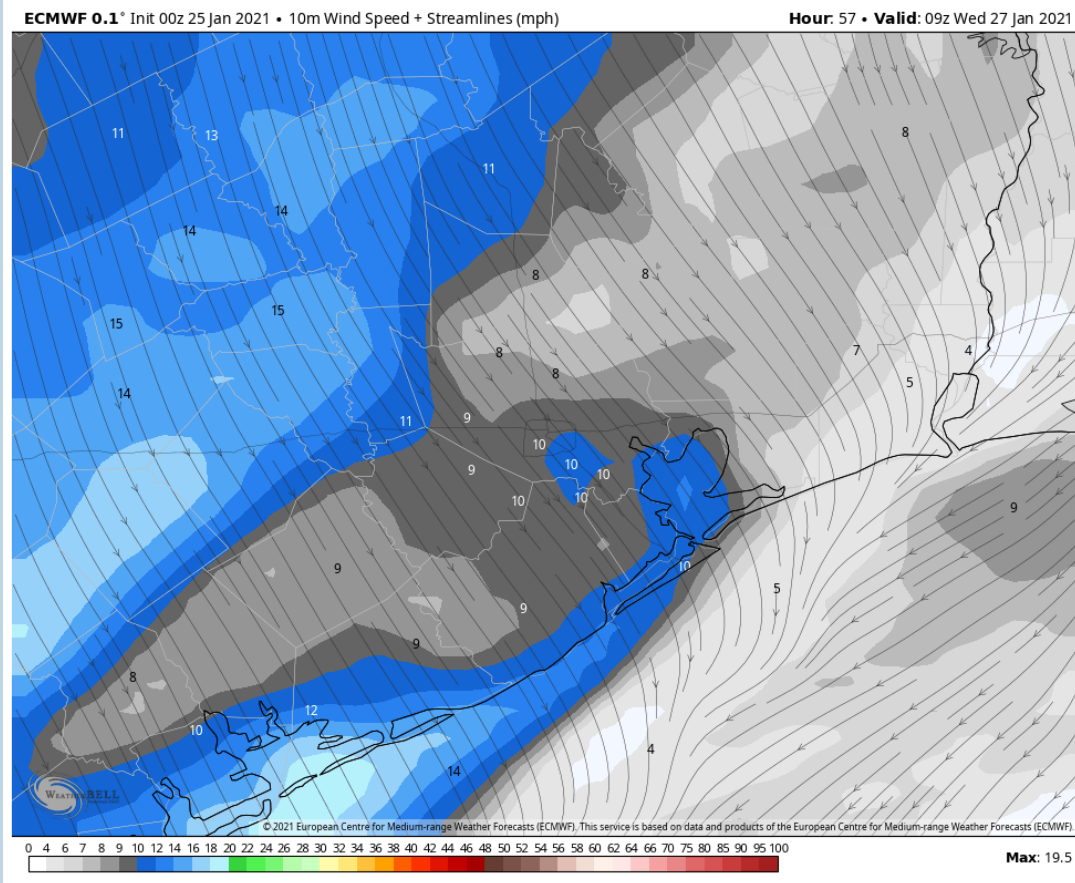
- A front will work through the area early morning ~2-5AM setting up a dry day.
- Wednesday morning ~2-5AM a front will move through and shift winds from NE to NW. Wind speeds after front will be 10-20 MPH. Around 6 PM wind speeds north of Morgan's Point will drop to 8-13 MPH.
- High temperatures WED will be in mid 60s
- As another front works through the area any lingering fog threat will likely be pushed out to sea and finished for some time.

## Simulated Radar Snapshot (10 PM CT)

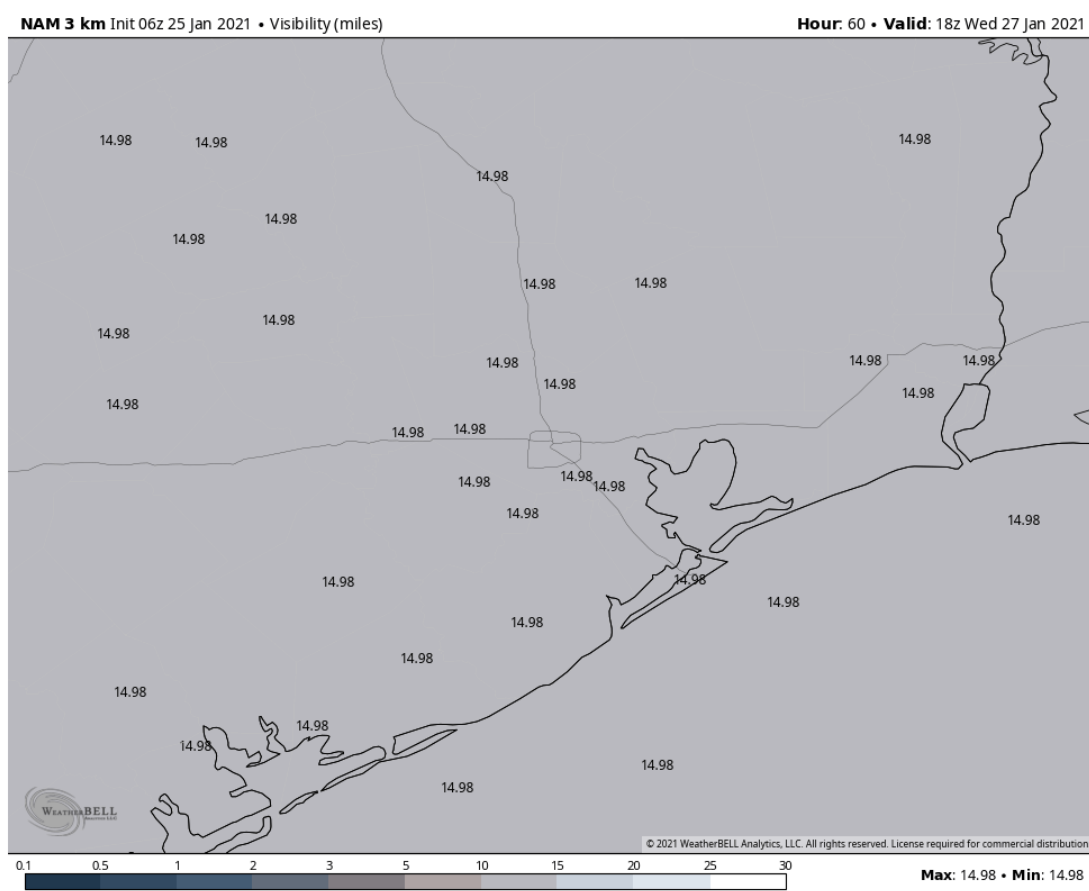


Wednesday, January 27<sup>th</sup>, 2021

## Sustained Winds (3 AM CT)



## Visibility (12 PM CT)

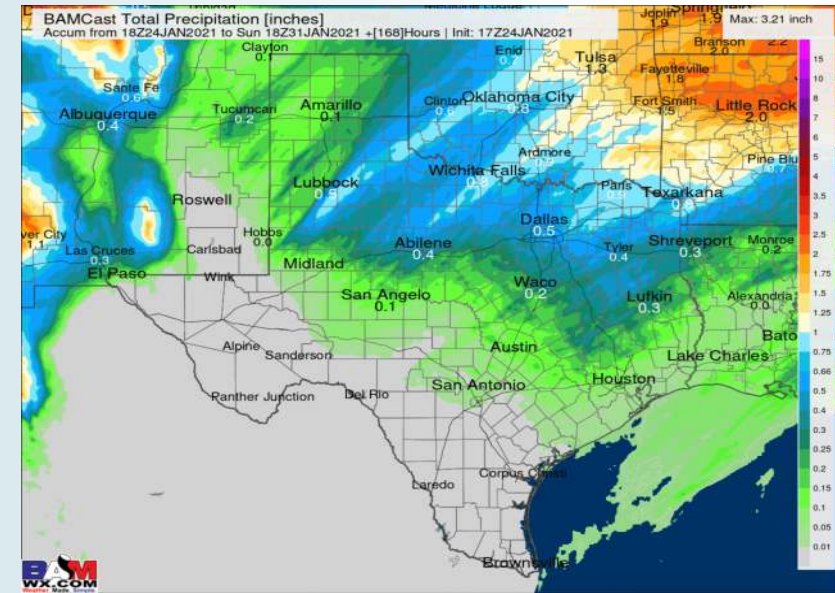
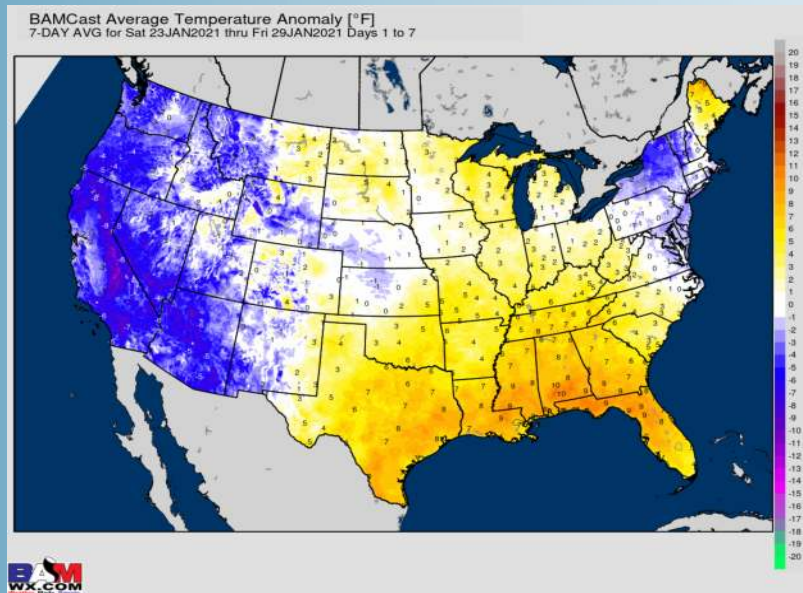




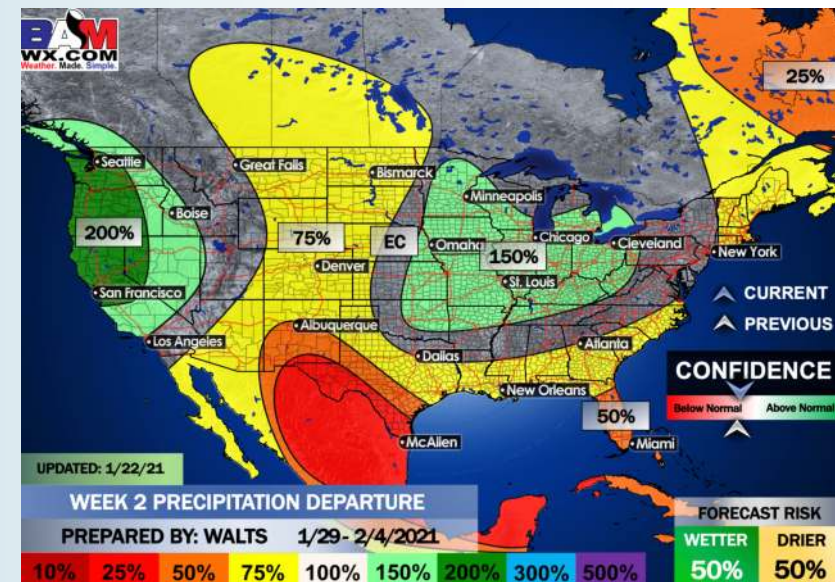
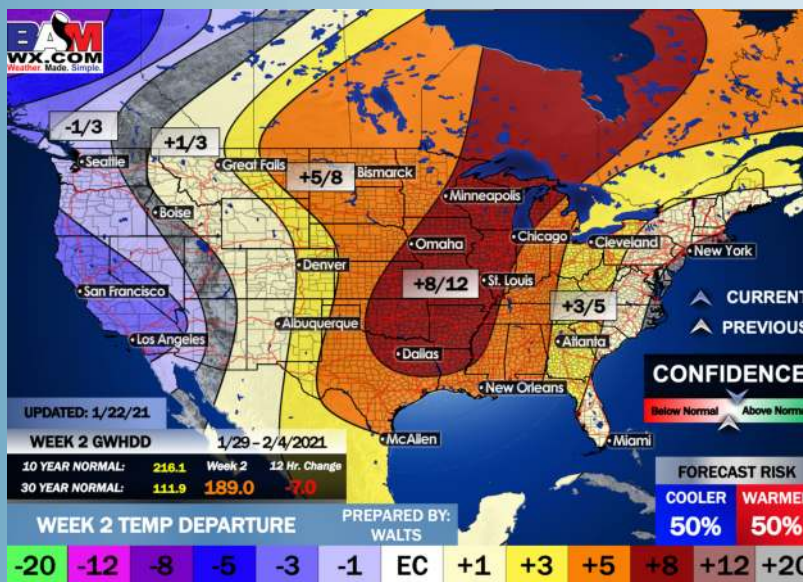
## Week 1 Forecast

### 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

