

Updated: 2:00 PM CT Wednesday, January 20, 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, January 20, 2021

HOURLY VISIBILITY BREAKDOWN (in miles)

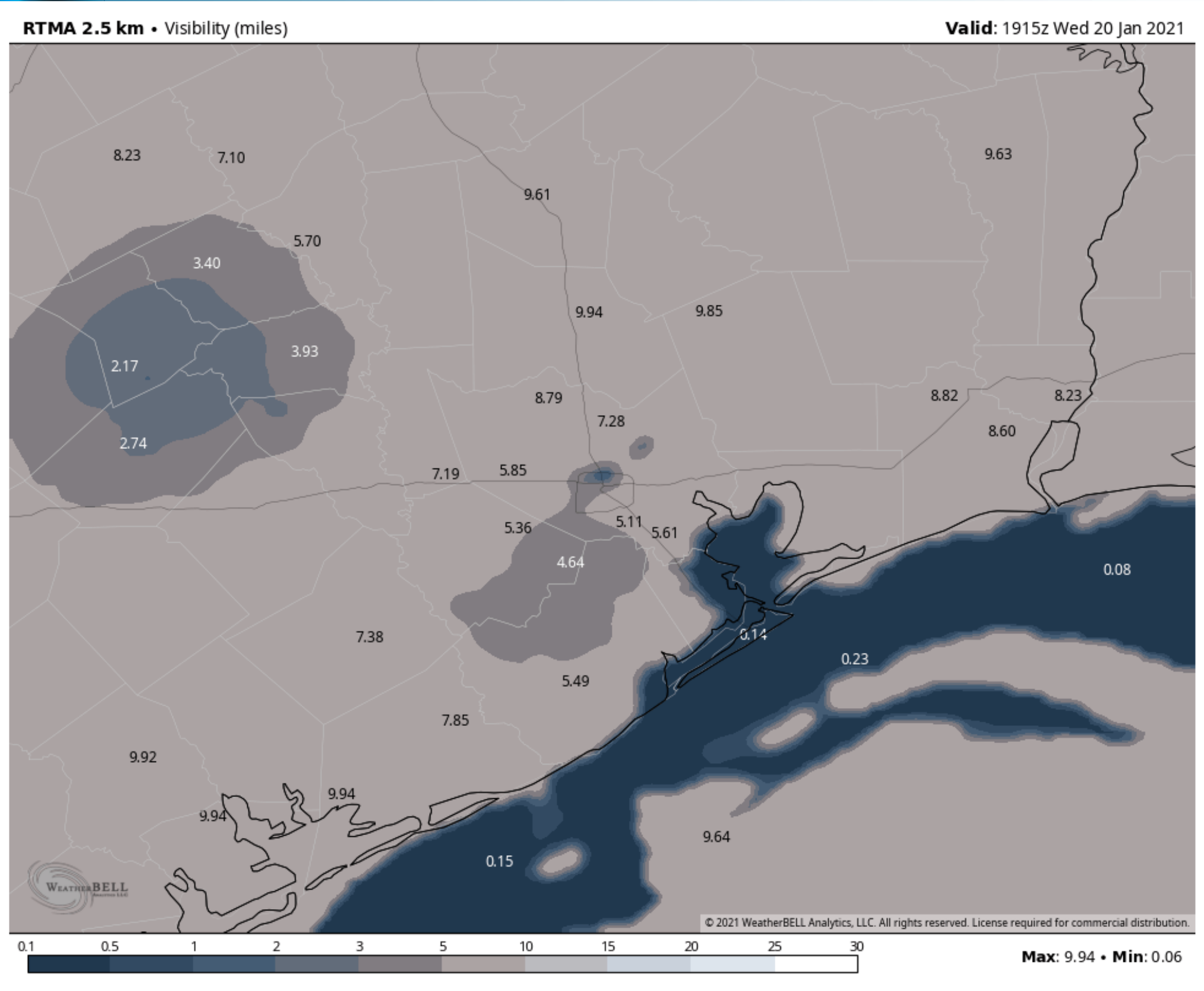
Time	01-20-2021 Wed 1pm	01-20-2021 Wed 2pm	01-20-2021 Wed 3pm	01-20-2021 Wed 4pm	01-20-2021 Wed 5pm	01-20-2021 Wed 6pm	01-20-2021 Wed 7pm	01-20-2021 Wed 8pm	01-20-2021 Wed 9pm	01-20-2021 Wed 10pm	01-20-2021 Wed 11pm	01-21-2021 Thu 12am	01-21-2021 Thu 1am	01-21-2021 Thu 2am	01-21-2021 Thu 3am	01-21-2021 Thu 4am	01-21-2021 Thu 5am	01-21-2021 Thu 6am	01-21-2021 Thu 7am	01-21-2021 Thu 8am	01-21-2021 Thu 9am	01-21-2021 Thu 10am	01-21-2021 Thu 11am	01-21-2021 Thu 12pm	01-21-2021 Thu 1pm	01-21-2021 Thu 2pm	01-21-2021 Thu 3pm	01-21-2021 Thu 4pm	01-21-2021 Thu 5pm	01-21-2021 Thu 6pm	01-21-2021 Thu 7pm	01-21-2021 Thu 8pm	01-21-2021 Thu 9pm	01-21-2021 Thu 10pm	01-21-2021 Thu 11pm	01-22-2021 Fri 12am
Houston Pilots A - 1 & 2 Bravo	1.59	0.72	0.48	0.53	0.77	0.48	0.48	0.77	0.53	0.53	0.46	0.29	0.42	3.17	6.89	6.89	8.00	8.00	8.00	8.00	8.00	8.00	6.01	4.98	4.47	3.47	0.28	0.12	0.12	0.12	0.12	0.12	1.84	2.29	4.63	4.63
Houston Pilots B - 11/12	1.59	0.72	0.48	1.08	1.08	0.72	0.63	0.66	0.53	0.53	0.29	0.29	0.29	0.58	0.53	1.64	8.00	8.00	8.00	8.00	8.00	8.00	6.01	4.98	3.94	1.88	0.87	1.13	0.12	0.12	0.12	0.12	0.72	0.87	2.13	2.47
Houston Pilots C - 25/26	1.59	0.72	0.48	1.08	1.08	0.72	0.72	0.59	0.53	0.46	0.29	0.29	0.29	0.29	0.53	1.20	8.00	8.00	8.00	8.00	8.00	8.00	6.01	4.98	4.31	1.64	1.71	2.12	1.30	1.02	0.71	0.36	0.98	0.98	2.58	2.92
Houston Pilots D - 37/38	1.99	0.72	0.48	1.08	1.08	1.11	0.72	0.77	0.53	0.53	0.29	0.29	0.29	0.29	0.53	0.53	8.00	8.00	8.00	8.00	8.00	8.00	6.01	4.98	4.25	1.64	1.57	2.10	1.84	1.84	1.27	0.58	1.53	1.53	3.98	3.98
Houston Pilots E - 51/52	1.94	0.76	0.48	1.08	1.08	1.11	0.72	0.77	0.53	0.53	0.29	0.29	0.29	0.29	0.53	0.53	8.00	8.00	8.00	8.00	8.00	8.00	6.01	5.09	5.09	1.64	1.90	2.29	4.02	4.02	1.90	1.21	1.85	1.85	3.98	3.98
Houston Pilots F - 63/64	1.59	1.11	0.48	1.08	1.08	1.11	0.72	0.77	0.53	0.53	0.29	0.29	0.29	0.53	0.53	0.53	8.00	8.00	8.00	8.00	8.00	8.00	6.06	6.06	6.06	2.51	1.42	2.03	4.02	4.02	2.13	1.68	2.08	2.08	3.98	3.98
Houston Pilots G - 75/76	1.59	1.11	0.48	1.08	1.38	1.11	0.72	0.77	0.53	0.53	0.29	0.29	0.29	0.53	0.53	0.53	8.00	8.00	8.00	8.00	8.00	8.00	6.96	7.47	6.96	3.31	1.16	1.82	4.90	4.90	4.90	3.90	4.93	4.93	4.93	4.93
Houston Pilots H - Morgans Point	3.49	3.64	3.08	1.64	1.64	1.11	0.76	0.69	0.60	0.32	0.32	0.29	0.32	0.53	0.39	0.78	4.64	4.64	4.64	4.53	4.74	5.32	6.06	6.18	6.06	4.52	2.21	3.10	5.40	5.52	5.40	5.40	5.38	5.08	4.08	3.97
Houston Pilots I - Exxon 3	4.53	5.89	6.92	7.10	1.64	1.11	0.72	0.77	0.53	0.29	0.29	0.29	0.29	0.53	0.29	0.91	1.33	1.48	1.12	0.89	1.50	2.42	3.94	3.37	3.37	2.91	2.91	2.91	3.94	3.94	3.94	4.53	3.90	3.37	1.54	0.87
Houston Pilots J - Lynchburg Ferries	4.17	5.89	6.92	7.92	2.15	1.41	0.72	0.77	0.53	0.29	0.29	0.29	0.85	0.95	1.28	1.96	3.86	3.60	3.31	2.95	3.60	4.24	5.28	5.28	5.28	4.24	2.68	2.57	4.74	4.74	4.74	5.71	4.98	4.98	3.58	2.93
Houston Pilots K - Shell Crude	3.90	5.52	6.92	6.89	9.04	7.95	0.72	0.77	0.53	0.29	0.29	1.11	2.04	2.33	3.95	3.95	4.31	4.31	3.94	2.51	2.91	3.94	3.94	3.94	3.94	2.91	2.91	2.91	3.94	3.94	3.94	4.90	3.90	3.90	2.47	2.17
Houston Pilots L - Greens Bayou	3.90	5.34	6.92	6.89	9.04	7.95	0.84	0.77	0.53	0.34	0.29	1.79	2.19	2.39	4.25	3.95	4.90	4.90	3.94	2.51	2.91	3.94	3.94	3.94	3.94	2.91	2.91	2.91	3.94	3.94	3.94	4.90	3.90	3.90	2.56	2.47
Houston Pilots M - Kinder 1	3.90	4.93	6.92	6.89	6.89	7.26	5.00	1.25	3.95	2.68	3.95	2.68	3.95	3.95	4.90	4.06	4.90	4.90	3.94	2.51	2.91	3.94	3.94	3.94	3.94	2.91	2.91	2.91	3.94	3.94	3.94	4.90	4.93	3.90	2.78	2.47
Houston Pilots N - 610 Bridge	3.90	4.93	6.92	6.89	6.84	6.92	4.93	2.63	3.95	3.95	3.95	3.95	3.95	3.95	4.90	4.90	4.90	4.90	3.94	2.51	2.91	3.94	3.94	3.94	3.94	2.91	2.91	2.91	3.94	3.94	4.30	4.90	4.93	3.90	2.77	2.47



CURRENT VISIBIILITY

Wednesday, January 20, 2021

VISIBILITY AS OF 2:00 PM CT

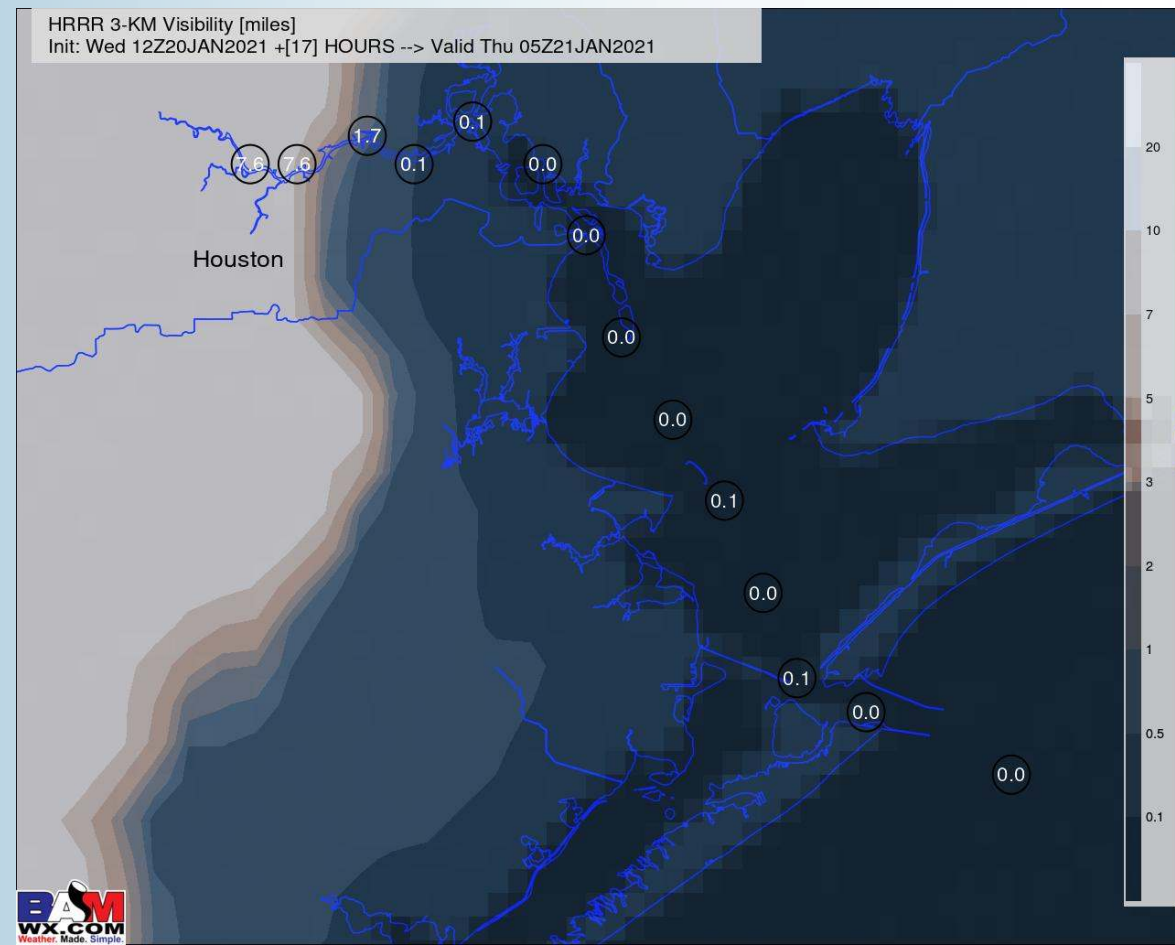
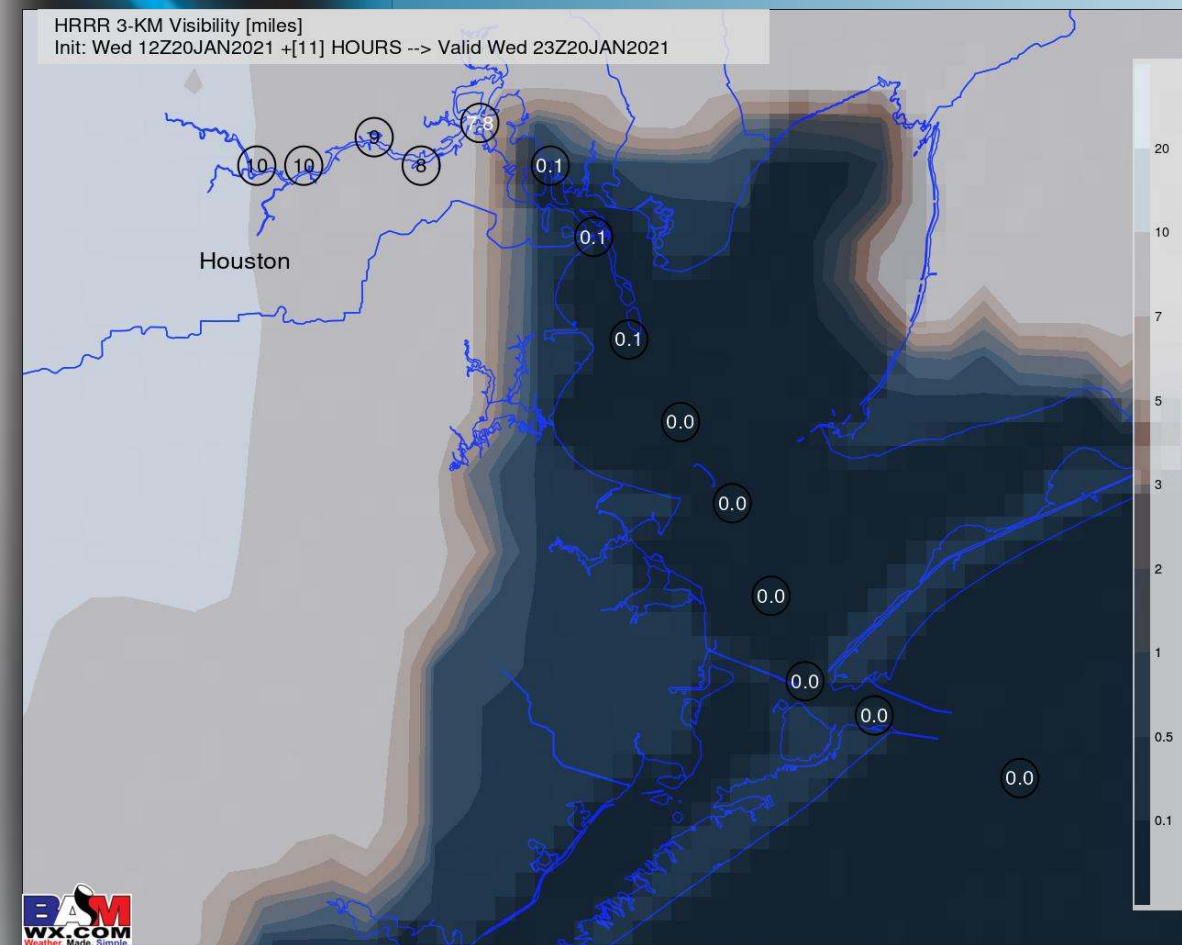


Fog Report

Wednesday, January 20, 2021

VISIBILITY (5 PM CT TUE) HRRR Model

VISIBILITY (11 PM CT WED) HRRR Model



CONFIDENCE

Below
Normal

Above
Normal

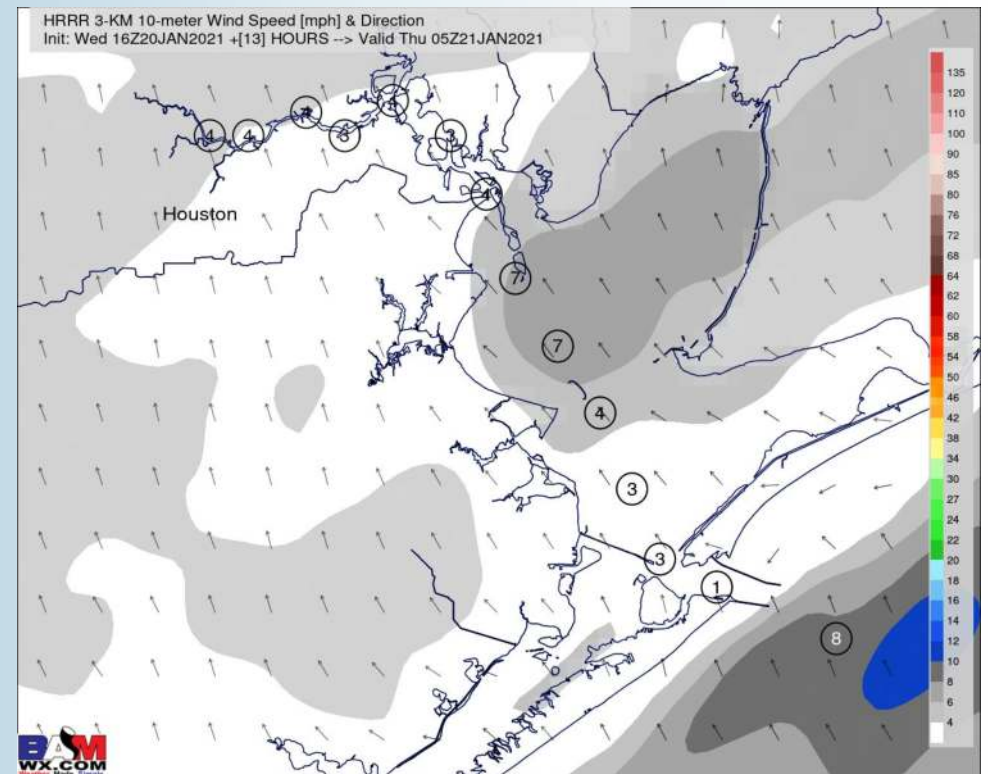
- Guidance has come to much better agreement and confidence has increased about fog as we go over the coming days. For today, we anticipate fog to continue for the remainder of the day. The best potential for less dense and more scattered fog will be from now to ~5PM timeframe. With that said, we favor the redevelopment of fog beyond the 5PM timeframe and into the evening and overnight.
- The greatest risk for fog will be for stations south of Morgan's Point but all stations are expected to see fog into the overnight hours.

Short-Term Forecast Discussion

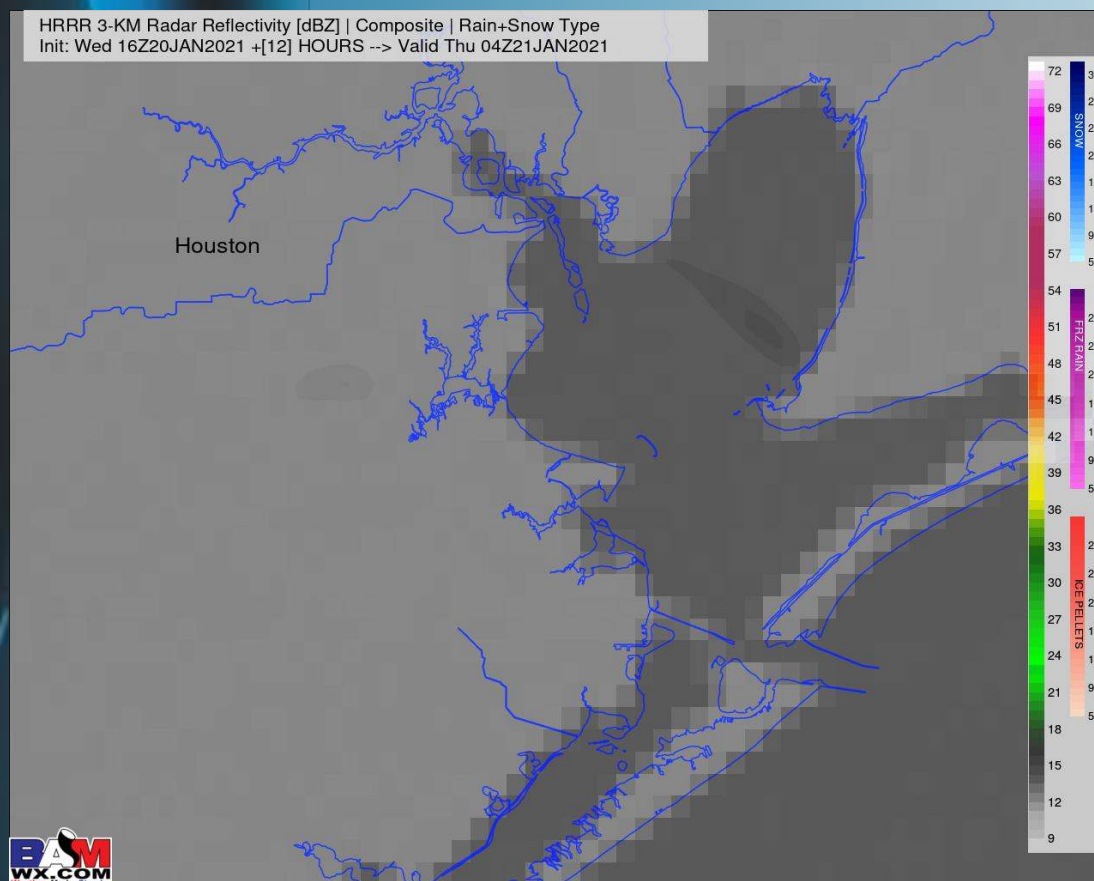
- This evening some mist could develop with fog likely starting around 5PM.
- Winds will be out of the E/NE with Morgan's point and points south will be at 10-15 MPH while points north will be at 5-10 MPH. Around 3-5 PM winds will shift SE. 5-6 PM sustained winds will drop to 3-8 MPH for all stations. Around the 10PM-12AM timeframe winds will shift S
- Low temperature will be in the upper 50s
- Check above slides for more details on fog. Fog is likely to persist throughout the day and into FRI

Wednesday, January 20th, 2021

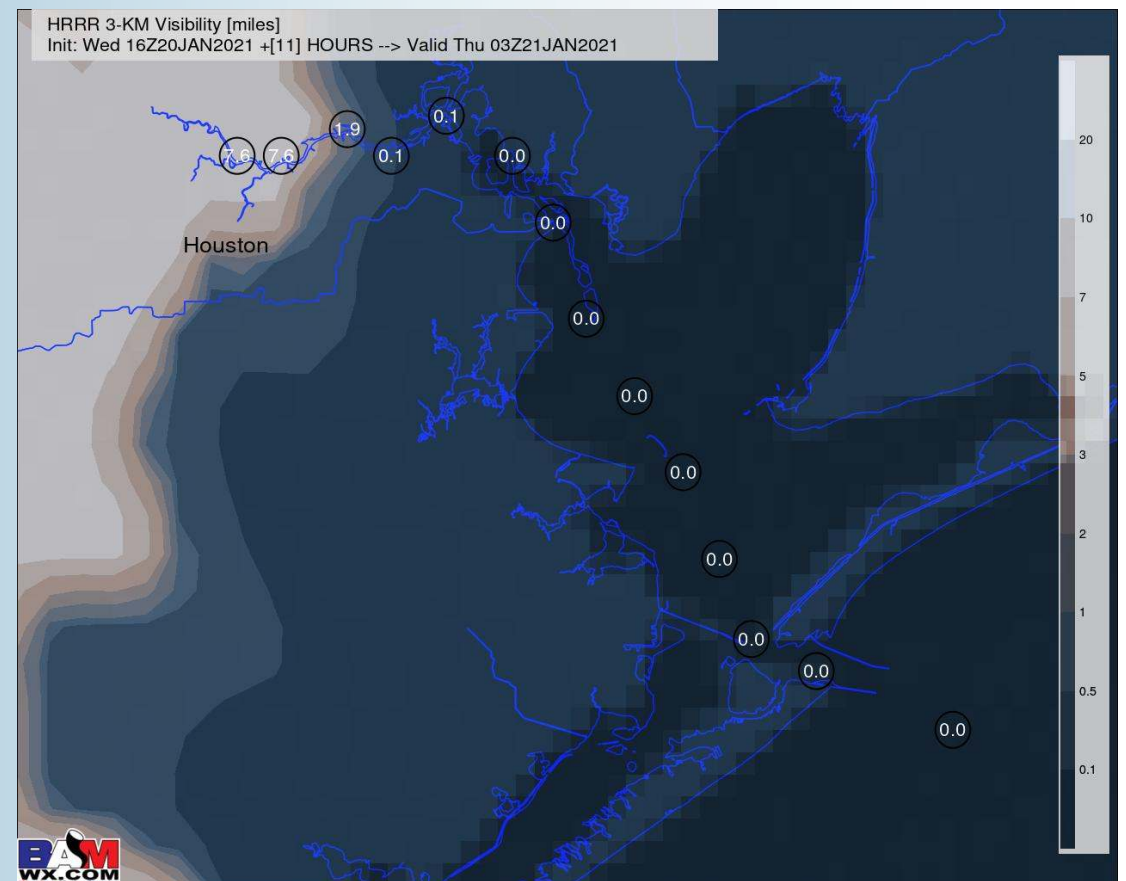
Sustained Winds (11 PM CT)



Simulated Radar Snapshot (10 PM CT)



Visibility (9 PM CT)

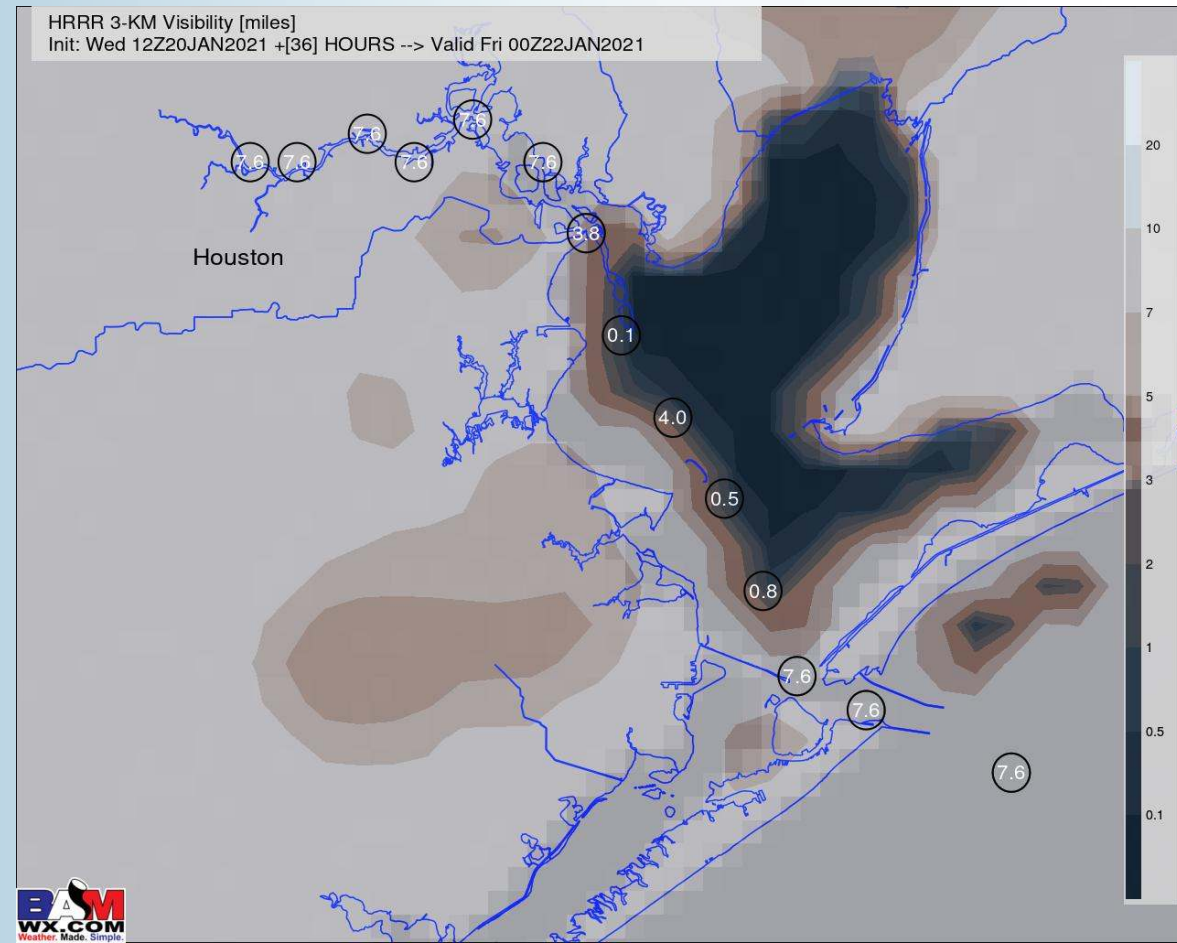
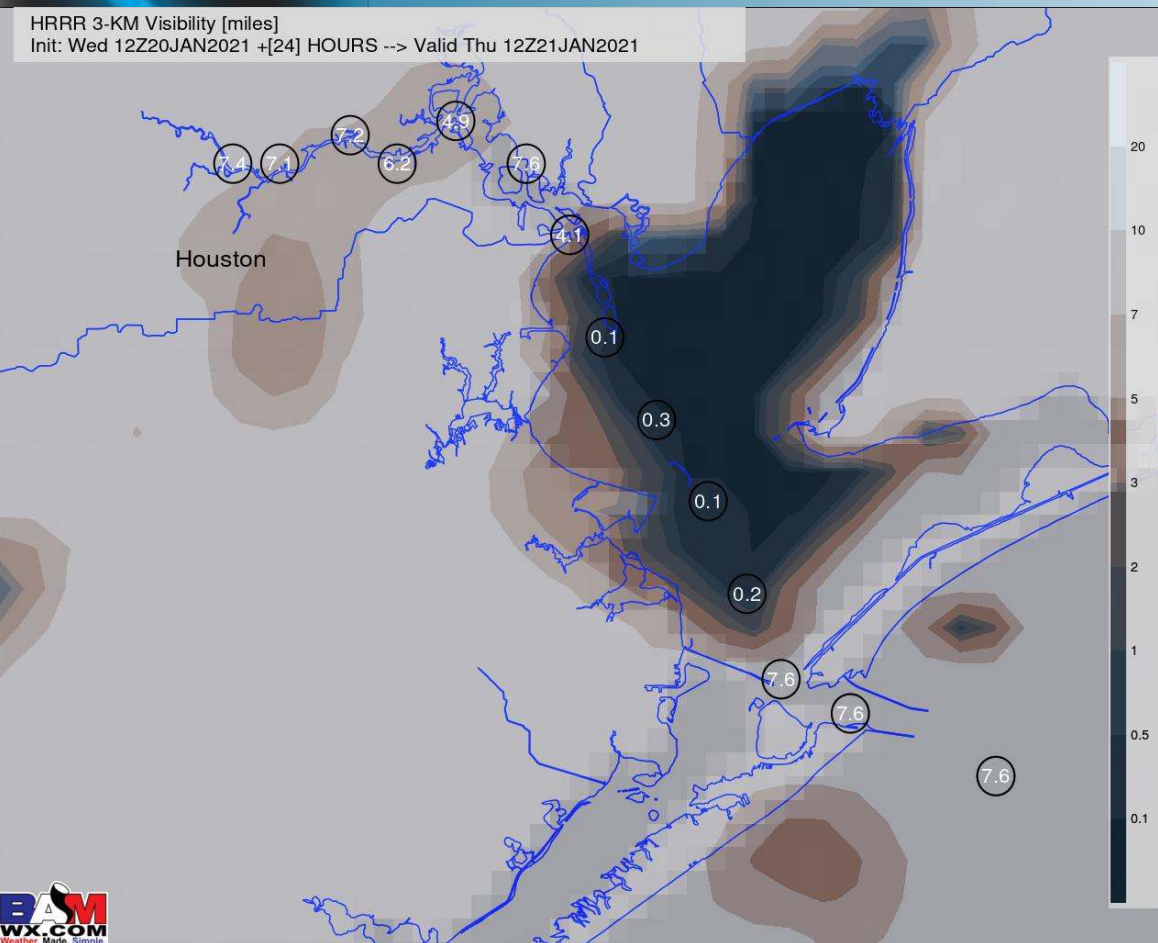


Fog Report

Thursday, January 21, 2021

VISIBILITY (6 AM CT THU) HRRR Model

VISIBILITY (6 PM CT THU) HRRR Model



CONFIDENCE

Below
Normal

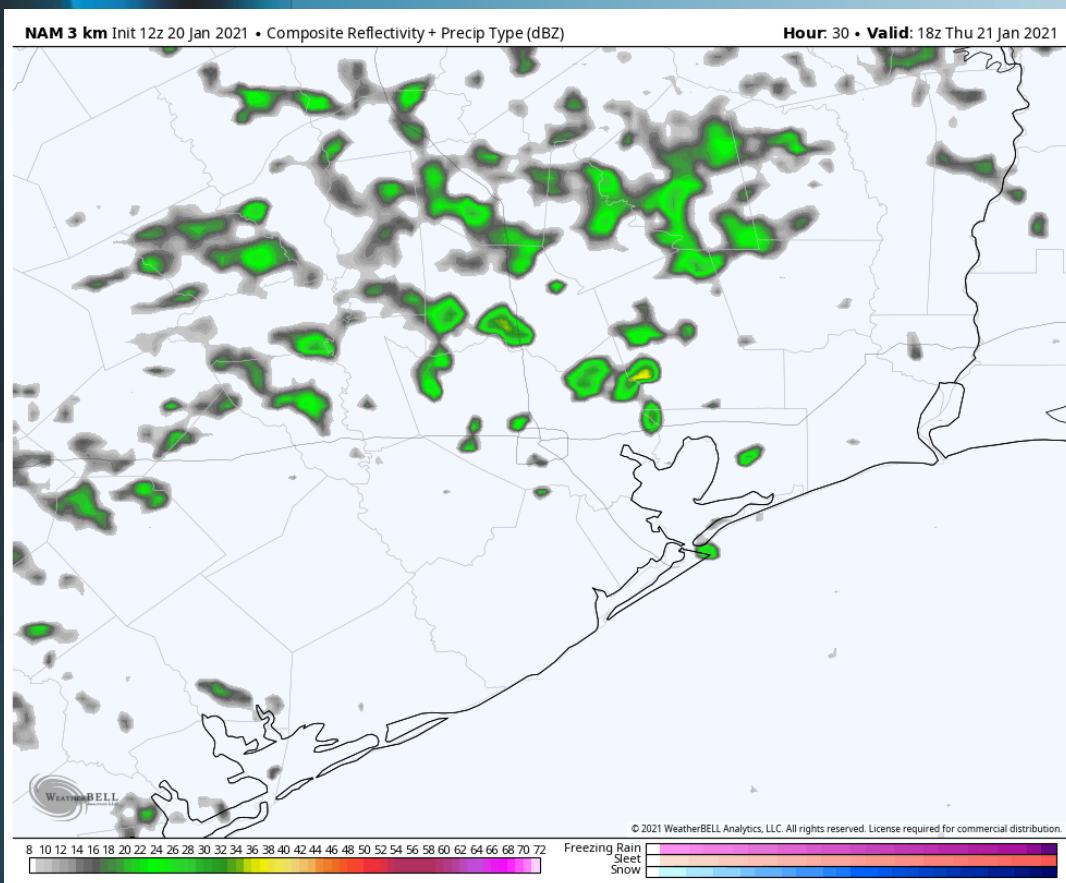
Above
Normal

- Fog once again on Thursday will be in the forecast as the overall pattern will not change much. We favor for fog from WED night to last into the morning of THU and begin to wane past the ~6AM timeframe. While dense fog into the late morning and early afternoon could lift a little, mist and haze is likely to be present and reduce visibility substantially. Into the 6PM timeframe we expect the fog to pick up in intensity.
- Fog is expected to be around Thursday evening and will hold the potential to be spread across the area into Friday morning.

Short-Term Forecast Discussion

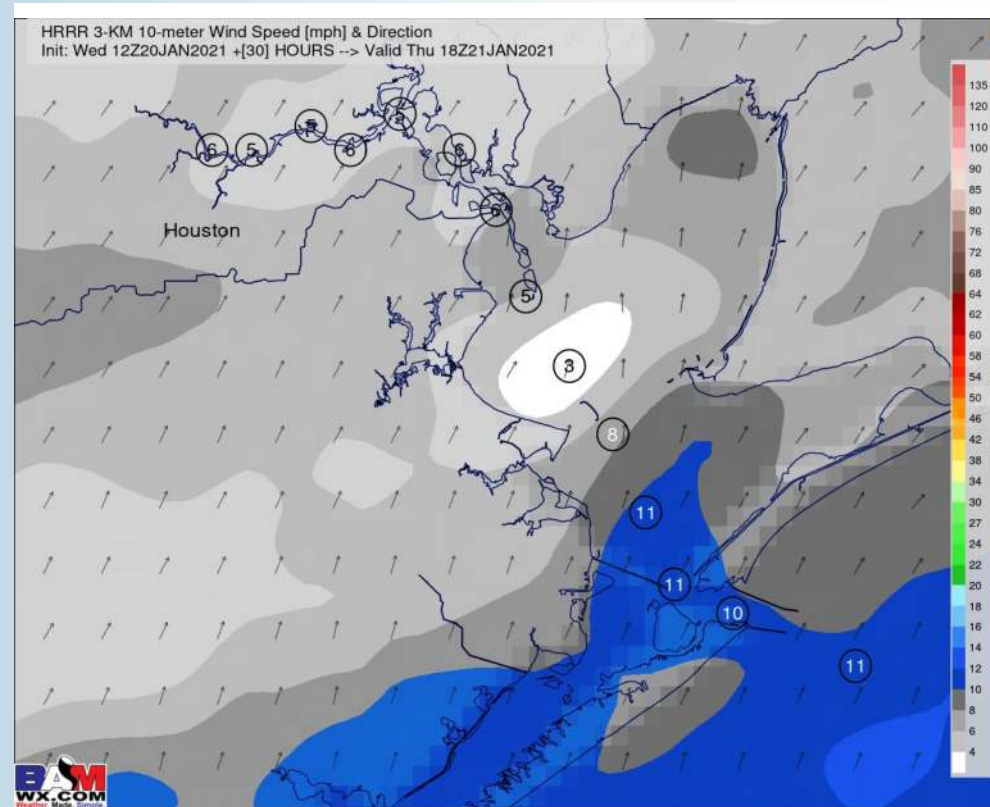
- Thursday will have some light showers work into the area around the noon timeframe. This mist looks possible into the overnight into FRI.
- Winds coming from the S will shift SW around 6-7AM with Points north of Morgan's Point being 3-8 MPH and points south 8-13 MPH.
- High temperatures for Thursday will be in the mid 60s.
- **Check slides above for info on fog.**

Simulated Radar Snapshot (12 PM CT)

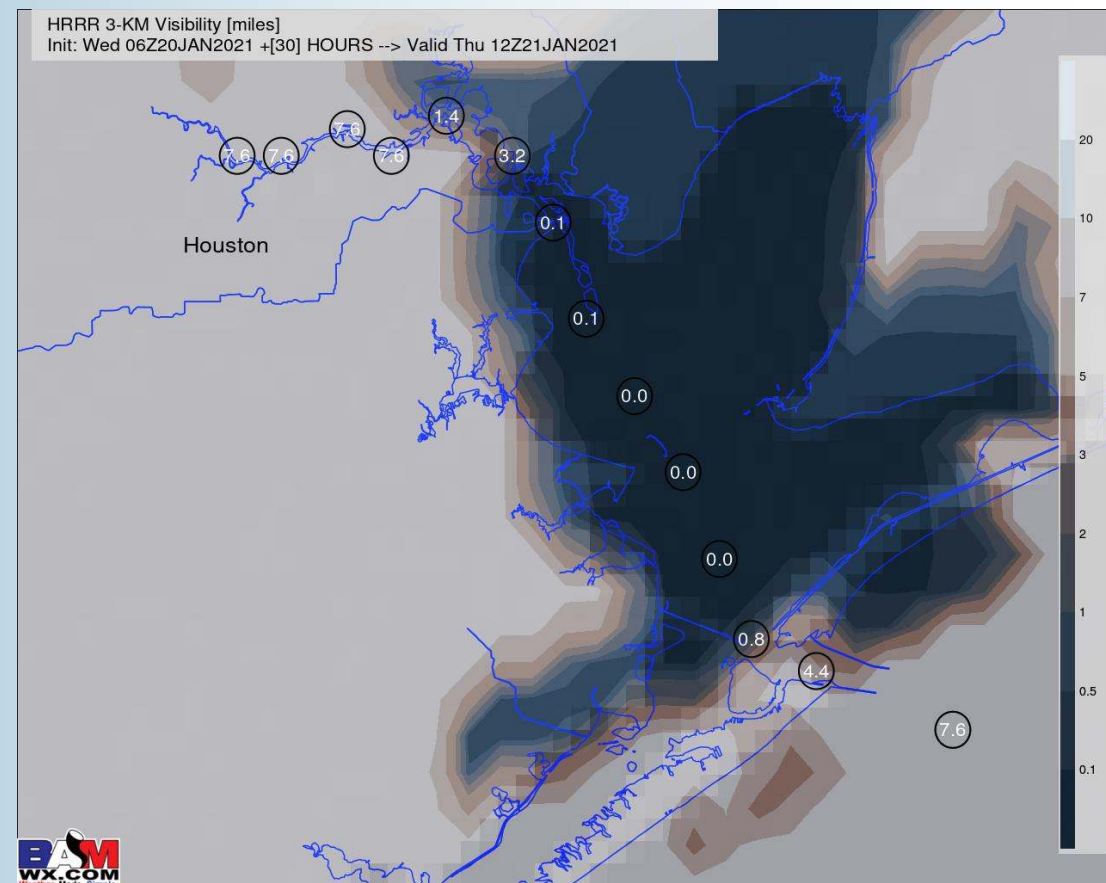


Thursday, January 21st, 2021

Sustained Winds (12 PM CT)



Visibility (6 AM CT)

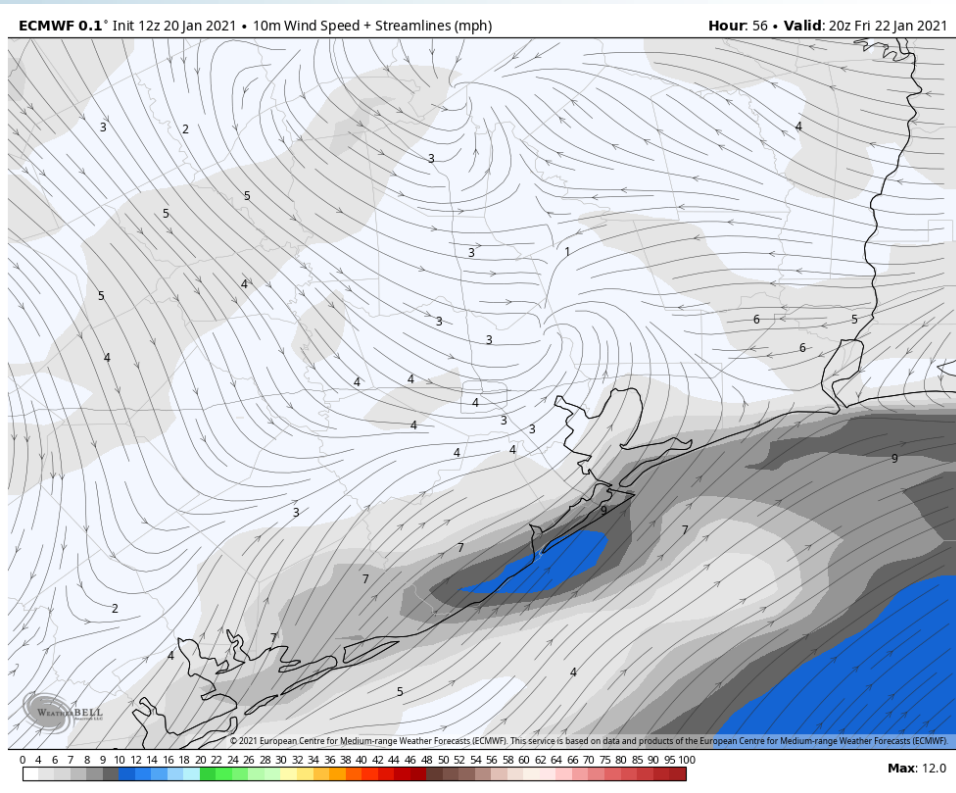


Short-Term Forecast Discussion

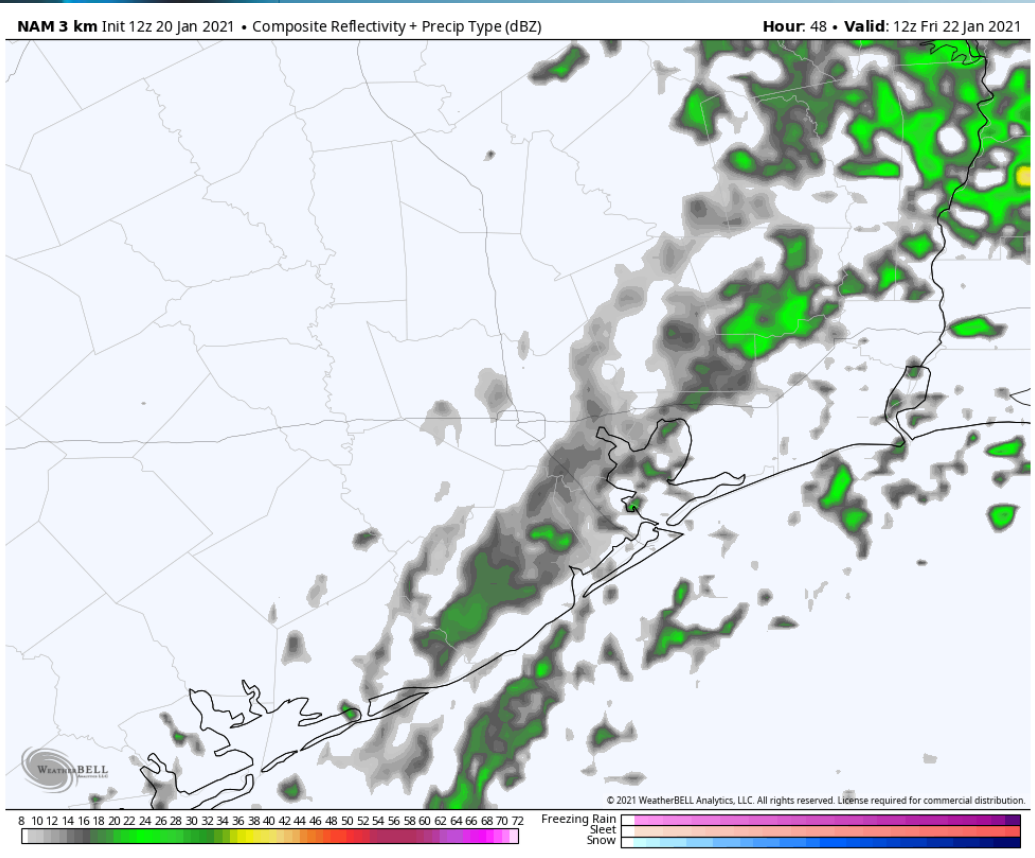
- Friday a system will move by the HOU and GLS area bringing light rain showers in the early morning hours moving out around the 5-9 AM timeframe.
- Sustained winds will be out of the SW ~10-15 MPH for stations south of Morgan's Point and 5-10 MPH for stations north. Around 12-2PM winds will be 3-8 MPH with general N direction. 8-10 PM winds will be out of NE
- High temperatures will be mid 70s along the bayou and mid 60s over open water.
- We are looking at fog from late THUR night lasting into FRI morning. Exact timing will be fine tuned closer to the event.

Friday, January 22nd, 2021

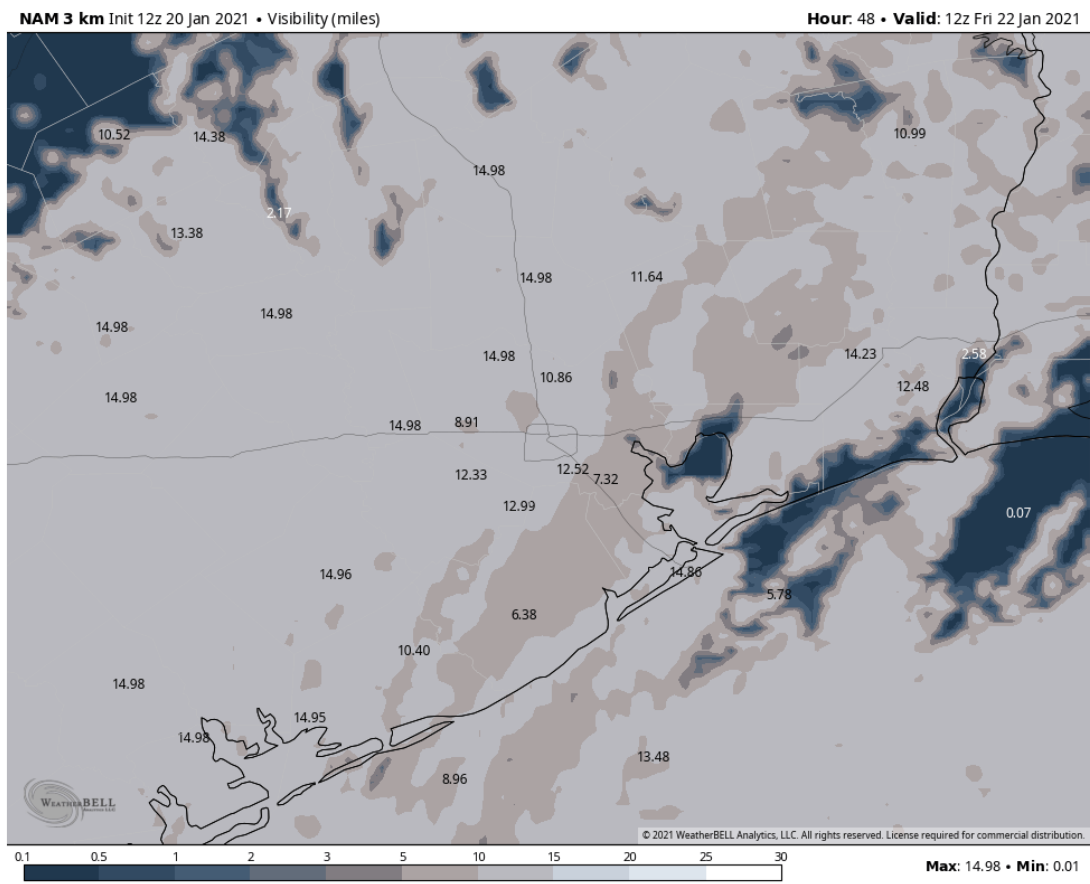
Sustained Winds (2 PM CT)



Simulated Radar Snapshot (6 AM CT)



Visibility (6 AM CT)



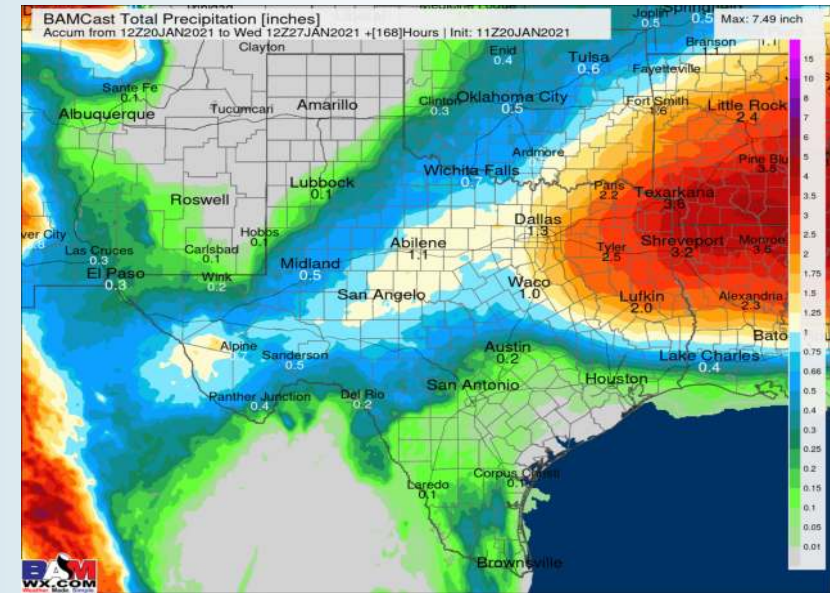
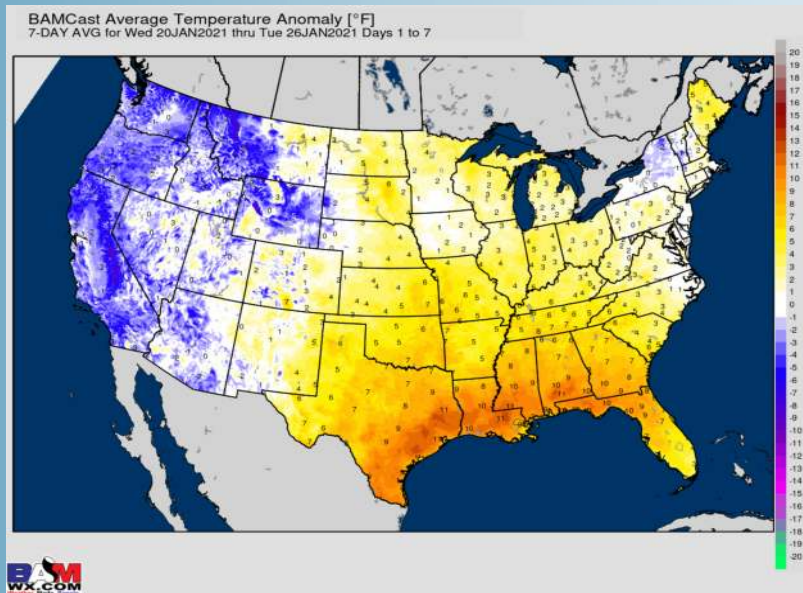
Week 1 Forecast

Long-Range Forecast Discussion

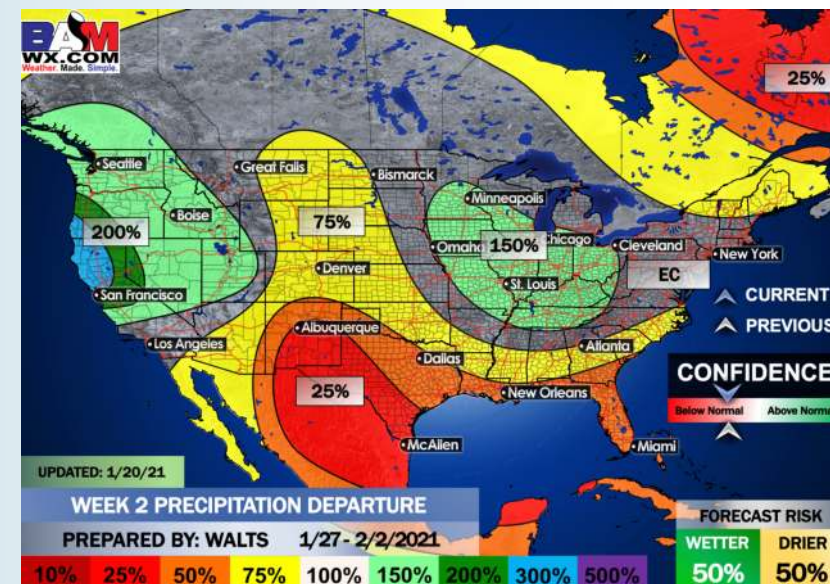
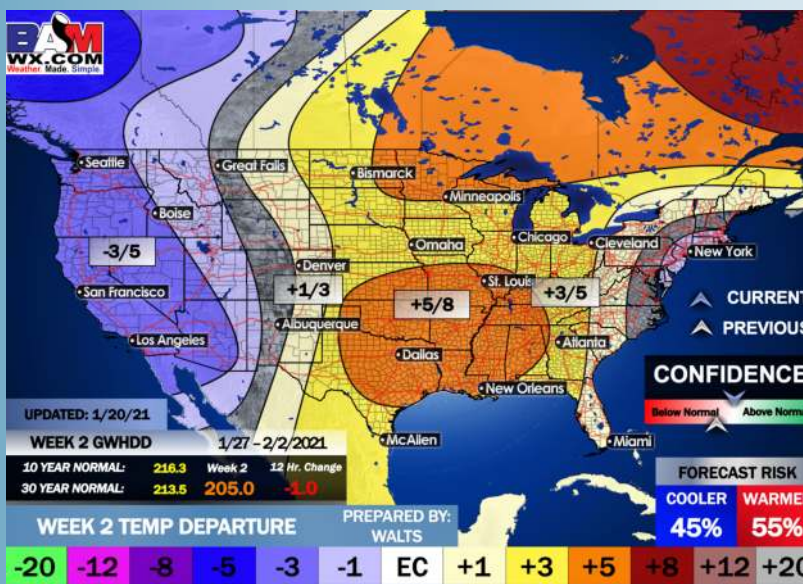
➤ Above normal temperatures in the wake of last weekend's low pressure system are anticipated for most of the week. Mostly dry conditions are anticipated this week with chances on FRI and SUN.

➤ 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

