

Updated: 3:00 AM CT Thursday, January 21, 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, January 21, 2021

HOURLY VISIBILITY BREAKDOWN (in miles)

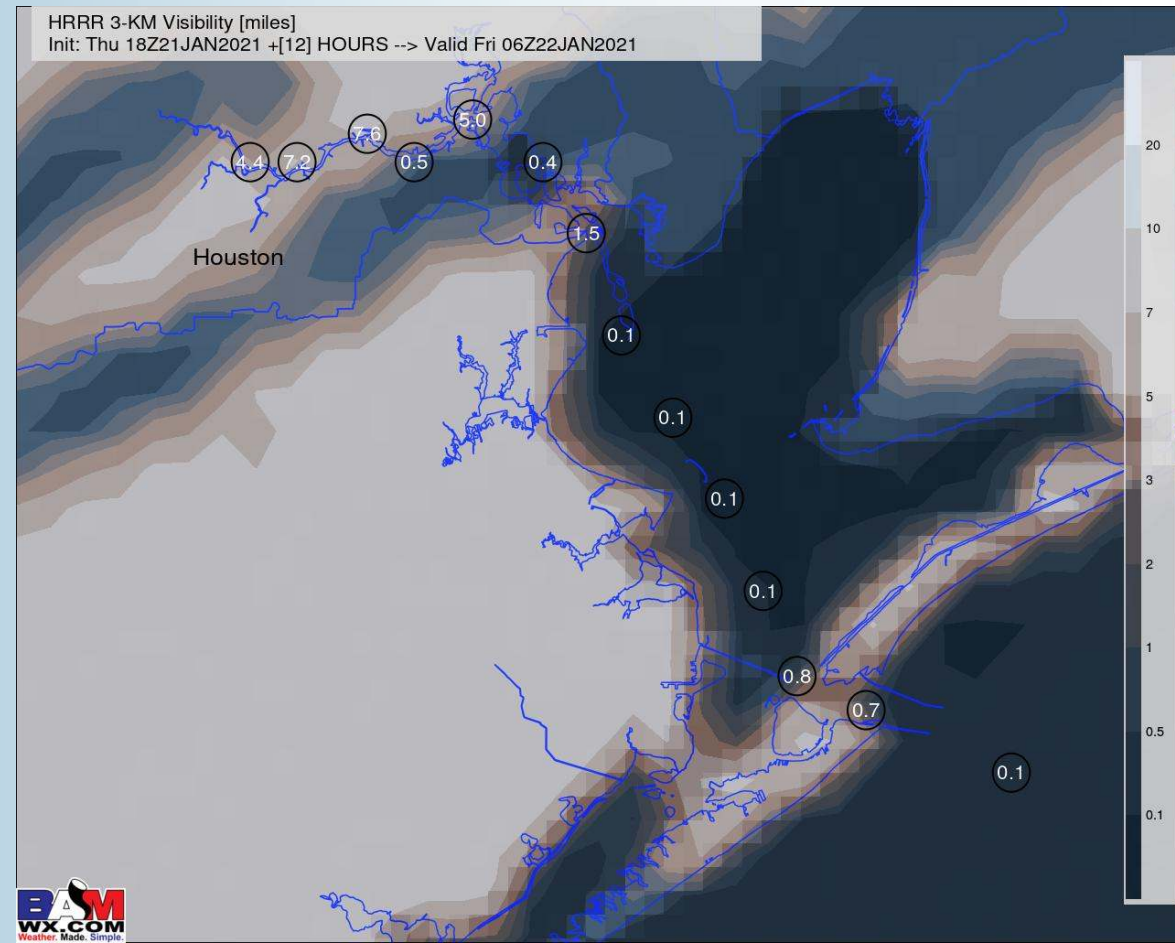
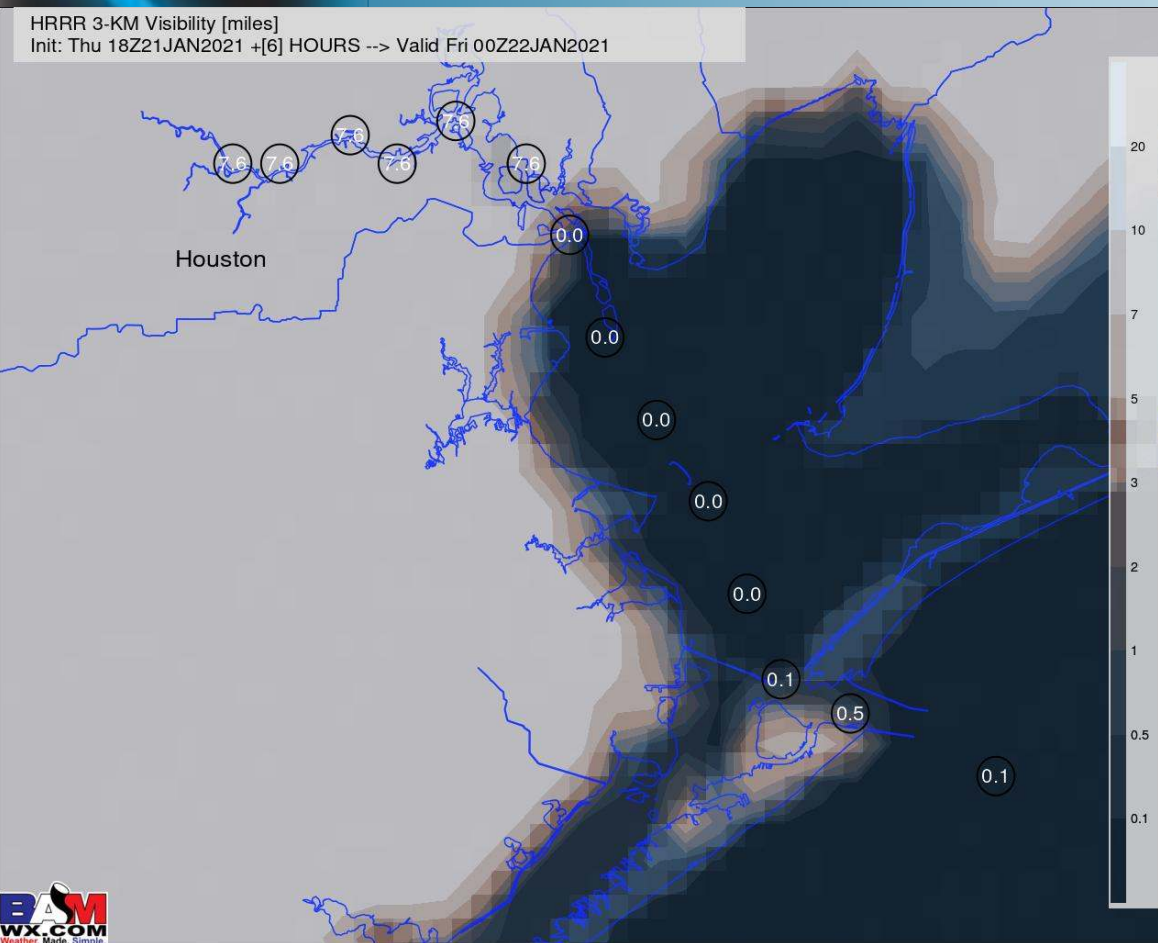
Time	01-21-2021 Thu 1pm	01-21-2021 Thu 2pm	01-21-2021 Thu 3pm	01-21-2021 Thu 4pm	01-21-2021 Thu 5pm	01-21-2021 Thu 6pm	01-21-2021 Thu 7pm	01-21-2021 Thu 8pm	01-21-2021 Thu 9pm	01-21-2021 Thu 10pm	01-21-2021 Thu 11pm	01-22-2021 Fri 12am	01-22-2021 Fri 1am	01-22-2021 Fri 2am	01-22-2021 Fri 3am	01-22-2021 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	
Houston Pilots A - 1 & 2 Bravo	2.62	0.53	1.08	1.64	1.64	0.77	0.77	0.77	0.53	0.53	0.29	0.29	0.29	0.53	0.53	0.53	0.16	0.16	0.16	0.16	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.16	0.12	0.12	0.16	0.16	0.12	0.12	
Houston Pilots B - 11/12	1.64	0.53	0.53	1.64	1.08	1.31	2.77	1.32	0.53	0.53	0.29	0.29	0.29	0.29	0.53	0.53	0.16	0.16	0.16	0.16	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.16	0.12	0.12	0.16	0.16	0.12	0.12	
Houston Pilots C - 25/26	1.64	0.53	1.55	2.61	3.95	2.77	3.95	3.10	1.12	1.02	0.29	0.29	0.29	0.29	0.53	0.53	0.98	0.98	0.98	0.98	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02	0.78	0.22	0.12	0.22	0.16	0.16	0.12	0.12
Houston Pilots D - 37/38	1.64	0.53	0.66	1.16	1.95	1.48	1.98	1.26	0.53	0.77	0.29	0.29	0.29	0.29	0.53	0.53	1.80	1.80	1.80	1.80	1.73	1.73	1.73	1.84	1.84	2.15	2.15	1.73	1.27	0.16	0.28	0.66	0.34	0.45	0.52	0.12	
Houston Pilots E - 51/52	1.95	1.74	1.58	1.62	1.52	0.56	1.75	0.71	0.53	0.77	0.29	0.29	0.29	0.29	0.53	0.53	3.98	3.98	3.98	3.98	2.06	2.06	2.06	4.13	4.13	4.13	4.13	4.02	1.64	0.16	0.30	1.38	1.33	1.12	1.16	0.12	
Houston Pilots F - 63/64	1.70	0.58	0.56	1.13	0.68	0.53	0.53	0.53	0.53	0.65	0.29	0.29	0.29	0.29	0.53	0.29	3.98	3.98	3.98	3.98	2.13	2.13	2.13	5.03	5.52	5.03	5.03	4.53	2.27	0.82	0.87	2.03	1.59	1.59	1.64	0.53	
Houston Pilots G - 75/76	3.76	0.53	0.53	1.08	1.91	0.53	0.53	0.53	0.53	0.53	0.29	0.29	0.29	0.29	0.53	0.29	4.93	4.93	4.93	4.93	4.90	4.90	4.90	6.89	6.96	6.96	6.93	4.98	4.02	3.83	3.88	2.29	2.05	2.05	2.10	1.60	
Houston Pilots H - Morgans Point	3.95	3.82	3.62	3.95	3.74	3.19	3.52	3.28	2.13	1.21	1.50	0.90	1.50	0.93	1.21	1.11	4.52	4.52	4.34	4.34	5.05	5.95	6.41	7.85	8.81	8.81	7.96	7.81	7.81	8.17	7.69	4.99	4.08	3.62	2.12	2.02	
Houston Pilots I - Exxon 3	3.95	3.95	3.95	3.95	3.95	3.95	3.95	3.95	3.95	3.95	2.91	2.91	2.91	2.91	2.91	3.20	2.94	2.94	1.99	1.88	3.94	5.93	6.89	9.03	9.78	10.00	10.00	10.00	10.00	10.00	10.00	10.00	7.63	5.89	3.90	0.52	0.28
Houston Pilots J - Lynchburg Ferries	3.30	3.07	3.34	3.95	3.95	3.95	3.95	3.95	3.95	3.95	2.91	2.91	2.91	2.91	2.91	2.91	4.28	4.28	3.58	3.58	5.01	6.47	8.05	9.03	9.80	9.80	9.80	9.52	9.52	9.56	9.52	7.42	5.91	4.44	1.96	1.79	
Houston Pilots K - Shell Crude	3.16	2.91	3.16	3.70	3.95	3.95	3.95	3.95	3.95	3.95	2.91	2.91	2.91	2.91	2.91	3.95	2.94	2.94	1.99	1.99	3.94	5.93	7.92	9.03	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	7.92	5.89	3.90	0.52	0.28
Houston Pilots L - Greens Bayou	2.91	2.91	2.91	3.18	3.62	3.95	3.95	3.95	3.95	3.95	2.91	2.91	2.91	2.91	2.91	3.95	2.94	2.94	1.99	1.99	3.94	5.93	7.92	9.03	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	7.92	5.89	3.90	0.52	0.28
Houston Pilots M - Kinder 1	2.87	2.87	2.91	2.91	2.91	3.95	3.95	2.91	3.95	3.83	2.91	2.91	2.91	2.91	2.91	3.95	2.94	2.94	1.99	1.99	3.94	6.04	7.92	9.03	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	8.66	5.89	3.90	0.52	0.28
Houston Pilots N - 610 Bridge	2.52	2.52	2.91	2.91	2.91	3.95	3.95	2.91	3.95	3.30	2.91	2.91	2.91	2.91	2.91	3.95	2.94	2.94	2.17	1.99	3.94	6.89	7.92	9.03	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	9.03	5.89	3.90	0.52	0.28

Fog Report

Thursday, January 21, 2021

VISIBILITY (6 PM CT THU) HRRR Model

VISIBILITY (12 AM CT FRI) HRRR Model



CONFIDENCE

Below
Normal

Above
Normal

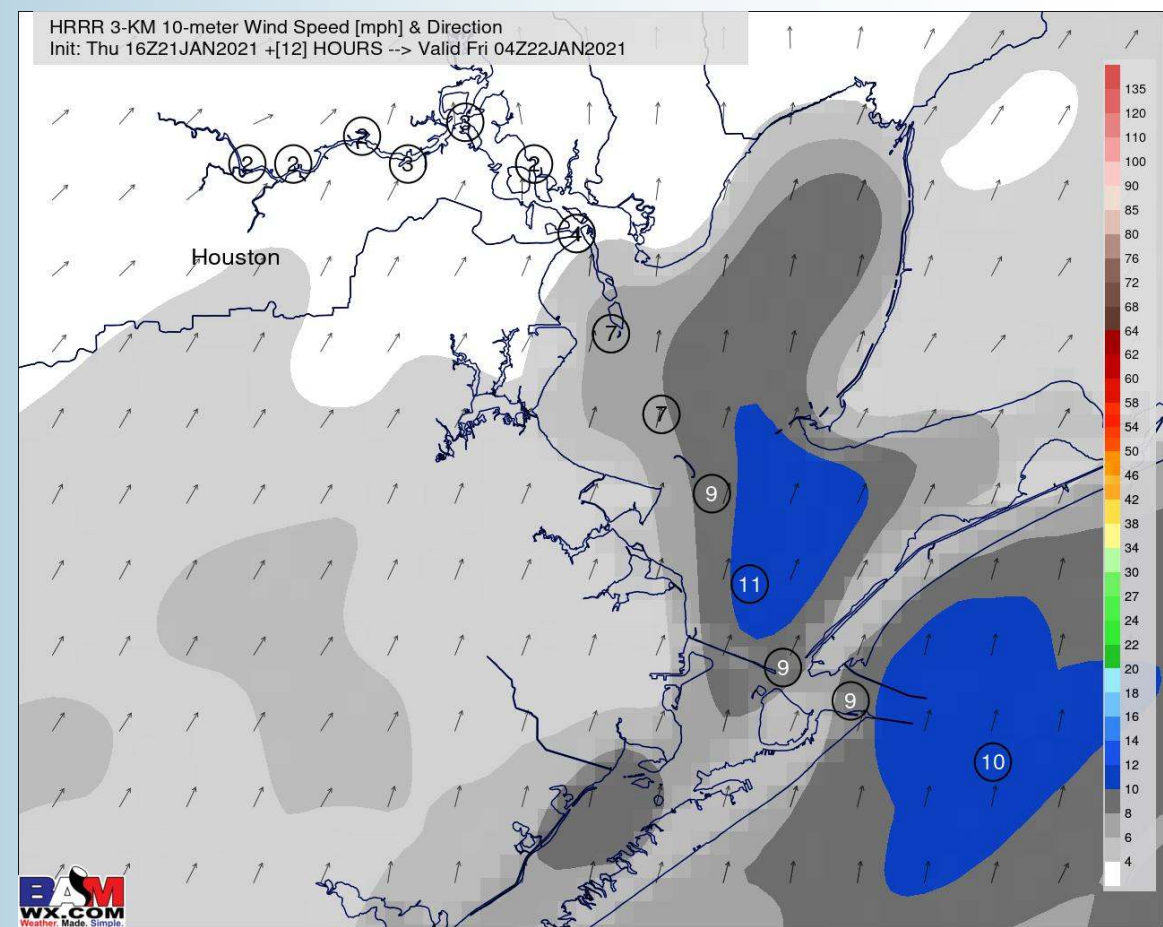
- Confidence is high in is in the reduction of visibility/ fog being present but confidence is down due to exact timing with model variance and not matching with current conditions. Mist/ haze will continue through the afternoon. As we work later into the evening ~5-7PM fog will begin to reestablish itself as we work into the morning. As the front passes tomorrow early tomorrow morning and winds shift to be more northerly we could see fog lift around 10AM. Into the evening fog will reestablish itself into Saturday.
- The greatest risk for fog/ haze will be for stations south of Exxon Station I but stations to its north may have patchy isolated fog..

Short-Term Forecast Discussion

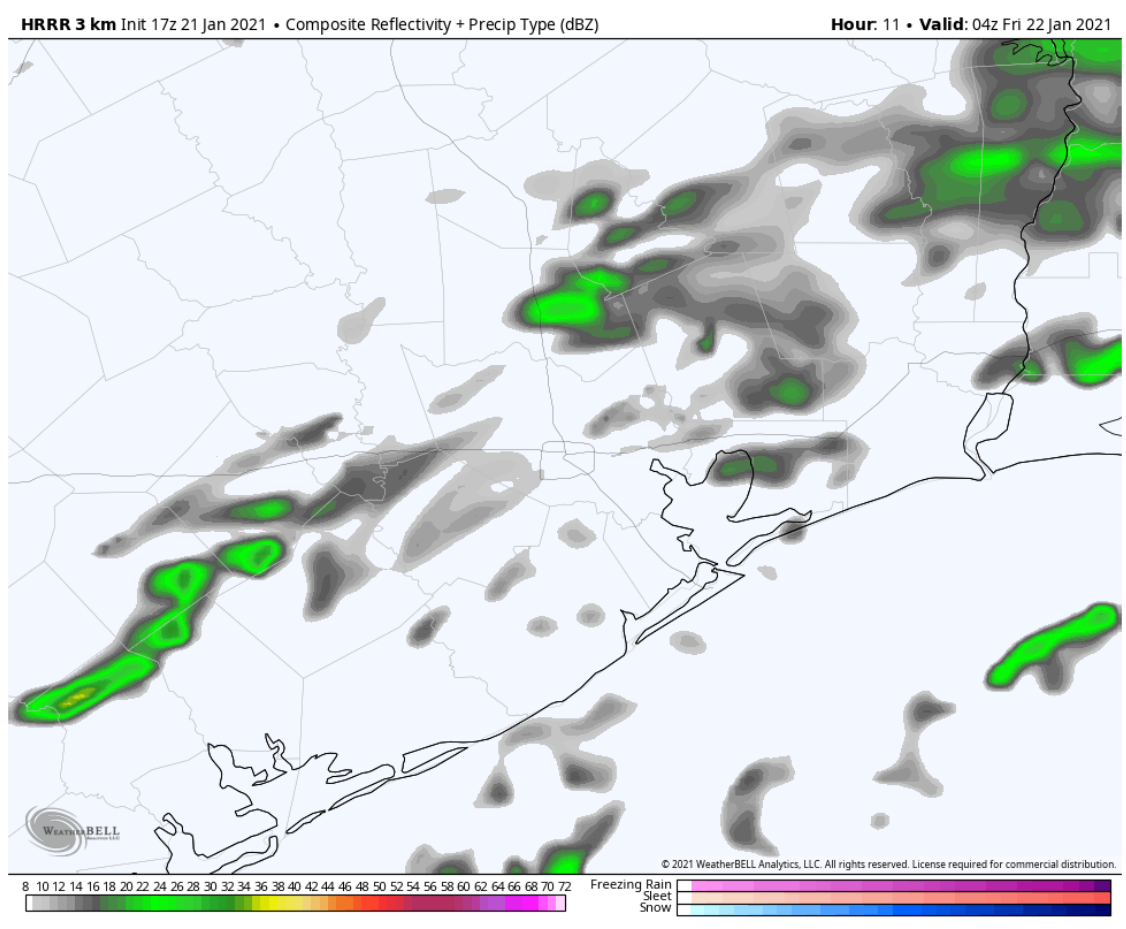
- Today will have some light showers in the area with the bulk moving out around the 7-9PM timeframe. Isolated sprinkles are possible into the overnight into FRI.
- Winds will be SW with Points north of Morgan's Point being 3-8 MPH and points south 8-13 MPH.
- Low temperatures tonight will be in the low 60s.
- Check slides above for info on fog. Fog is likely to persist throughout the day

Thursday, January 21st, 2021

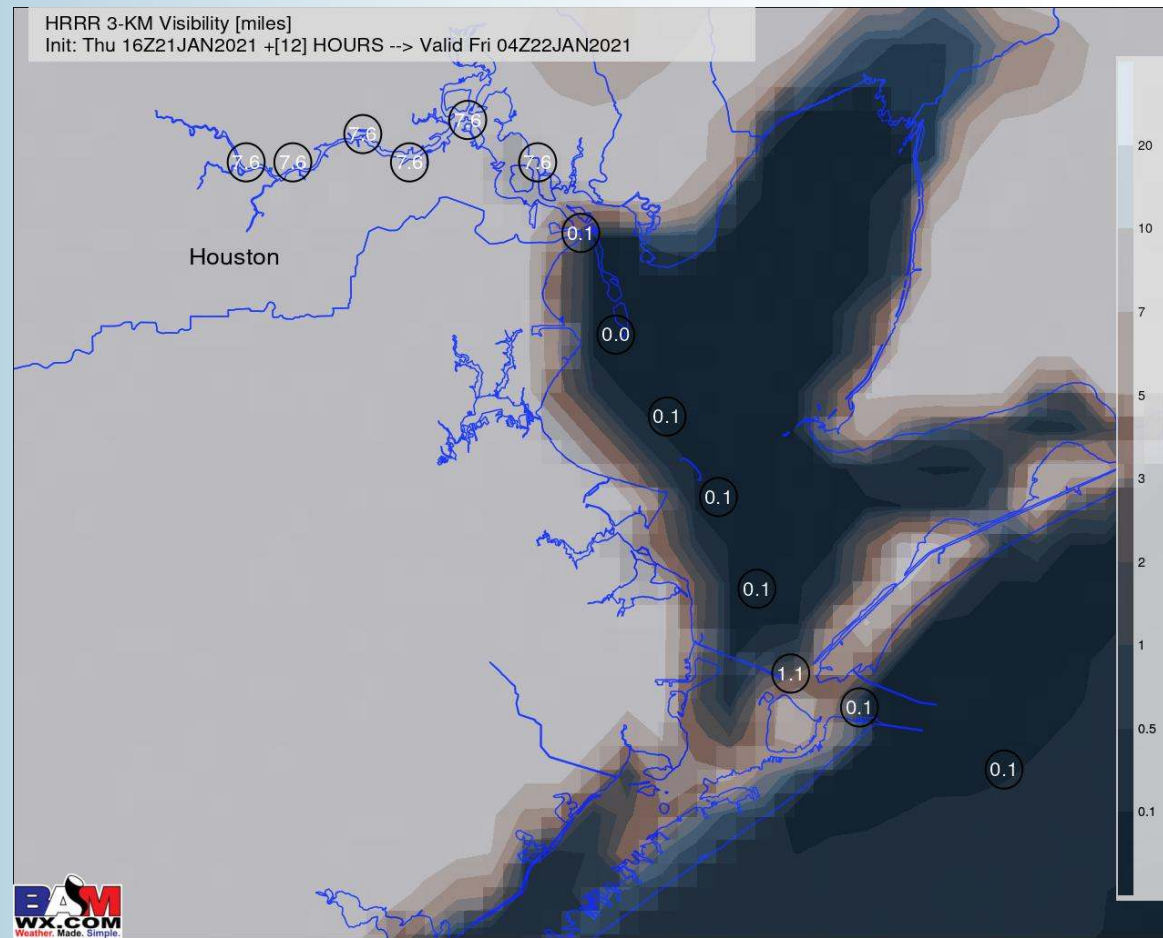
Sustained Winds (10 PM CT)



Simulated Radar Snapshot (10 PM CT)



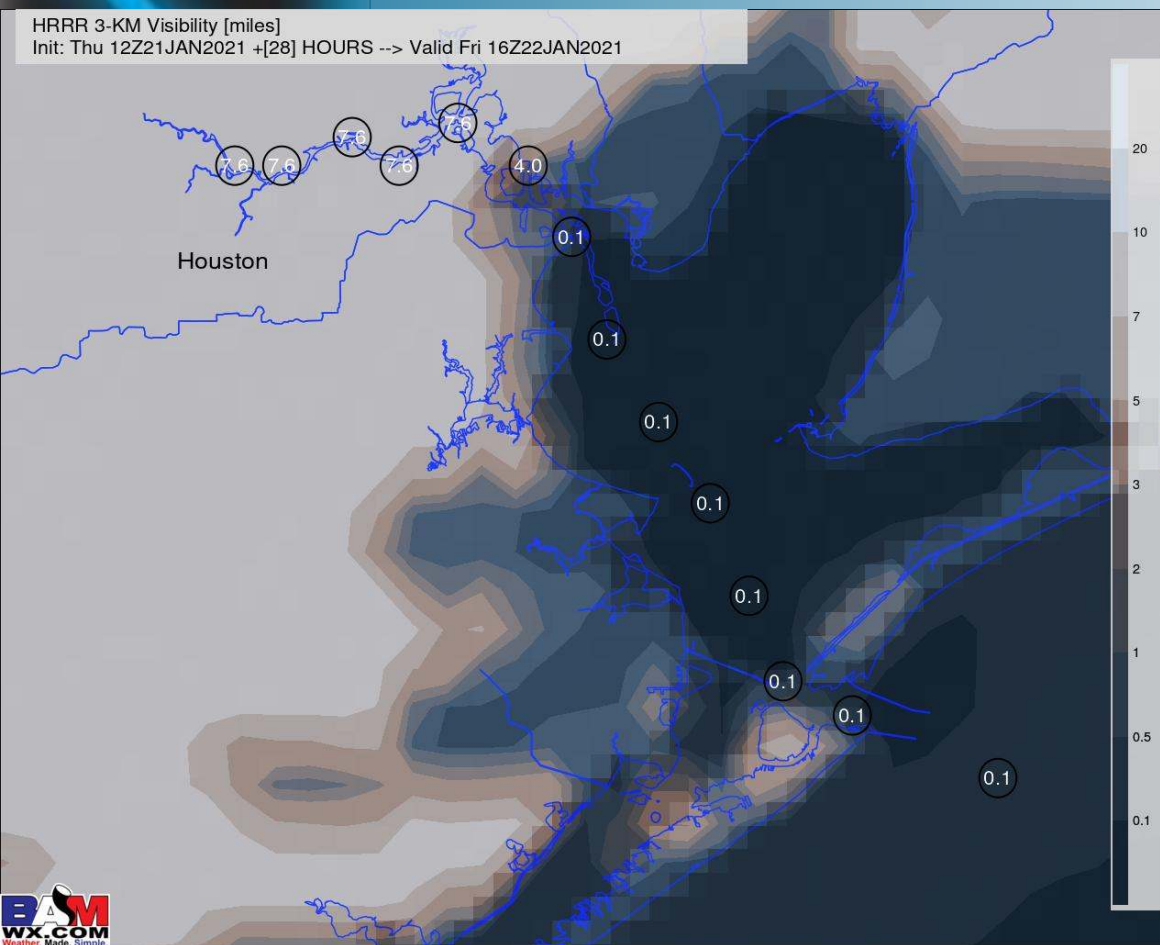
Visibility (9 AM CT)



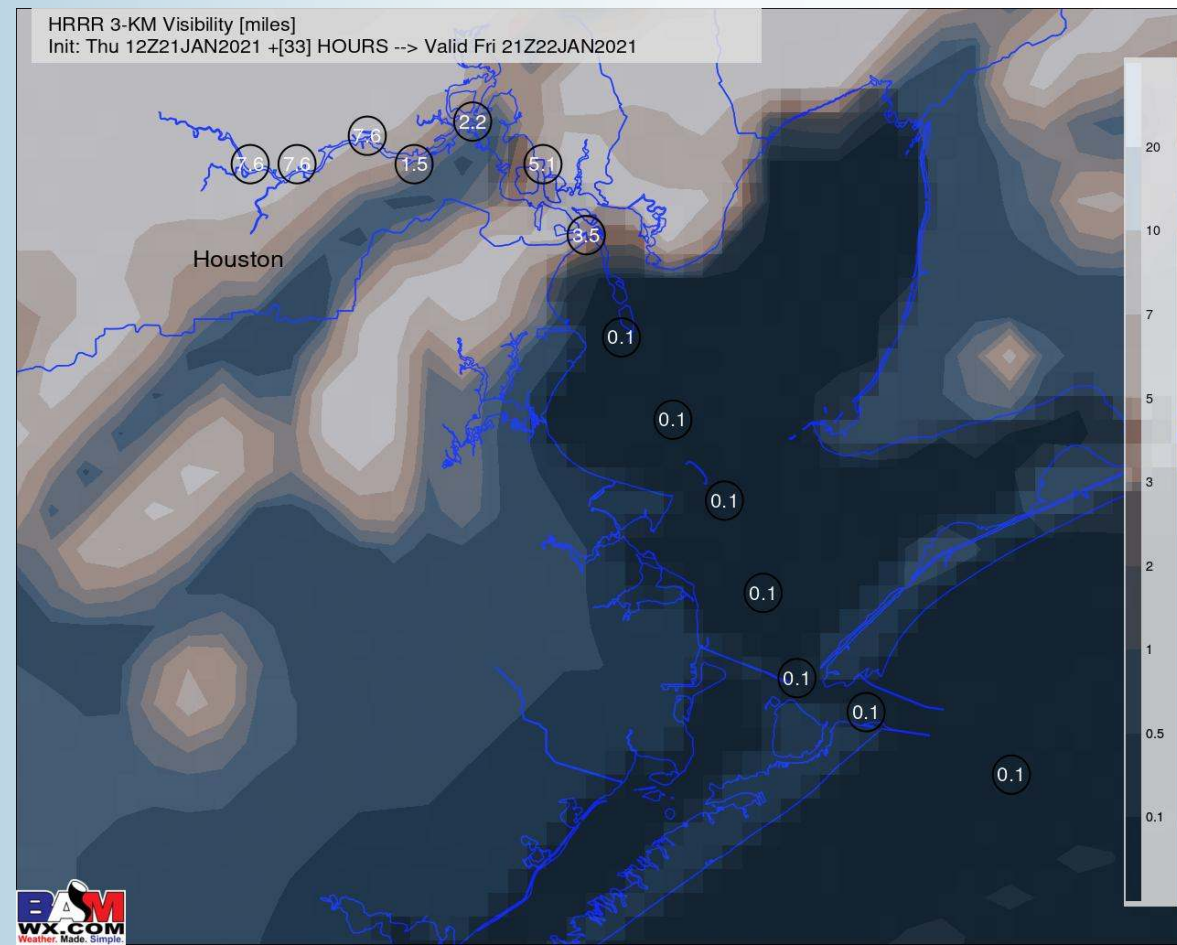
Fog Report

Friday, January 22, 2021

VISIBILITY (10 AM CT FRI) HRRR Model



VISIBILITY (3 PM CT FRI) HRRR Model



CONFIDENCE

**Below
Normal**

**Above
Normal**

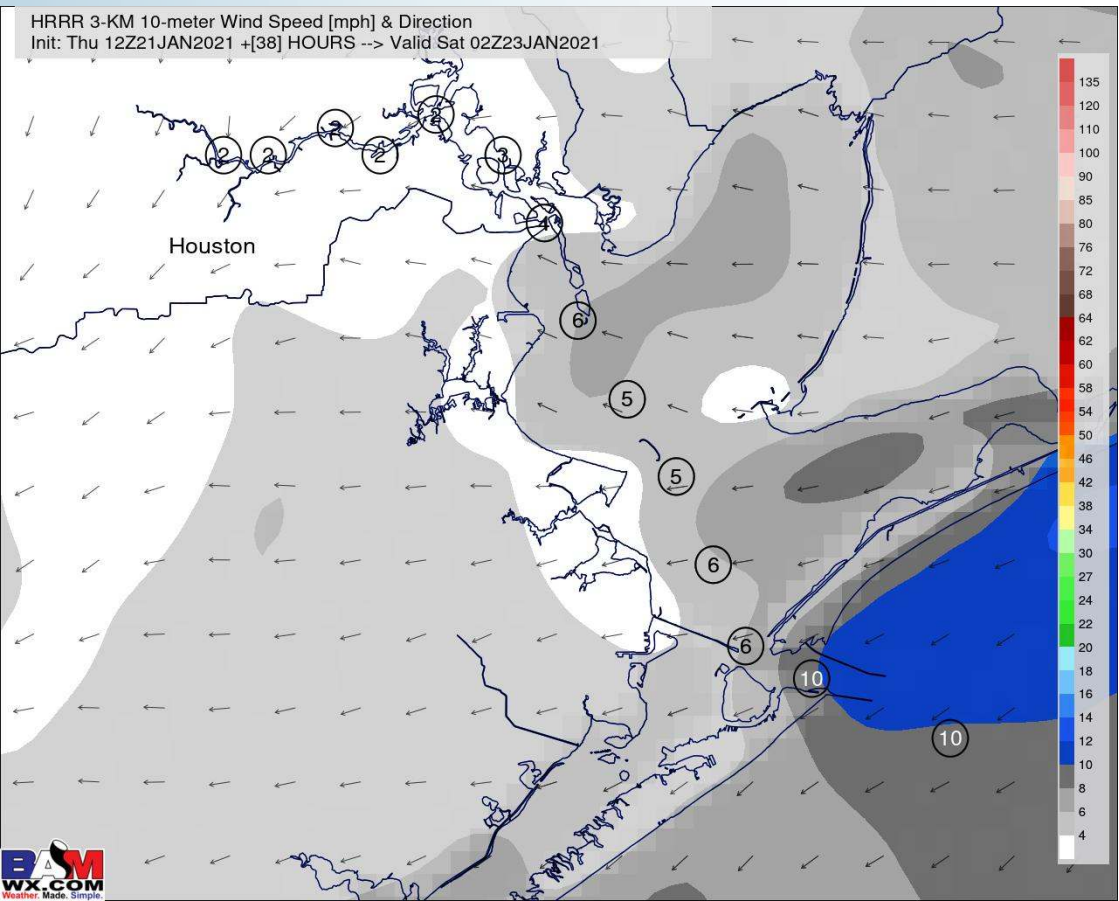
- Once again, confidence is high that fog will be present but the timing of changes in fog conditions is where confidence is low. Fog Thursday night will linger into Friday morning as we favor patchy fog to be around the area out through at least the ~9-10 AM timeframe. The best potential period for improved visibility will come ~10 AM into the early afternoon hours ~1-3 PM for stations north .
- Into the evening and nighttime hours Friday night, winds will have a bit more of a northerly flow so while fog will still be favored for locations south of Morgan's Point, if we back off the fog potential in the coming reports the wind direction would likely be the reason why. North of Morgan's Point iso patchy fog cannot be ruled out but is not currently favorable.

Short-Term Forecast Discussion

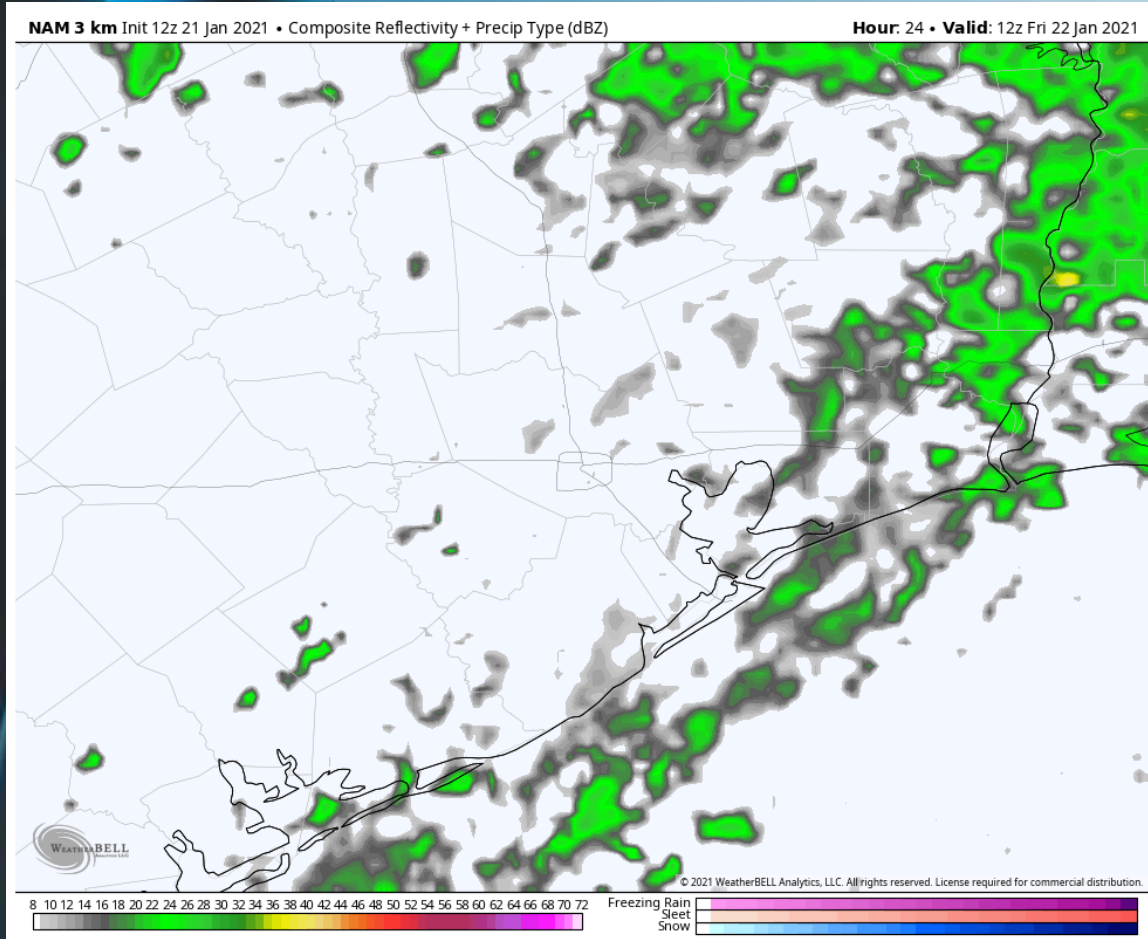
- Today's system will continue to bring light rain showers in the morning moving out around the 10AM timeframe with isolated sprinkles through the day.
- Sustained winds will be out of the SW ~3-8 MPH for stations all stations. Around 7-9PM winds will be 8-13 MPH south of Morgan's point with general E direction. 9-11 PM winds will be out of NE
- High temperatures will be in the mid 60s.
- **Check slide above for fog info.**

Friday, January 22nd, 2021

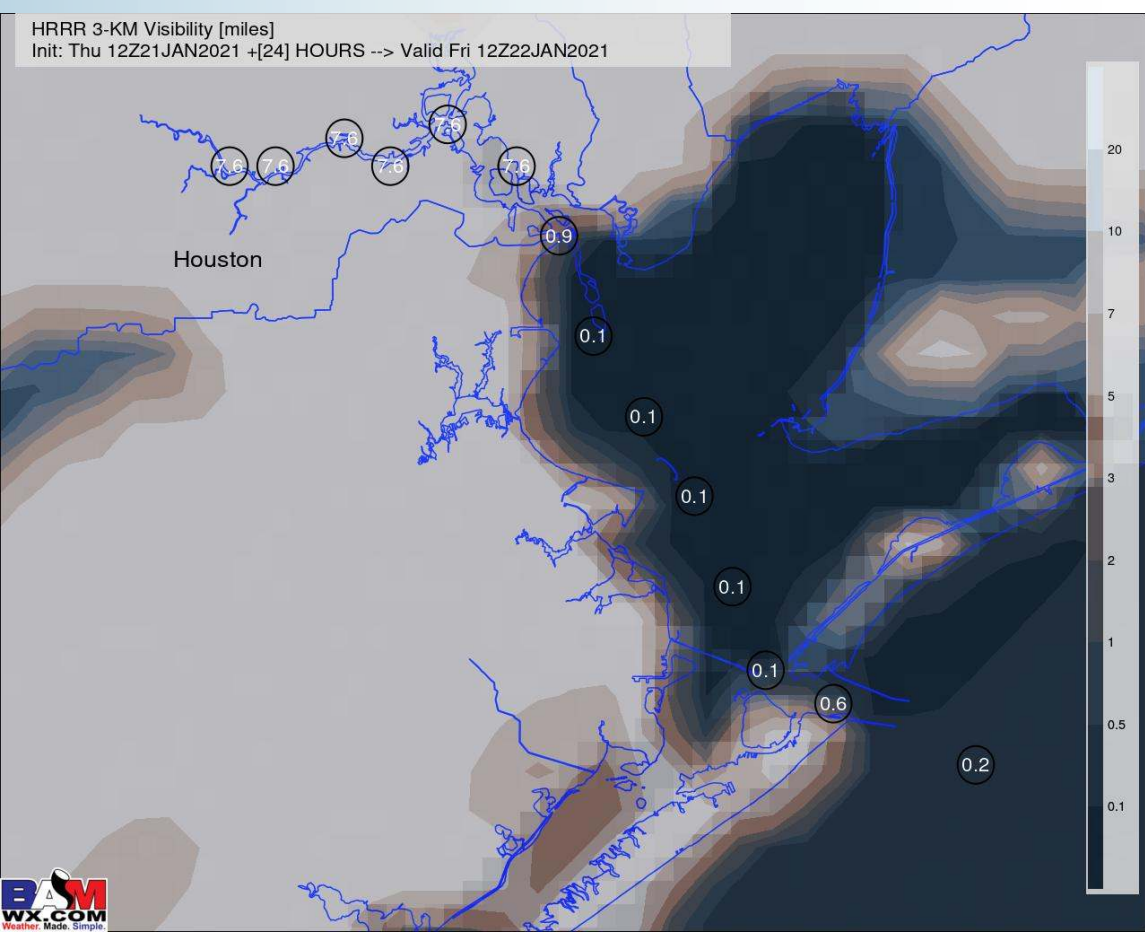
Sustained Winds (5 PM CT)



Simulated Radar Snapshot (6 AM CT)



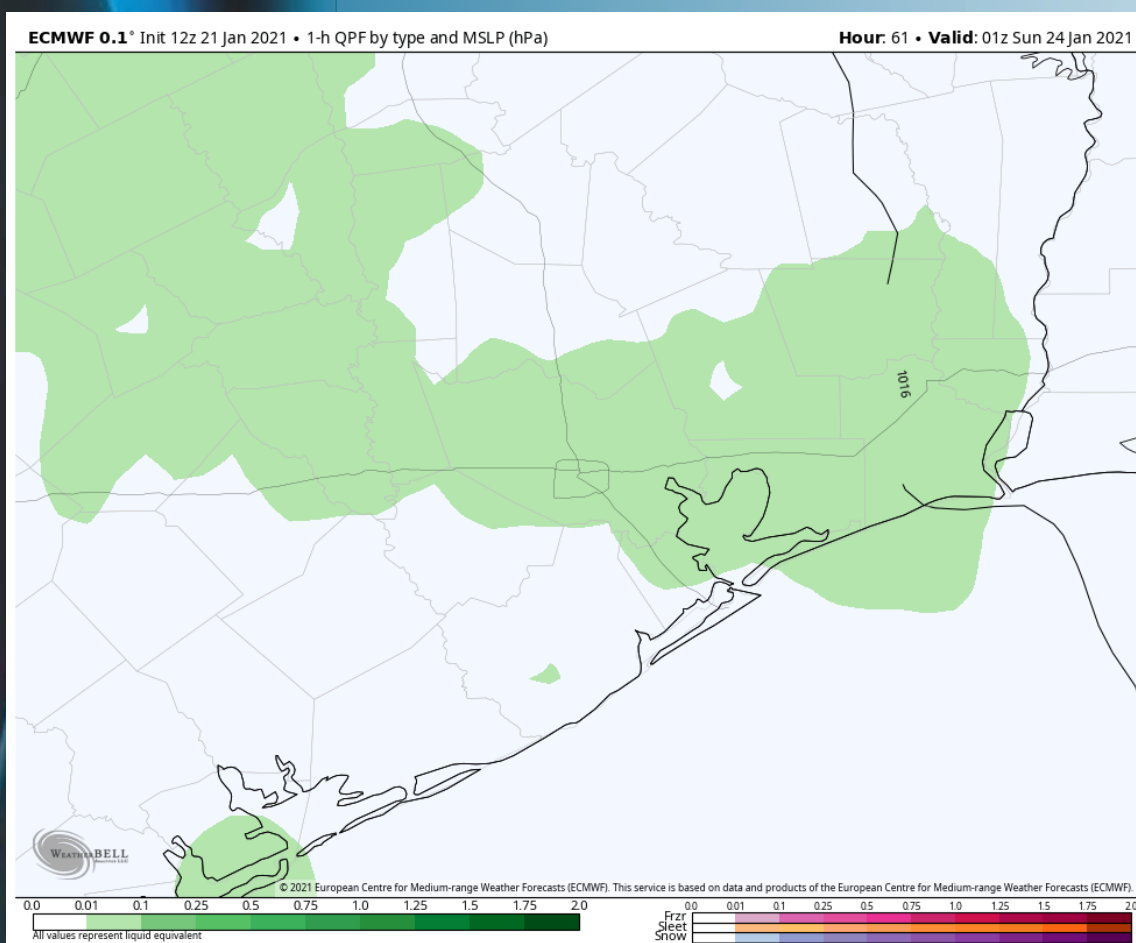
Visibility (6 AM CT)



Short-Term Forecast Discussion

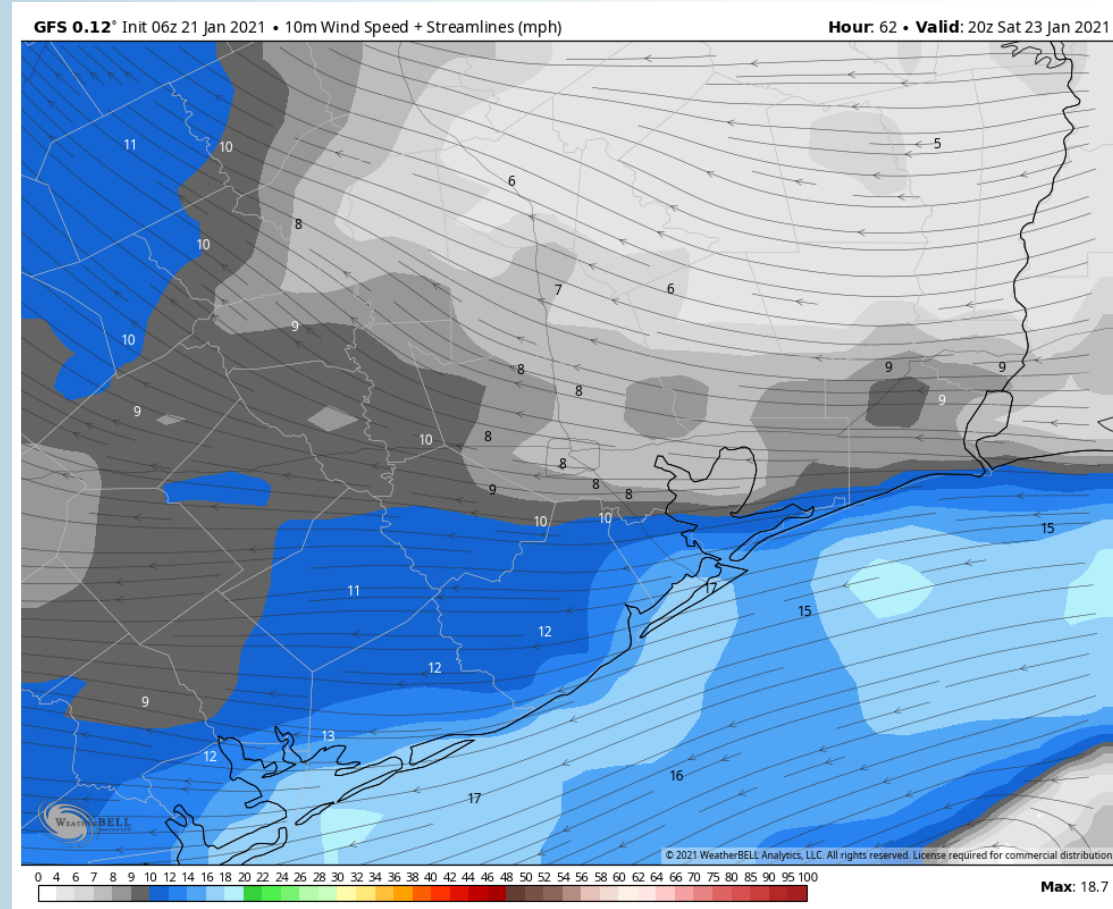
- Into Saturday some sprinkles will persist and have the possibility of an isolated t-storm into the late evening around 8-11PM and into SUN.
- Winds will be out of the E/NE with Morgan's point and points south will be at 10-15 MPH while points north will be at 5-10 MPH. Around 10AM-12 PM winds will shift E. Around 5-8 PM sustained winds will shift SE.
- High temperature will be in the low 60s
- We are looking at fog lasting from FRI into SAT afternoon. Details will be fine tuned closer to the event

Simulated Radar Snapshot (10 PM CT)

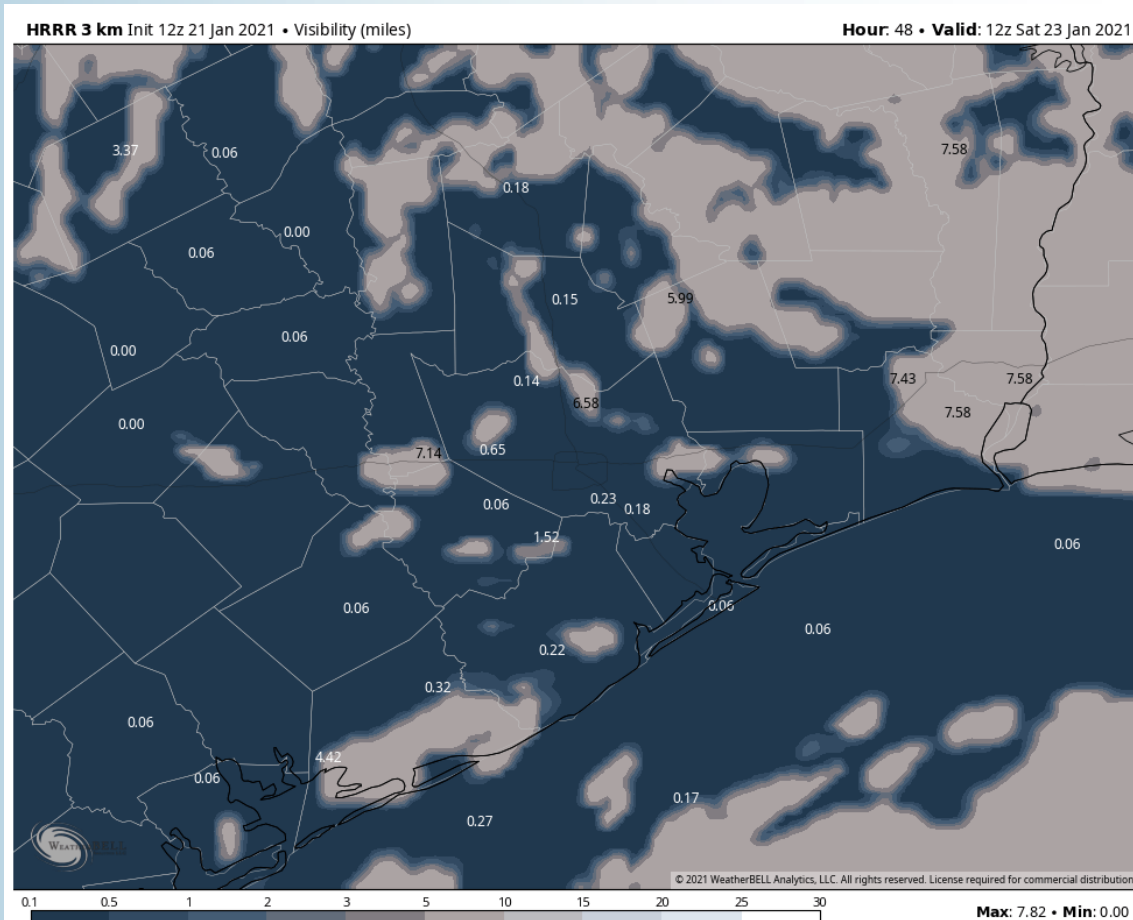


Saturday, January 23rd, 2021

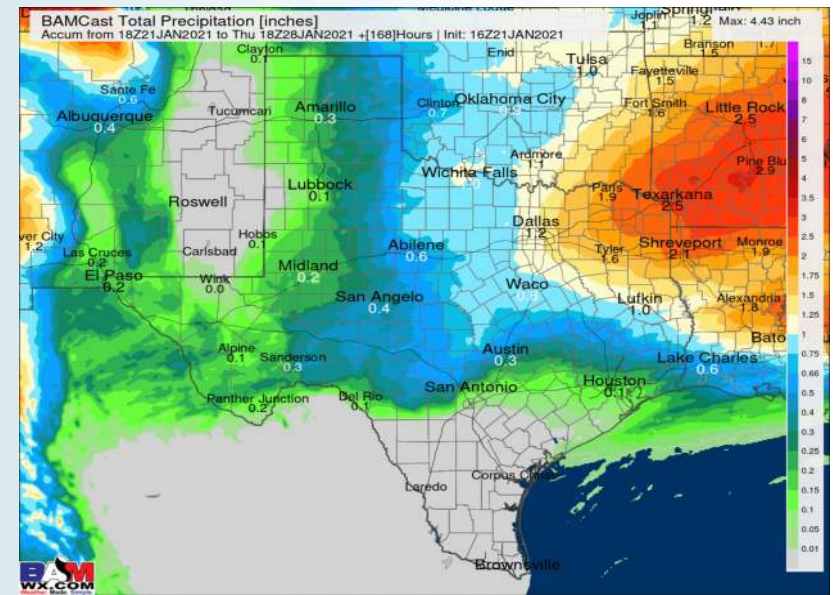
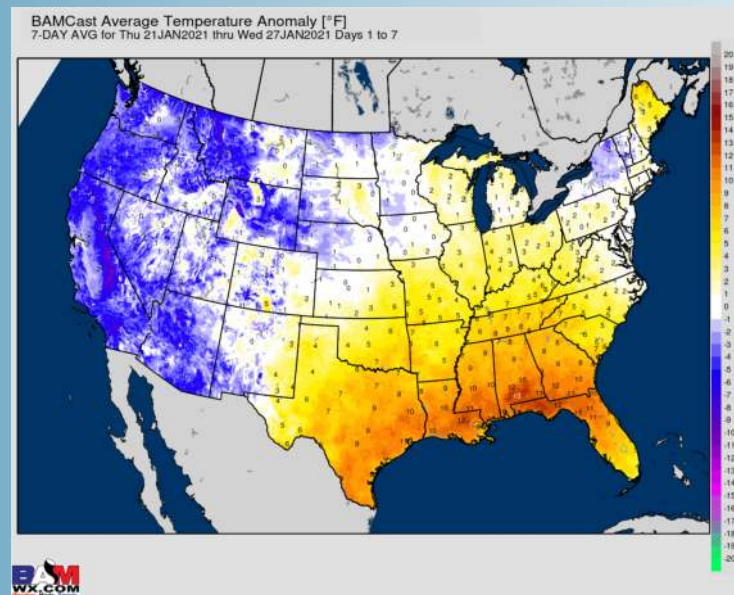
Sustained Winds (2 PM CT)



Visibility (6 AM CT)



Week 1 Forecast



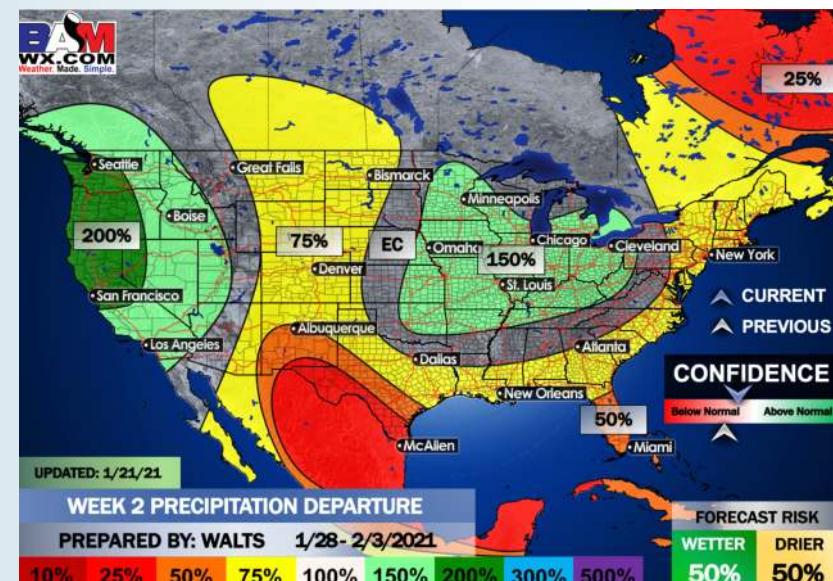
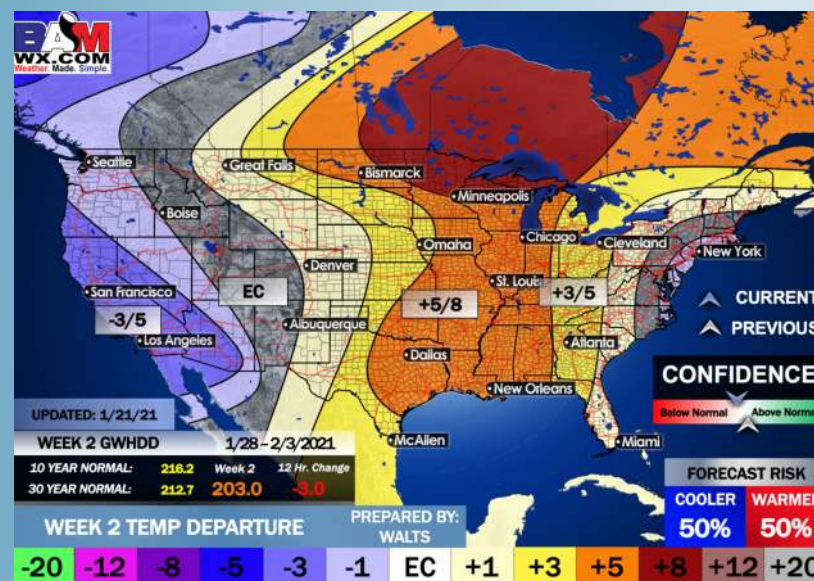
Long-Range Forecast Discussion

➤ 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 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

