

Houston Pilots Forecast Package



Updated: 5:00 AM CT

Thursday, February 23, 2023

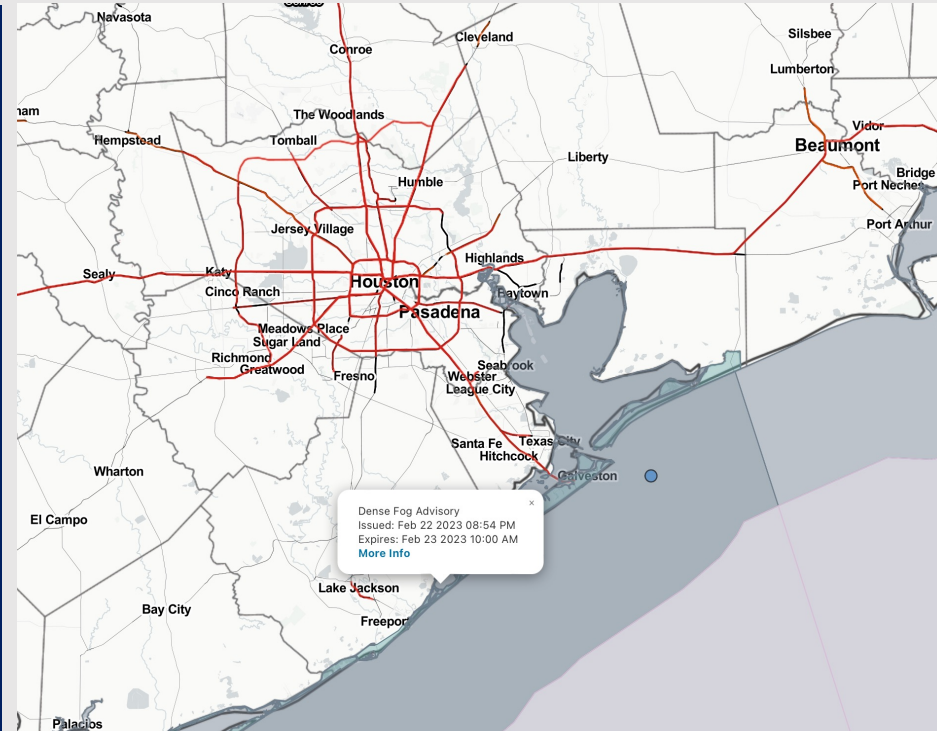
Forecaster: Alyssa McClung

Weather Headlines

➤ **Sea fog expected to increase in coverage with visibilities reduced to less than 1 mile. Fog will likely continue across stations over the next couple days with coverage alternating between patchy and widespread.**

➤ **Isolated shower chances on the order of <20% are expected through at least mid-week. This looks like a rather low-end risk.**

➤ **Winds will continue primarily out of the south (with variations to SW) over the coming days. A weak front tries to work in later today, but likely struggles to change wind direction.**



Radar/NWS Alerts: 5:00 AM CT



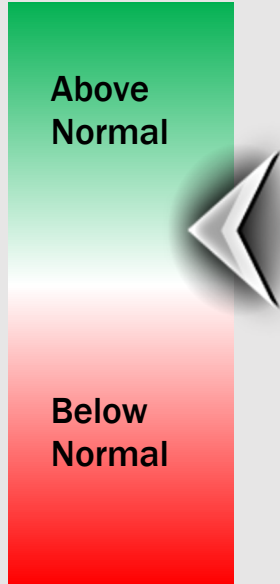
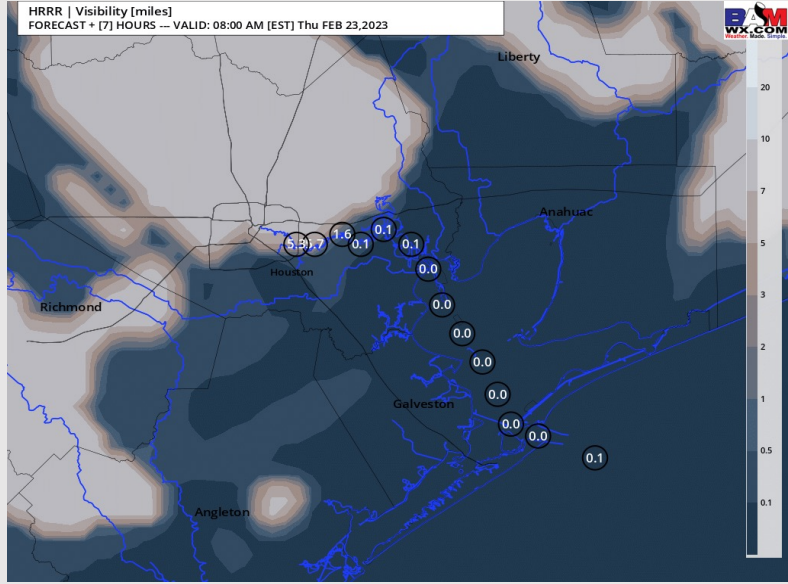
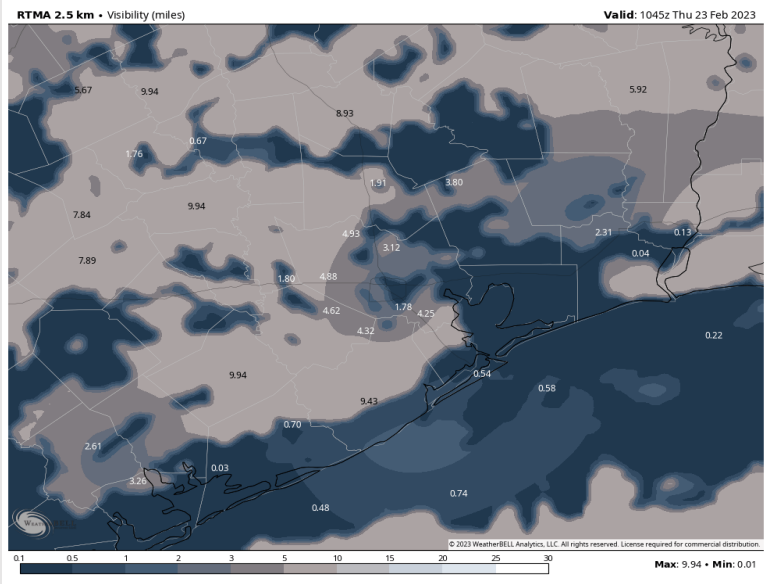
As always, please do not hesitate to reach out to us with any forecast questions via the chat option on the Weather Porthole or our on-call number, **(317)-560-8122** press 1 for forecast questions.

Houston Pilots Visibility Report



5 AM-CT: CURRENT VISIBILITY 7 AM CT THUR VISIBILITY

Confidence



TIMEFRAME DISCUSSED	THREAT
NOW – 12 PM THUR	Med - High

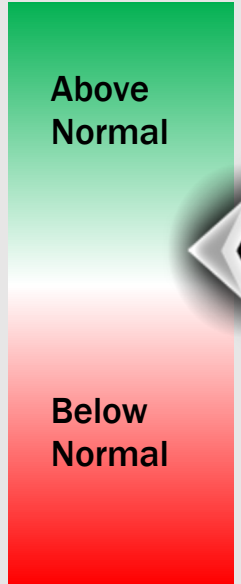
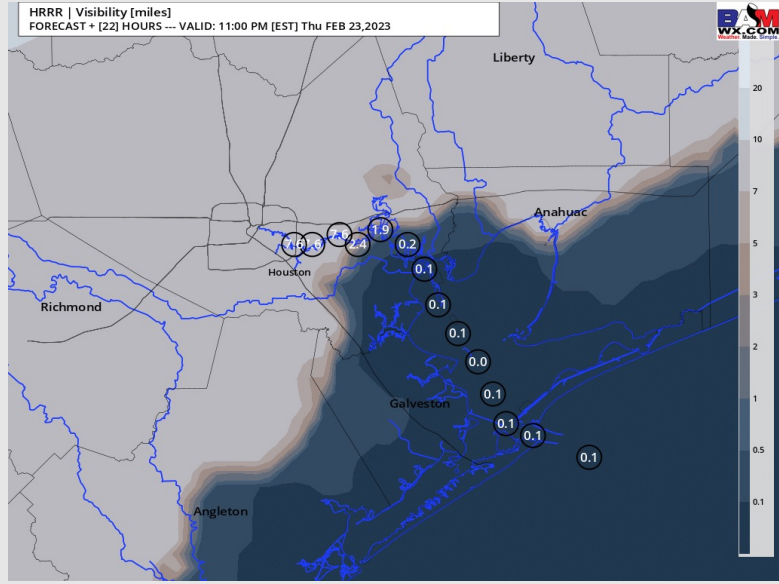
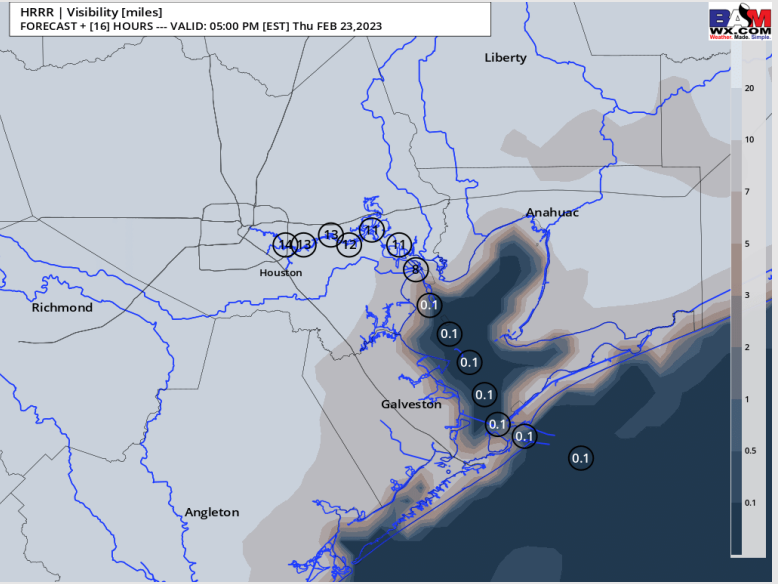
- Reports this morning showing visibility between 1 – 2 miles near Houston Metro with visibilities of 1 mile or less closer to the Boarding Station. Anticipating fog risk to be the greatest out through 10 AM with periods of visibility reduced to less than 1 mile possible for all stations.
- After 10 AM Thursday, fog is favored to begin to break up a bit becoming patchier in nature with visibilities 3 miles or less mostly for stations south of Morgan’s Point. Boarding Station and station 11/12 remains at risk for visibility reduced to 1 mile or less.
- Visibilities will begin to improve around the 12 PM timeframe, with a few isolated pockets of fog (3 miles or less visibility) possible primarily for stations again, south of Morgan’s Point. Expecting visibility to remain poor at the Boarding Station.

Houston Pilots Visibility Report



4 PM CT THU VISIBILITY 10 PM CT THU VISIBILITY

Confidence



TIMEFRAME DISCUSSED	THREAT
12 PM THU - 10 AM FRI	Med - High

- Isolated pockets of fog with visibilities of 3 miles or less primarily for stations south of Morgan's Point possible out through 5 PM today. After 5 PM, fog will begin to creep North from the Gulf, gradually becoming more widespread.
- Anticipating all stations to be impacted with visibilities reduced to 1 mile or less nearing 10 PM tonight.
- Expecting foggy conditions to continue out through 10 AM Friday AM before gradually breaking up through the AM.

Houston Pilots Extended Range Visibility Report



Sunday 2/26/23

Southeasterly winds in the AM hours could shift more from the south towards the PM hours. Wind speeds could range between 10 – 15 kts.



Monday 2/27/23

SSW winds during the early AM hours could veer from the WNW towards the 12 PM hour, making sea fog threats minimal.



Tuesday 2/28/23

Winds out of N throughout the day will make se fog unlikely to develop.



Chance for Reduced Visibility

Sunday AM	Possible
Sunday PM	Possible
Monday AM	Possible
Monday PM	Unlikely
Tuesday AM	Unlikely
Tuesday PM	Unlikely

Houston Pilots Visibility Report



Refer to the slides above for the official BAM forecast. The chart may is likely not perfect.

Time	Thu 4am	Thu 5am	Thu 6am	Thu 7am	Thu 8am	Thu 9am	Thu 10am	Thu 11am	Thu 12pm	Thu 1pm	Thu 2pm	Thu 3pm	Thu 4pm	Thu 5pm	Thu 6pm	Thu 7pm	Thu 8pm	Thu 9pm	Thu 10pm	Thu 11pm	Fri 12am	Fri 1am	Fri 2am	Fri 3am	Fri 4am	Fri 5am	Fri 6am	Fri 7am	Fri 8am	Fri 9am	Fri 10am	Fri 11am	Fri 12pm	Fri 1pm	Fri 2pm	Fri 3pm					
610 Bridge	1	1	1	0.77	1	3	5	7	10	10	10	10	10	10	10	10	6	5	4	4	3	2	1	1	1	1	0.41	0.24	1	3	6	10	10	10	10						
Kinder 1	1	1	1	0.77	1	3	5	7	10	10	10	10	10	10	10	10	7	6	5	4	3	2	1	1	1	1	0.41	0.3	1	4	6	10	10	10	10						
Greens Bayou	1	2	2	0.77	2	3	5	8	10	10	10	10	10	10	10	10	7	6	5	4	3	2	1	1	1	1	0.41	0.32	1	4	6	10	10	10	10						
Shell Crude	1	1	1	0.77	1	3	5	7	10	10	10	10	10	10	10	10	7	6	5	4	3	2	1	0.99	0.99	0.76	1	0.24	0.32	1	4	6	10	10	10	10					
Lynchburg Ferries	1	2	1	0.77	2	3	5	7	10	10	10	10	10	10	10	10	7	6	5	4	3	2	1	1	1	0.84	1	0.41	0.32	1	4	6	10	10	10	10					
Exxon 3	1	1	0.77	0.77	0.45	1	4	6	9	10	10	10	10	10	10	8	7	6	5	3	2	1	1	0.72	0.68	0.64	0.72	0.32	0.37	1	4	6	10	10	10	10					
Morgans Point	1	0.53	0.62	0.53	0.29	0.41	3	5	8	9	9	10	10	10	8	8	8	6	5	3	2	1	0.72	0.48	0.48	0.48	0.48	1	2	1	4	6	10	10	10	10					
75/76	0.86	0.53	0.53	0.53	0.29	0.41	3	5	7	7	8	9	9	9	8	7	7	6	4	3	2	1	0.48	0.48	0.48	0.48	0.48	1	3	1	3	6	10	10	10	10					
63/64	0.77	0.53	0.53	0.29	0.29	0.41	0.99	3	6	7	7	8	9	8	8	7	6	6	3	2	1	0.61	0.48	0.48	0.48	0.48	0.48	1	3	1	3	6	10	10	10	10					
51/52	0.53	0.53	0.46	0.29	0.29	0.29	0.53	0.77	1	5	6	7	7	8	7	4	5	4	2	1	0.64	0.42	0.41	0.31	0.24	0.24	0.41	1	3	1	3	6	9	9	9	9					
37/38	0.53	0.53	0.29	0.29	0.29	0.29	0.53	0.77	1	5	6	8	7	7	7	1	4	2	0.85	0.59	0.35	0.35	0.35	0.24	0.24	0.24	0.35	0.92	2	0.68	3	5	7	8	7	8					
25/26	0.53	0.53	0.29	0.29	0.29	0.29	0.53	0.77	1	0.86	1	6	6	7	3	1	1	0.58	0.3	0.3	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.35	1	0.52	2	4	6	6	6	6
11/12	0.53	0.53	0.29	0.29	0.29	0.29	0.53	0.77	1	0.86	0.86	5	4	3	2	1	1	0.48	0.48	0.48	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	1	0.24	2	4	5	6	6	6	
1 & 2 Bravo	0.53	0.29	0.29	0.29	0.29	0.29	0.53	0.77	0.77	0.77	0.53	0.4	0.53	0.48	0.48	0.48	0.77	0.3	0.3	0.3	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.33	0.22	1	3	3	4	4	4		

Houston Pilots Wind Report



Example

Sustained wind 13 Knots
 Gusts 18 Knots
 Wind from the N

WS: 13
 G:18
 N

Time Knots	Thu 4am	Thu 5am	Thu 6am	Thu 7am	Thu 8am	Thu 9am	Thu 10am	Thu 11am	Thu 12pm	Thu 1pm	Thu 2pm	Thu 3pm	Thu 4pm	Thu 5pm	Thu 6pm	Thu 7pm	Thu 8pm	Thu 9pm	Thu 10pm	Thu 11pm	Fri 12am	Fri 1am	Fri 2am	Fri 3am	Fri 4am	Fri 5am	Fri 6am	Fri 7am	Fri 8am	Fri 9am	Fri 10am	Fri 11am	Fri 12pm	Fri 1pm	Fri 2pm	Fri 3pm
610 Bridge	6 14 S	6 13 S	5 14 S	5 11 S	4 9 S	4 8 SSW	3 5 S	2 2 WSW	1 3 SSE	3 3 ENE	5 6 ENE	6 7 ENE	7 10 E	6 9 E	5 10 E	7 10 E	6 9 E	6 9 E	5 10 E	5 9 E	5 8 E	5 8 E	5 8 E	5 8 E	5 7 E	5 7 E	5 5 E	5 5 E	6 9 E	6 11 E	8 11 E	8 12 E	9 13 E	9 12 E	9 13 E	
Kinder 1	6 14 SSE	6 13 S	5 14 S	5 11 S	4 9 SSW	4 8 S	3 5 SW	2 2 SE	2 3 E	4 4 ENE	6 7 E	7 10 E	9 9 E	9 9 E	10 10 E	9 9 E	9 9 E	9 9 E	9 9 E	8 8 E	8 8 E	8 8 E	8 8 E	7 7 E	7 7 E	8 8 E	8 8 E	9 10 E	11 11 E	11 12 E	12 13 E	13 13 E	12 13 E	13 13 E	12 13 E	
Greens Bayou	6 14 SSE	6 13 S	5 14 S	5 11 S	4 9 SSW	4 8 S	3 5 SW	2 2 SE	1 3 E	3 4 ENE	4 4 E	6 7 E	7 10 E	6 9 E	6 10 E	6 9 E	6 9 E	6 9 E	5 9 E	5 8 E	5 8 E	5 8 E	5 8 E	5 7 E	5 7 E	5 5 E	5 5 E	6 9 E	6 11 E	8 11 E	8 12 E	9 13 E	9 12 E	10 13 E	10 13 E	
Shell Crude	6 13 SSE	6 12 S	5 14 S	5 11 S	4 9 S	4 8 S	4 5 S	2 3 S	4 4 SE	4 4 E	4 5 E	6 7 E	7 9 E	7 9 E	6 9 E	7 9 E	6 9 E	6 9 E	5 9 E	5 8 E	5 8 E	5 8 E	5 8 E	5 7 E	5 7 E	5 5 E	5 5 E	6 9 E	6 11 E	8 11 E	8 12 E	9 13 E	9 12 E	10 13 E	10 13 E	
Lynchburg Ferries	6 13 SSE	6 13 S	5 13 S	5 11 S	4 9 S	4 8 S	4 5 SSE	3 3 SSE	5 4 E	4 4 E	4 5 E	6 6 E	5 7 E	6 9 E	5 9 E	6 9 E	6 9 E	6 9 E	5 9 E	5 8 E	5 8 E	5 8 E	5 8 E	5 7 E	5 7 E	5 5 E	5 5 E	6 9 E	6 11 E	8 11 E	8 12 E	9 13 E	9 12 E	10 13 E	10 13 E	
Exxon 3	5 12 SSE	6 13 SSE	5 12 S	5 10 S	4 9 S	4 8 S	5 7 SSE	3 5 SSE	4 3 E	3 4 E	4 4 E	6 7 E	7 8 E	8 8 E	9 9 E	9 9 E	8 8 E	8 8 E	8 8 E	8 8 E	8 8 E	8 8 E	8 8 E	8 8 E	8 7 E	8 8 E	8 8 E	9 10 E	11 12 E	12 13 E	13 13 E	12 13 E	13 13 E	12 13 E		
Morgans Point	5 11 SSE	7 13 SSE	5 11 S	6 10 SSE	6 9 SSE	5 8 SSE	5 8 SSE	3 5 SSE	3 3 E	3 5 E	5 7 E	6 7 E	7 8 E	8 10 E	7 9 E	8 10 E	8 8 E	8 8 E	8 8 E	8 8 E	8 8 E	8 8 E	8 8 E	8 8 E	8 7 E	8 8 E	8 8 E	9 10 E	11 12 E	12 13 E	13 13 E	12 13 E	13 13 E	12 13 E		
75/76	5 10 SSE	8 13 SSE	6 10 S	7 11 SSE	7 9 SSE	7 8 SSE	6 8 SSE	2 4 SSE	2 3 ENE	4 4 ENE	6 6 E	7 7 E	4 5 E	4 5 E	5 6 E	10 12 E	10 11 E	8 9 E	8 8 E	8 8 E	8 8 E	7 8 E	6 6 E	6 6 E	7 7 E	7 8 E	7 8 E	8 9 E	10 11 E	12 13 E	13 13 E	12 13 E	13 13 E	12 13 E		
63/64	6 11 SSE	9 12 S	8 11 S	8 11 S	7 10 S	7 9 S	6 8 SSE	1 4 ENE	2 3 ENE	4 4 ENE	6 6 E	6 6 E	4 5 E	6 8 E	8 10 E	10 11 E	9 9 E	8 8 E	8 8 E	8 8 E	7 7 E	7 7 E	6 6 E	6 6 E	7 7 E	7 8 E	8 9 E	9 11 E	12 13 E	13 13 E	12 13 E	13 13 E	12 13 E			
51/52	7 11 S	8 11 SSE	10 12 S	8 12 S	7 11 S	7 10 S	6 9 S	2 4 SSE	2 3 NE	4 4 NE	5 5 E	5 5 E	5 5 E	8 9 E	9 10 E	10 10 E	9 9 E	8 8 E	8 8 E	7 7 E	7 7 E	6 6 E	6 6 E	6 6 E	7 7 E	8 8 E	8 9 E	9 11 E	12 13 E	13 13 E	12 13 E	13 13 E	12 13 E			
37/38	7 11 S	8 10 S	10 13 S	8 13 S	7 12 S	7 10 S	6 8 S	3 5 S	2 3 WSW	4 4 NE	5 5 NE	5 5 NE	8 9 E	9 10 E	9 9 E	9 9 E	8 8 E	8 8 E	8 8 E	8 8 E	7 7 E	7 7 E	6 6 E	6 6 E	7 7 E	8 8 E	9 11 E	12 13 E	12 13 E	12 13 E	12 13 E	12 13 E	12 13 E			
25/26	7 10 S	7 12 SSE	9 13 S	9 13 S	7 12 S	7 10 S	6 8 S	4 5 S	3 3 WNW	4 4 SSE	5 5 NE	5 5 ENE	6 7 E	7 10 E	9 9 E	8 8 E	8 8 E	8 8 E	8 8 E	8 8 E	7 7 E	7 7 E	6 6 E	5 5 E	6 6 E	6 6 E	7 8 E	9 10 E	11 11 E	11 11 E	11 11 E	11 11 E	11 11 E	11 11 E		
11/12	6 10 S	7 10 SSE	9 13 S	9 14 S	7 11 S	7 10 S	6 8 SSE	5 7 SSE	3 4 WNW	3 4 WNW	4 5 SSW	5 5 NE	6 7 ENE	7 10 E	9 9 E	8 8 E	8 8 E	8 8 E	8 8 E	8 8 E	8 8 E	7 7 E	7 7 E	6 6 E	6 6 E	7 7 E	8 9 E	9 10 E	10 11 E	11 11 E	11 11 E	11 11 E	11 11 E	11 11 E		
1 & 2 Bravo	8 11 SSE	9 14 SSE	9 14 SSE	9 15 SSE	6 11 SSE	6 10 SSE	6 11 SSE	2 5 E	2 7 NNE	6 7 E	6 7 ENE	7 7 ENE	7 9 ENE	9 12 E	10 14 E	10 11 E	10 11 E	10 11 E	10 11 E	10 11 E	10 10 E	9 9 E	9 9 E	8 8 E	8 8 E	8 8 E	8 9 E	9 10 E	10 11 E	11 11 E	11 11 E	11 11 E	11 11 E	11 11 E		

Forecast Discussion

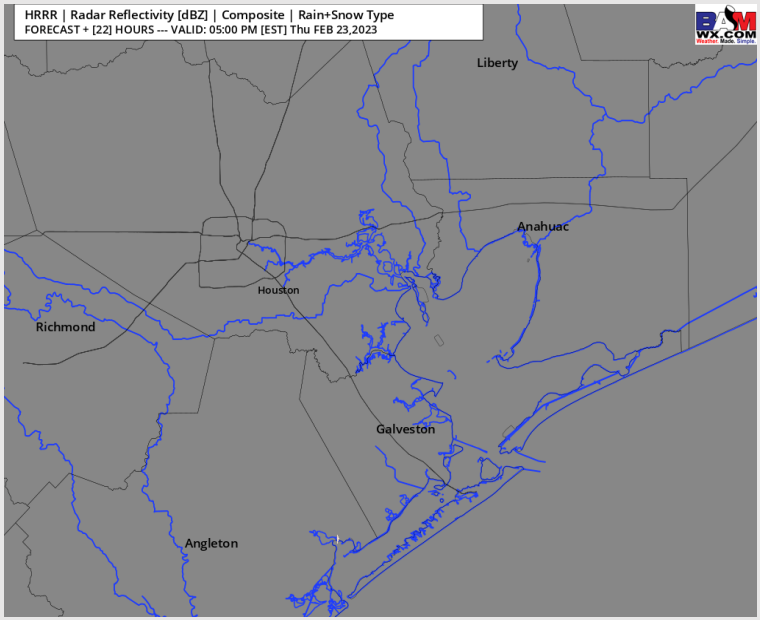
Precip: Favoring dry conditions today.

Wind: Winds will be S – SE throughout the day. Winds will be at 5-10 kts across all stations until 12 PM. Between 12 – 3 PM, winds become variable for all stations as a weak front moves through the channel from the north. After the weak front moves through, winds return to the original ranges from the AM for the rest of the evening.

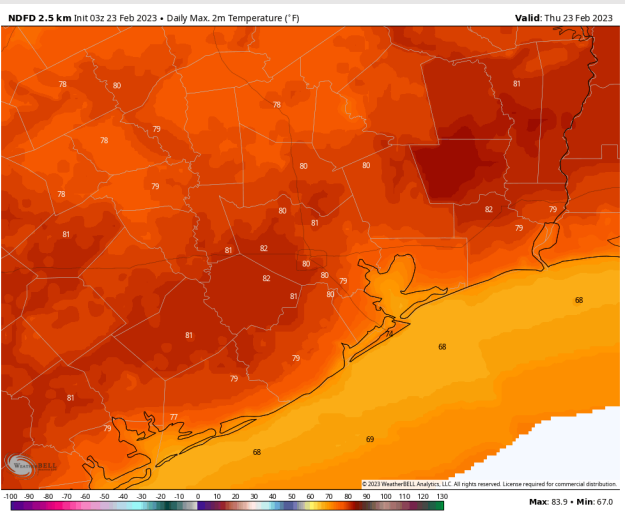
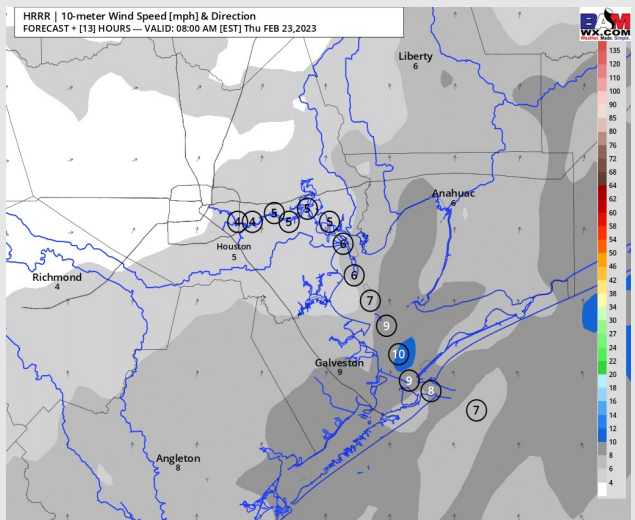
Temps: High temperatures Thursday will be in the lower 80s north of Morgan’s Point and mid to lower 70s south of Morgan’ Point.

Visibility: Anticipating widespread fog to continue this morning out through 12 PM before it begins to become patchier in nature. View visibility report for more information.

Precip Forecast: 4 PM CT



Wind Speed
7 AM CT



High Temp
Today

Houston Pilots: Fri. 2/24/2023



Forecast Discussion

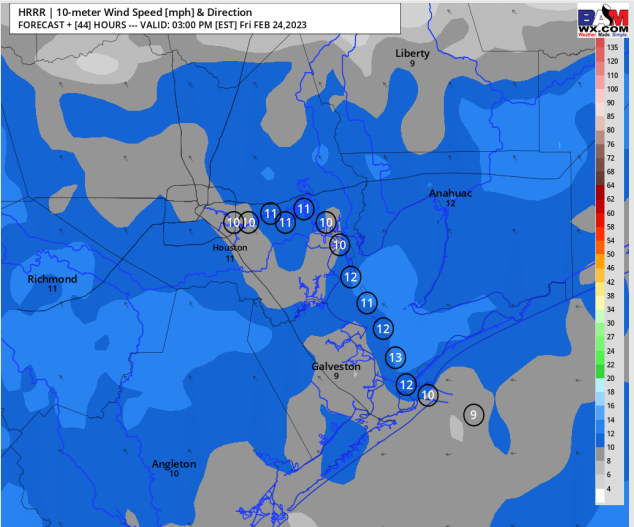
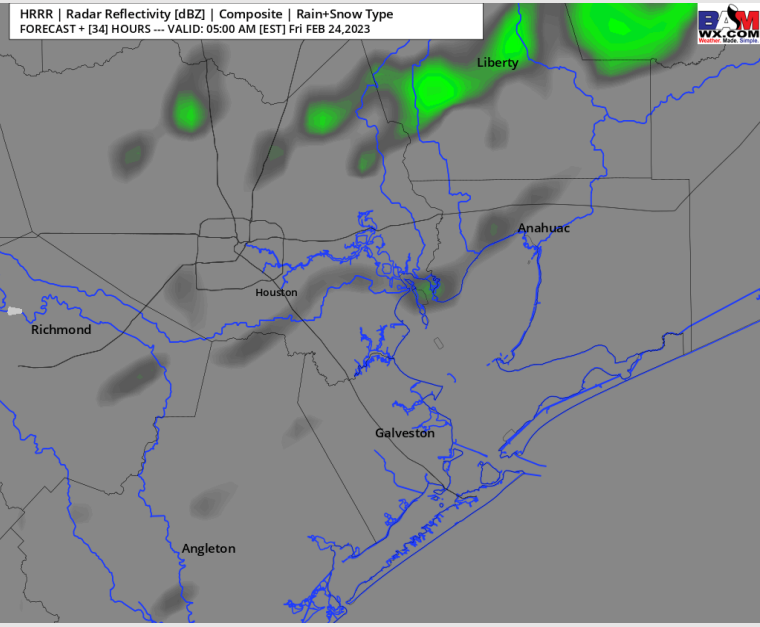
Precip: Anticipating dry conditions for Friday with a 10% chance for a stray sprinkle or two during the early AM hours.

Wind: Sustained winds will be from the SSE to SE on Friday. Winds will start out 3 – 8 kts north of Morgan’s Point and 8 – 12 kts south of Morgan’s Point. Towards 11 AM winds will be at 8 – 13 kts across all stations. At around 9 PM winds will slightly decrease to 5 – 11 kts.

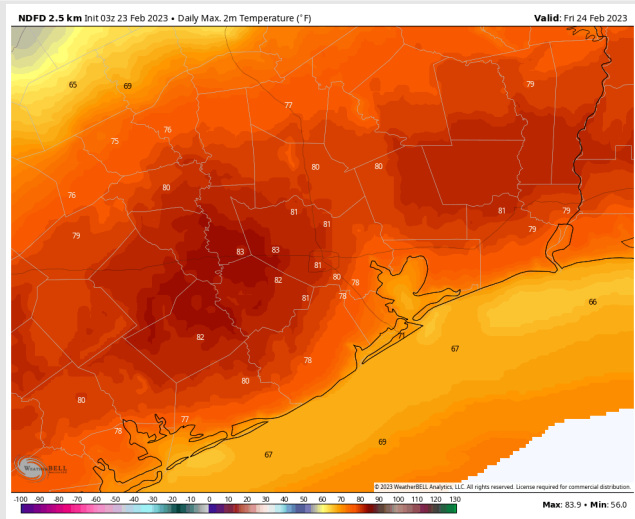
Temps: High temperatures Friday will be near 80 F north of Morgan’s Point and in the mid 60s F to lower 70s F south of Morgan’s Point.

Visibility: Expecting a threat for widespread sea fog. View visibility report for more details.

Precip Forecast: 4 AM CT



Wind Speed
2 PM CT



High Temps
Friday

Houston Pilots: Sat. 2/25/2023

Forecast Discussion

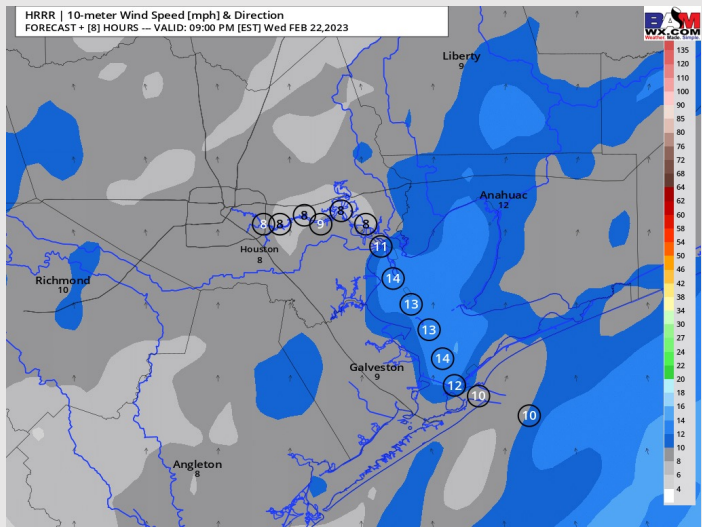
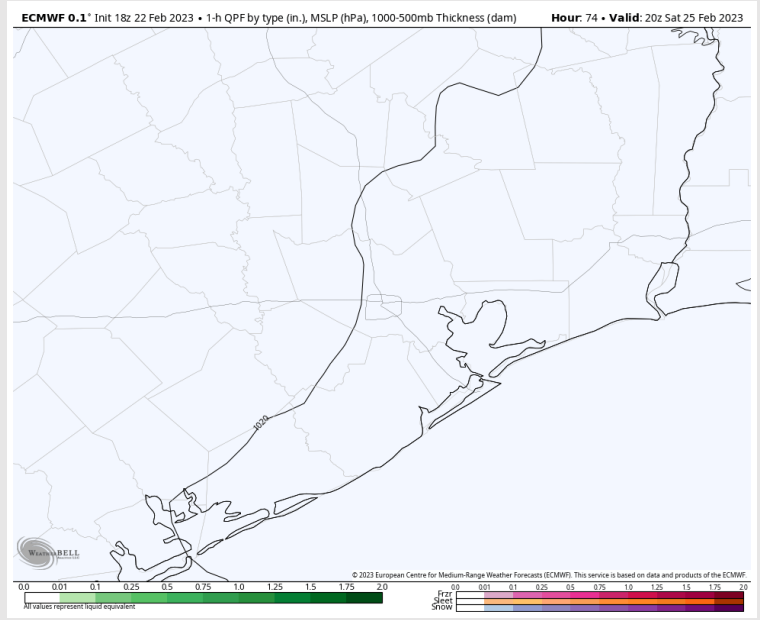
Precip: Anticipating dry conditions on Saturday

Wind: Winds will be out of the SE all day on Saturday. Winds will start out at 3-8 kts north of Morgan's Point and 7-12 kts south of Morgan's Point until 11 AM. After 11 AM, winds will become 7-12 kts across all stations for the rest of the day.

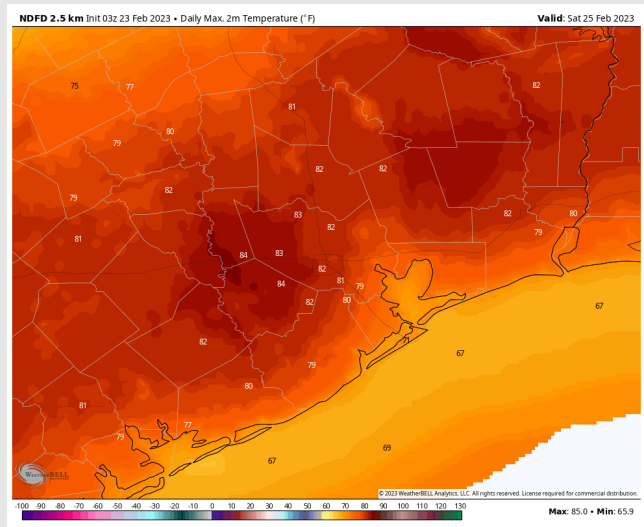
Temps: High temperatures Saturday will be near 80 F north of Morgan's Point and in the mid 60s F to lower 70s F south of Morgan's Point.

Visibility: Sea fog threats will be highly likely during the AM hours. More information will be added as we get closer-to-date.

Precip Forecast: 2 PM CT

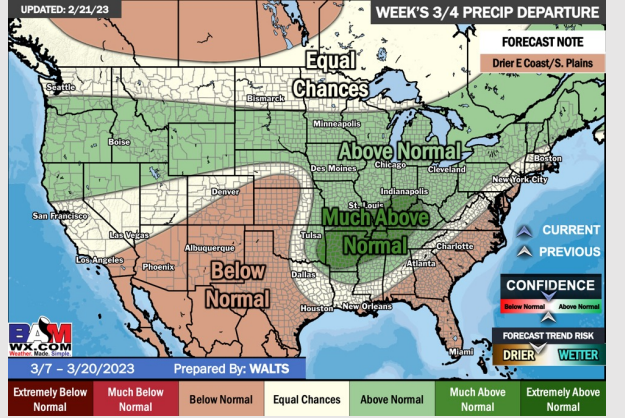
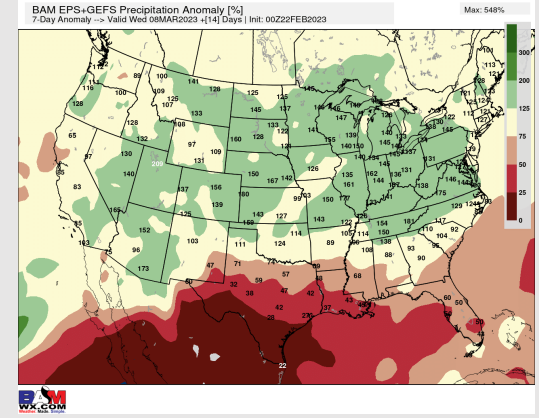
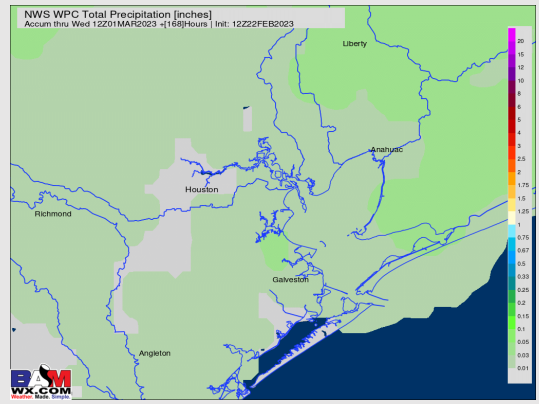
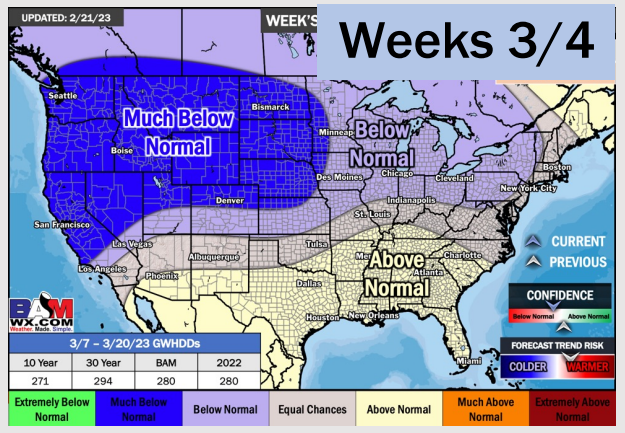
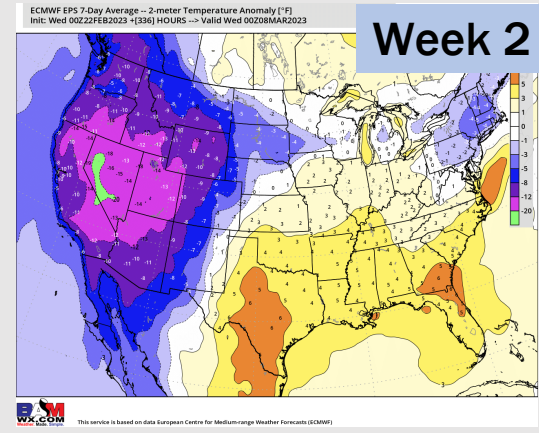
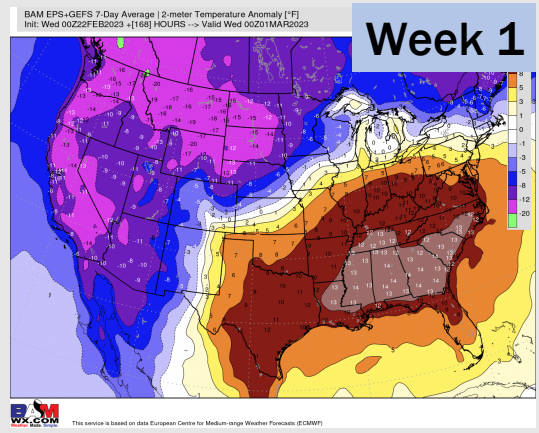


Wind Speed
8 PM CT



High Temps
Saturday

Houston Pilots: 2/23/23



- Daily, isolated rain chances will be around for much of the week. These are low end chances with totals staying rather low. Temperatures are expected to be well above average over the next seven days with much below normal precipitation.
- Expecting below normal precipitation chances and above normal temperatures extending into the week 2 timeframe.
- Below normal chances for precipitation and above normal temperatures favored in the week 3/4 timeframe.