

Houston Pilots Forecast Package



Updated: 12:30 PM CT

Monday, February 6, 2023

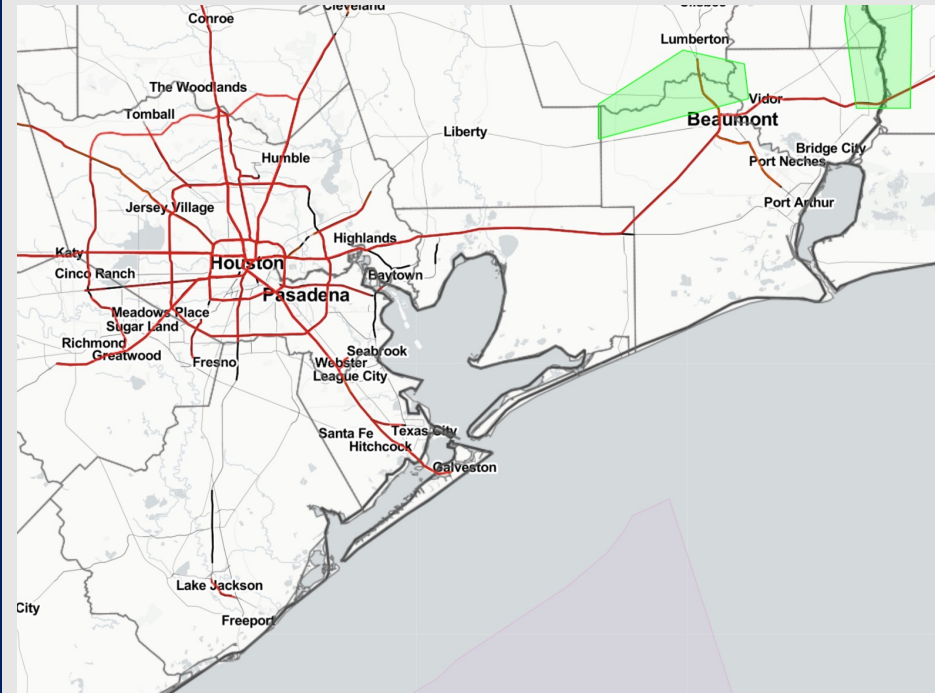
Forecaster: Vince Bryan

Weather Headlines

➤ Check the visibility slides below for initial thinking of a tricky forecast regarding exact details. The general fog threat would be present through mid-day Wednesday.

➤ Anticipating a dry day today with light to moderate rain showers about the area for Tuesday and Wednesday.

➤ Elevated winds will be at play over the next 72 hours with sustained winds in the 10 – 15 -kt range with persistent wind gust threats at 22 – 25 kts.



Radar/NWS Alerts: 12:20 PM CT



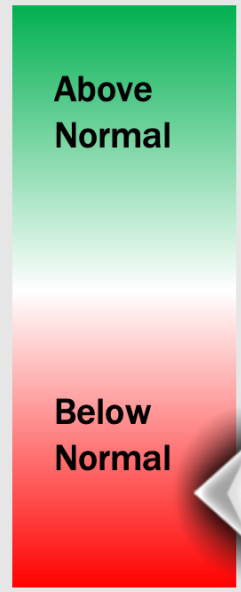
As always, please do not hesitate to reach out to us with any forecast questions via the chat option on the Weather Porthole or our on-call number, **(317)-560-8122** press 1 for forecast questions.

Houston Pilots Visibility Report



VISIBILITY VISIBILITY Confidence

No model data shows this threat on a future visibility image



TIMEFRAME DISCUSSED	THREAT
3 AM Tue - 12 PM Tue	Low - Medium

- Low confidence on a sea fog threat developing late tonight into Tuesday AM. While almost all “ingredients” look favorable for fog, moisture right at the immediate surface will be in question and thus leads to some uncertainty on specifics.
- Current thinking is that patchy fog can start to develop near the 3 AM timeframe between the boarding station and Morgan’s Point in a hit and miss nature.
- Fog could be dense at times, but given the lack of a fog signal on data, we are a bit skeptical of any fog being widespread. Best risk for fog comes 5-9 AM
- It is rather unlikely that any one location sees several hours worth of fog, with breaks here and there likely.

Houston Pilots Visibility Report



VISIBILITY

VISIBILITY

Confidence

No model data shows this threat on a future visibility image

Above Normal

Below Normal

**TIMEFRAME
DISCUSSED**

THREAT

12 PM Tue – 12 AM Wed

Low - Medium

- Fog is likely not much of a concern for the area getting into the afternoon hours, however a few areas still seeing 3-5 mile visibility cannot be taken off the table.
- We would need to monitor anytime after sunset for patchy fog to develop. Given profiles of the atmosphere, we think that any fog that develops Tuesday (AM or PM) would be patchy, not blanketing the entire region
- Low confidence continues as there will be a question of just how much moisture is there to work with at the surface.
- The threat continuing into Wednesday AM is likely with fog possible through when the front passes the area early Wed PM.

Houston Pilots Extended Range Visibility Report



Thursday 2/9/23

Light and variable winds in the AM hours will favor a southerly to southwesterly direction direction by the PM hours.



Friday 2/10/23

Sustained winds will be from the NW on Friday in the 10- 20 kt range making fog potentials highly unlikely.



Saturday 2/11/23

Northwesterly winds will continue for Saturday, albeit calmer than Friday's winds.



Chance for Reduced Visibility

Thursday AM	Unlikely
Thursday PM	Unlikely
Friday AM	Unlikely
Friday PM	Unlikely
Saturday AM	Unlikely
Saturday PM	Unlikely

Houston Pilots Wind Report



Example

Sustained wind 13 Knots
 Gusts 18 Knots
 Wind from the N

WS: 13
 G:18
 N

Time Knots	Mon 12pm	Mon 1pm	Mon 2pm	Mon 3pm	Mon 4pm	Mon 5pm	Mon 6pm	Mon 7pm	Mon 8pm	Mon 9pm	Mon 10pm	Mon 11pm	Tue 12am	Tue 1am	Tue 2am	Tue 3am	Tue 4am	Tue 5am	Tue 6am	Tue 7am	Tue 8am	Tue 9am	Tue 10am	Tue 11am	Tue 12pm	Tue 1pm	Tue 2pm	Tue 3pm	Tue 4pm	Tue 5pm	Tue 6pm	Tue 7pm	Tue 8pm	Tue 9pm	Tue 10pm	Tue 11pm	
610 Bridge	10 17 S	11 18 S	11 17 S	10 16 S	11 18 SSE	10 19 SSE	9 19 SE	8 18 SE	8 17 SE	7 16 SE	7 15 SE	7 14 SSE	6 13 SSE	5 11 SSE	5 10 SSE	9 14 SE	9 14 SE	8 13 SE	8 12 SE	7 11 SE	8 13 SE	8 15 SE	10 16 SE	11 17 SE	11 18 SE	12 19 SE	12 20 SE	13 20 ESE	13 20 ESE	13 19 ESE	13 19 ESE	13 20 ESE	14 21 ESE	14 21 ESE	13 20 ESE		
Kinder 1	10 17 S	11 17 S	10 17 S	10 18 SSE	11 19 SSE	10 19 SSE	9 19 SE	8 18 SE	8 17 SE	6 16 SE	8 16 SE	6 14 SSE	5 12 SSE	5 11 SSE	10 14 SE	9 13 SE	9 12 SE	8 11 SE	8 10 SE	7 9 SE	8 10 SE	8 11 SE	10 12 SE	10 13 SE	11 14 SE	11 15 SE	12 16 SE	12 17 SE	13 18 SE	13 19 SE	13 19 ESE	13 19 ESE	13 20 ESE	14 21 ESE	14 21 ESE	13 20 ESE	
Greens Bayou	10 17 S	10 17 S	10 16 S	10 17 S	10 18 SSE	10 18 SSE	8 19 SE	8 19 SE	8 18 SE	6 15 SE	8 16 SE	8 14 SSE	6 11 SSE	5 11 SSE	9 14 SE	9 14 SE	8 13 SE	8 12 SE	8 11 SE	8 10 SE	7 9 SE	8 10 SE	10 11 SE	10 11 SE	11 12 SE	12 13 SE	12 13 SE	13 14 SE	13 14 SE	13 14 SE	12 13 ESE	13 14 ESE	13 14 ESE	14 15 ESE	14 15 ESE	13 14 ESE	
Shell Crude	10 17 SSE	11 17 S	10 16 S	11 17 SSE	11 18 SSE	10 18 SSE	8 19 SE	8 19 SE	8 18 SE	7 16 SE	8 16 SE	7 15 SSE	5 12 SSE	5 11 SSE	9 14 SE	9 14 SE	8 13 SE	8 12 SE	8 11 SE	7 10 SE	8 11 SE	8 12 SE	9 13 SE	10 14 SE	11 15 SE	11 16 SE	12 17 SE	12 18 SE	13 19 SE	12 18 ESE	13 19 ESE	13 19 ESE	13 20 ESE	14 21 ESE	13 20 ESE	13 20 ESE	
Lynchburg Ferries	10 17 SSE	10 17 SSE	10 16 SSE	10 17 SSE	11 18 SSE	10 18 SSE	8 19 SE	7 18 SE	8 17 SE	7 15 SE	8 15 SE	7 14 SSE	6 13 SSE	5 12 SSE	9 14 SE	9 14 SE	8 13 SE	8 12 SE	8 11 SE	7 10 SE	8 11 SE	8 12 SE	9 13 SE	10 14 SE	11 15 SE	11 16 SE	12 17 SE	12 18 SE	13 19 SE	12 18 ESE	13 19 ESE	13 19 ESE	13 20 ESE	14 21 ESE	13 20 ESE	13 20 ESE	
Exxon 3	11 19 SSE	11 18 SSE	11 17 SSE	11 18 SSE	11 19 SSE	11 20 SSE	10 19 SE	8 17 SE	8 17 SE	8 16 SE	8 15 SE	8 14 SSE	7 12 SSE	6 11 SSE	10 14 SE	9 13 SE	9 12 SE	8 11 SE	8 10 SE	8 9 SE	8 10 SE	9 11 SE	10 12 SE	10 13 SE	11 14 SE	11 15 SE	12 16 SE	12 17 SE	13 18 SE	13 18 ESE	13 18 ESE	13 19 ESE	14 20 ESE	14 21 ESE	13 19 ESE	13 20 ESE	
Morgans Point	11 20 SSE	11 18 SSE	11 18 SSE	11 20 SSE	11 21 SSE	11 21 SSE	9 19 SE	8 18 SE	9 17 SE	9 16 SE	9 15 SE	9 14 SSE	8 13 SSE	7 12 SSE	10 14 SE	10 13 SE	10 12 SE	9 11 SE	9 10 SE	9 9 SE	9 10 SE	9 11 SE	10 12 SE	10 13 SE	11 14 SE	11 15 SE	12 16 SE	12 17 SE	13 18 SE	13 18 ESE	13 18 ESE	13 19 ESE	14 20 ESE	14 21 ESE	13 19 ESE	13 20 ESE	
75/76	11 20 SSE	11 19 SSE	11 18 SSE	11 20 SSE	12 21 SSE	12 21 SSE	11 20 SE	11 19 SE	11 18 SE	10 17 SE	10 16 SE	10 15 SSE	9 14 SSE	8 13 SSE	11 15 SE	11 14 SE	11 13 SE	11 12 SE	11 11 SE	11 10 SE	11 11 SE	11 12 SE	12 13 SE	12 14 SE	13 15 SE	13 16 SE	14 17 SE	14 18 SE	14 18 ESE	14 18 ESE	14 19 ESE	15 20 ESE	15 21 ESE	14 19 ESE	14 20 ESE		
63/64	11 20 SSE	11 19 SSE	11 18 SSE	12 20 SSE	12 21 SSE	12 21 SSE	11 20 SE	11 19 SE	11 18 SE	10 17 SE	10 16 SE	10 15 SSE	9 14 SSE	8 13 SSE	11 15 SE	11 14 SE	11 13 SE	11 12 SE	11 11 SE	11 10 SE	11 11 SE	11 12 SE	12 13 SE	12 14 SE	13 15 SE	13 16 SE	14 17 SE	14 18 SE	14 18 ESE	14 19 ESE	14 20 ESE	15 21 ESE	15 22 ESE	14 19 ESE	14 20 ESE		
51/52	11 19 SSE	11 18 SSE	11 17 SSE	12 20 SSE	12 21 SSE	12 21 SSE	11 20 SE	10 19 SE	10 18 SE	10 17 SE	10 16 SE	10 15 SSE	9 14 SSE	9 13 SSE	11 15 SE	11 14 SE	11 13 SE	11 12 SE	11 11 SE	11 10 SE	11 11 SE	11 12 SE	12 13 SE	12 14 SE	13 15 SE	13 16 SE	14 17 SE	14 18 SE	14 18 ESE	14 19 ESE	14 20 ESE	15 21 ESE	15 22 ESE	14 19 ESE	14 20 ESE		
37/38	11 19 SSE	11 18 SSE	11 17 SSE	11 18 SSE	10 17 SSE	10 16 SSE	10 15 SE	9 14 SE	9 13 SE	9 12 SE	9 11 SE	9 10 SSE	8 9 SSE	8 8 SSE	11 15 SE	11 14 SE	11 13 SE	10 12 SE	10 11 SE	10 10 SE	10 11 SE	10 12 SE	11 13 SE	11 14 SE	12 15 SE	12 16 SE	13 17 SE	13 18 SE	13 18 ESE	13 19 ESE	13 20 ESE	14 21 ESE	14 22 ESE	13 19 ESE	13 20 ESE		
25/26	11 19 SSE	11 18 SSE	11 17 SSE	10 18 SSE	10 17 SSE	9 16 SSE	9 15 SE	10 14 SE	9 13 SE	9 12 SE	9 11 SE	9 10 SSE	8 9 SSE	8 8 SSE	10 14 SE	10 13 SE	10 12 SE	9 11 SE	9 10 SE	9 9 SE	9 10 SE	9 11 SE	10 12 SE	10 13 SE	11 14 SE	11 15 SE	12 16 SE	12 17 SE	12 17 ESE	12 18 ESE	12 19 ESE	13 20 ESE	13 21 ESE	12 18 ESE	12 19 ESE		
11/12	10 18 SSE	9 18 SSE	9 17 SSE	10 18 SSE	9 15 SE	9 14 SE	10 13 SE	10 12 SE	10 11 SE	10 10 SE	10 9 SE	10 8 SSE	9 7 SSE	9 6 SSE	10 14 SE	10 13 SE	10 12 SE	9 11 SE	9 10 SE	9 9 SE	9 10 SE	10 11 SE	10 12 SE	11 13 SE	11 14 SE	12 15 SE	12 16 SE	12 16 ESE	12 17 ESE	12 18 ESE	13 19 ESE	13 20 ESE	12 18 ESE	12 19 ESE	13 20 ESE	13 21 ESE	
1 & 2 Bravo	9 15 SE	8 15 SE	9 15 SE	10 15 SE	9 14 SE	10 13 ESE	11 12 SE	12 11 SE	11 10 SE	10 9 SE	10 8 SE	10 7 SSE	11 6 SSE	10 5 SSE	10 14 SE	10 13 SE	10 12 SE	11 11 SE	11 10 SE	11 9 SE	11 10 SE	11 11 SE	11 12 SE	12 13 SE	12 14 SE	13 15 SE	13 16 SE	13 16 ESE	14 17 ESE	14 18 ESE	14 19 ESE	15 20 ESE	15 21 ESE	14 19 ESE	14 20 ESE	15 21 ESE	15 22 ESE

Houston Pilots: Mon. 2/6/2023



Forecast Discussion

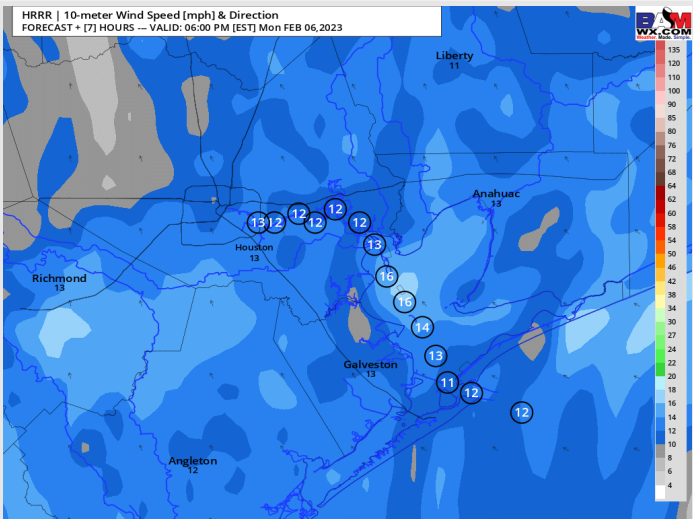
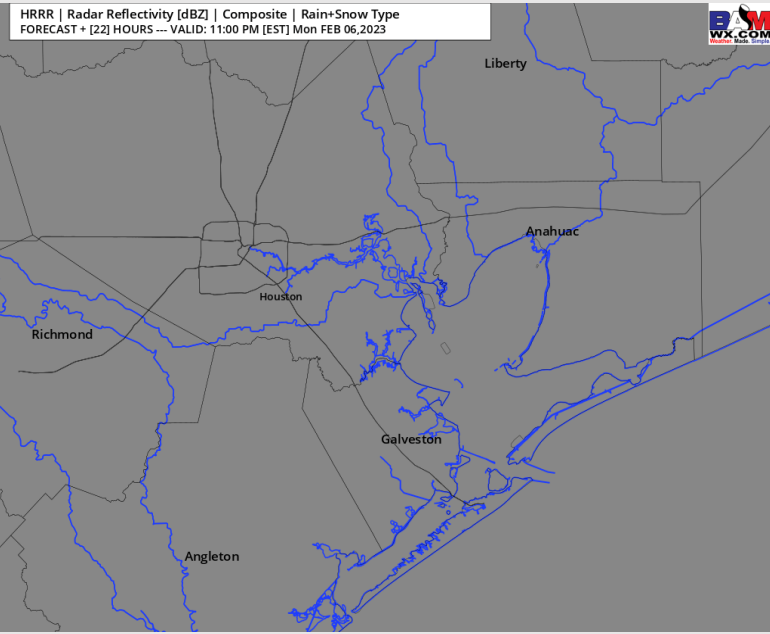
Precip: Anticipating dry conditions. (<10% chance of a sprinkle after sundown)

Wind: Sustained winds will be from the SSE. 10 – 15 kts will remain as such for all stations for the rest of the day. **Wind gusts of 15-20 kts will be possible across all stations until 6 PM.**

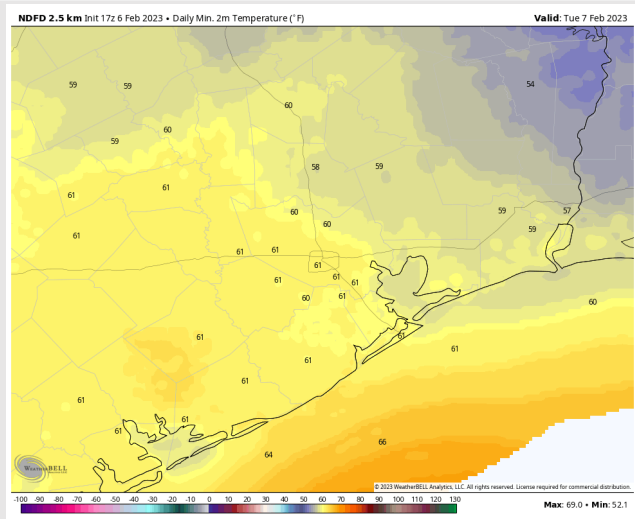
Temps: Low temperatures Tuesday morning will be near 60 F across all stations.

Visibility: Check visibility slide above for latest thinking on fog tonight/Tuesday AM.

Precip Forecast: 10 PM CT



**Wind Speed
5 PM CT**



**Low Temps
Tue AM**

Houston Pilots: Tue. 2/7/2023



Forecast Discussion

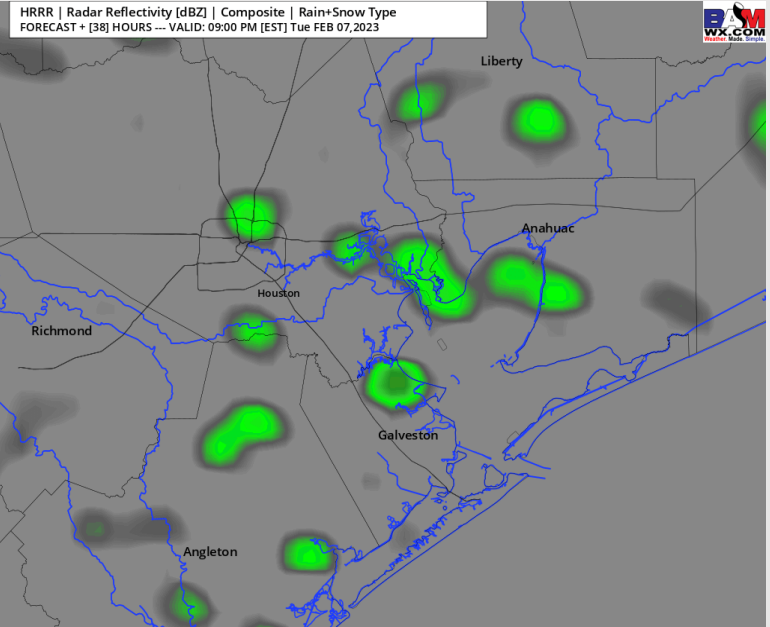
Precip: Anticipating dry conditions until 9 AM with a 20% chance of light showers slowly working their way into the picture through the rest of the day. After 5 PM shower chances will increase slightly to 30%.

Wind: Sustained winds will be from the SE on Tuesday. Winds north of Morgan's Point will be 8 – 13 kts, and south of Morgan's point will be 10 – 15 kts. **Wind gusts of 15-20 kts will be possible at the boarding station after 1 PM.**

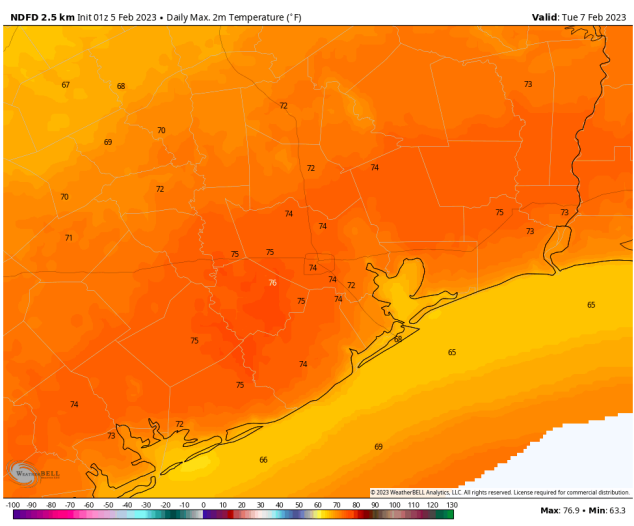
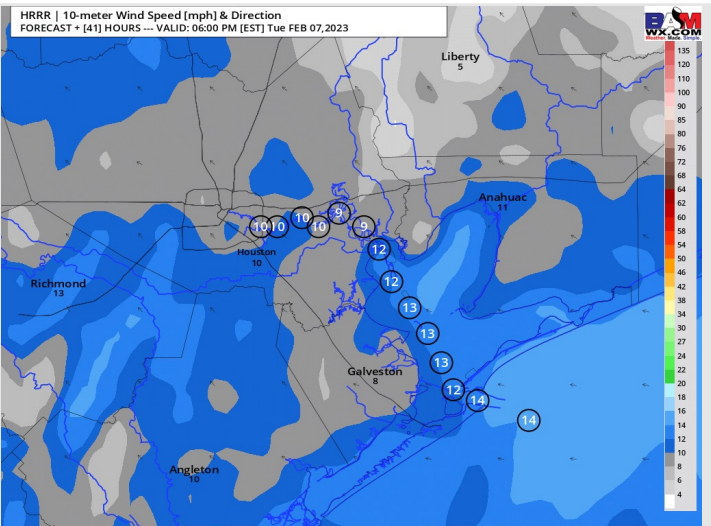
Temps: High temperatures Tuesday will be in the mid to lower 70s F north of Morgan's Point and in the mid to upper 60s F south of Morgan's Point.

Visibility: Reduced visibility from fog will be possible throughout the day as winds will consistently be from the SE at favorable speeds for sea fog transport. Check slides above.

Precip Forecast: 8 PM CT



Wind Speed
5 PM CT



High Temps
Tuesday

Forecast Discussion

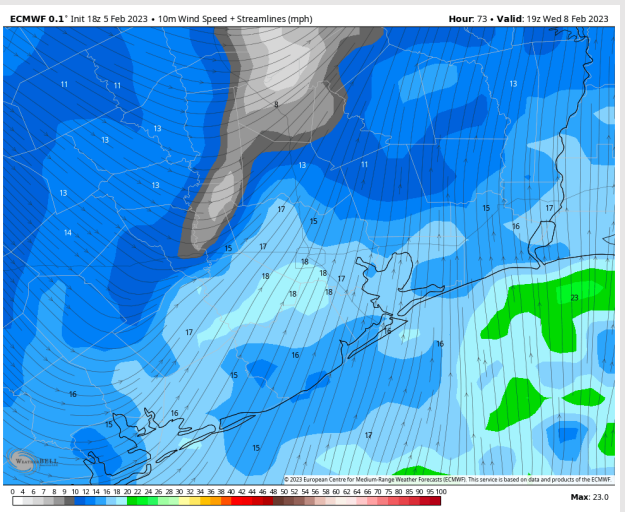
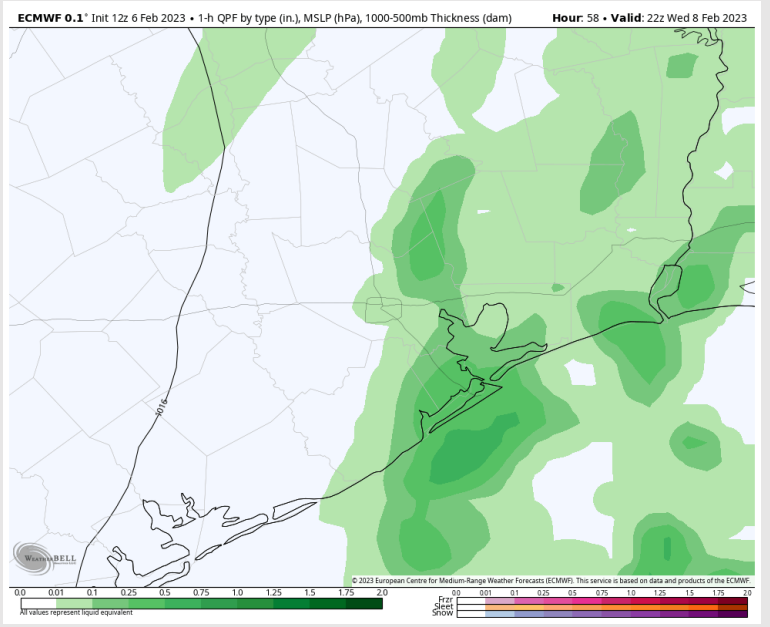
Precip: Light scattered showers will be around for the AM hours with better rain chances coming at 3 PM – 6 PM (70%). After 8 PM favoring dry conditions for the rest of the evening.

Wind: Sustained winds will start out from the SE during the AM hours, then begin to veer more from the south ahead of a cold front around 2 PM. After the front passes through around 6 PM, winds will flip from the NW. Winds across all stations will be around 10 – 15 kts. After the front pushes through, winds will begin to slowly calm from 6 PM to 12 AM to 4 – 7 kts north of Morgan's Point and 8 – 13 kts south of Morgan's point by 10 PM. **Wind gusts of 13-18 kts ahead of the front at 11 AM – 4 PM possible for all stations.**

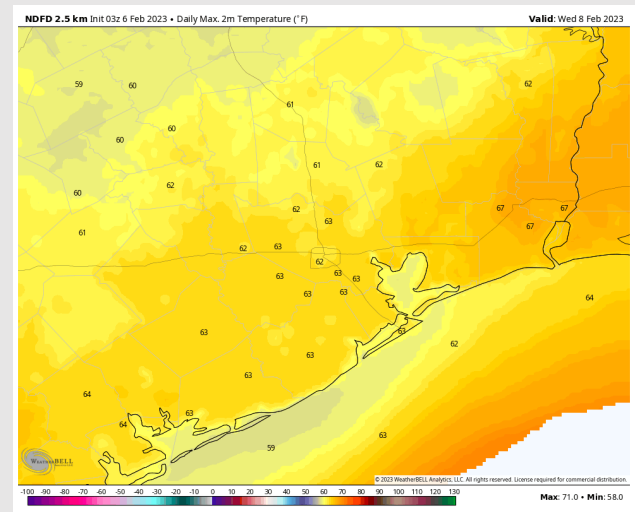
Temps: High temperatures Wednesday will be in the mid to lower 60s F across all stations.

Visibility: Patchy dense fog will be a possibility during the AM hours and early afternoon. After the cold front pushes through visibilities will improve late Wednesday PM.

Precip Forecast: 4 PM CT

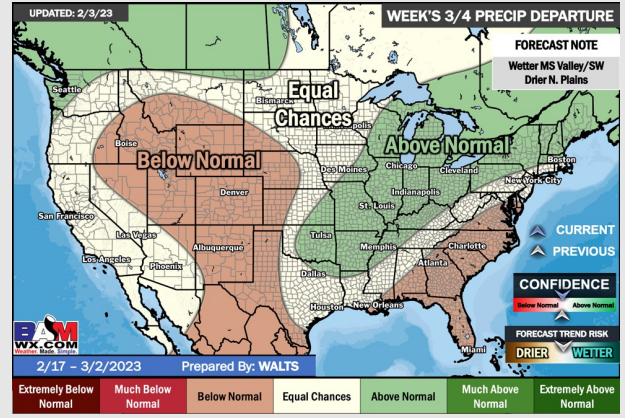
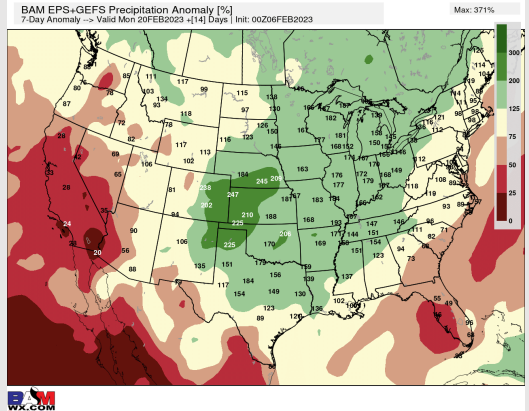
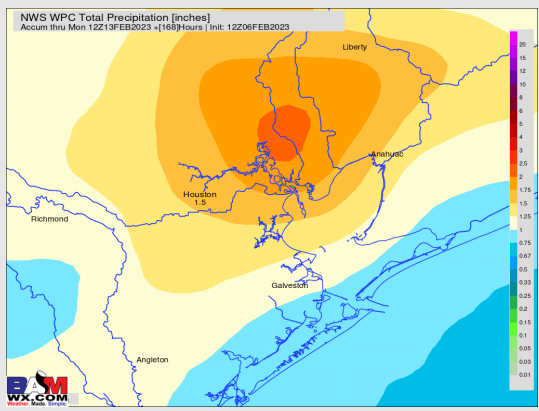
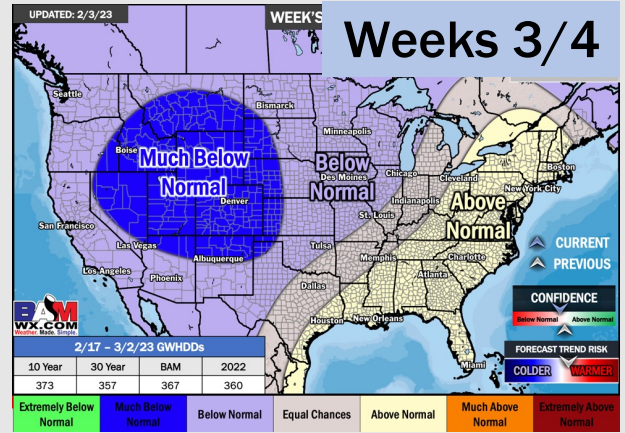
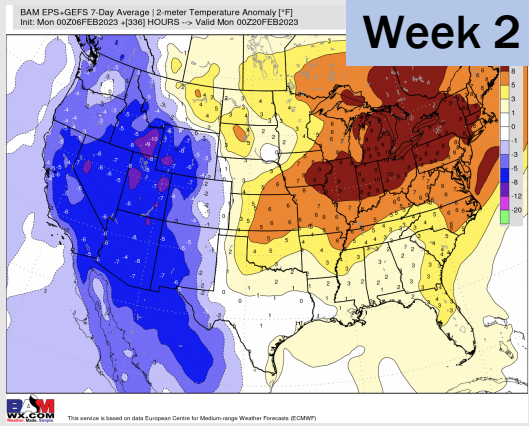
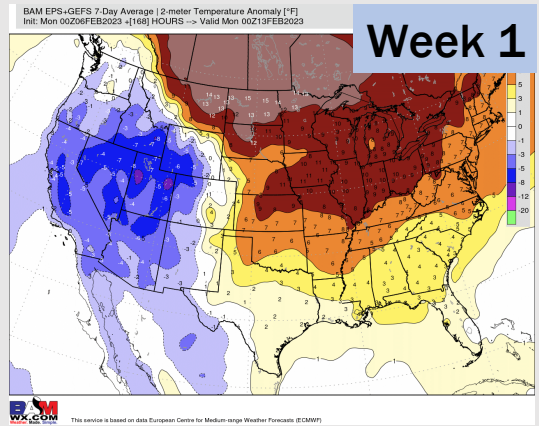


Wind Speed
1 PM CT



High Temps
Wednesday

Houston Pilots: 2/6/23



- Tuesday/Wednesday will be the best shots at precip over the next several days. Temps stay above average.
- Expecting near normal precipitation chances and normal temperatures for the week 2 timeframe.
- Equal chances for precipitation and above normal temperatures favored in the week 3/4 timeframe.