

Houston Pilots Forecast Package



Updated: 5:00 AM CT

Monday, February 6, 2023

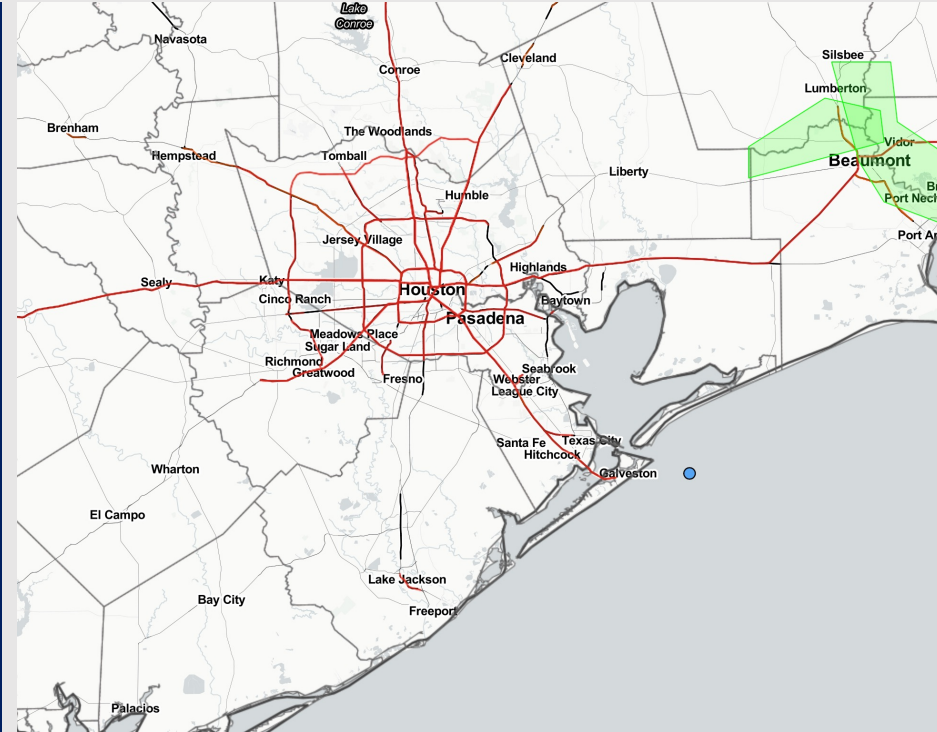
Forecaster: Vince Bryan

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: 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.

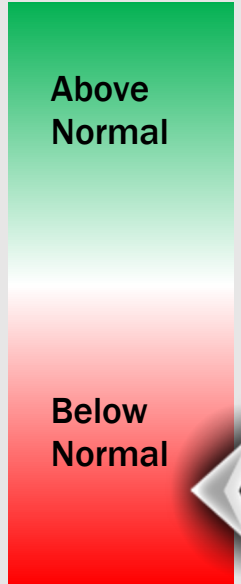
Houston Pilots Visibility Report



VISIBILITY

Confidence

No model data shows this threat on a future visibility image



TIMEFRAME DISCUSSED	THREAT
12 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 Midnight between 11/12 and the boarding station and continue in a patchy nature through the morning hours.
- 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 4-8 AM
- It is rather unlikely that any one location sees 12 hours worth of fog with breaks here and there likely.

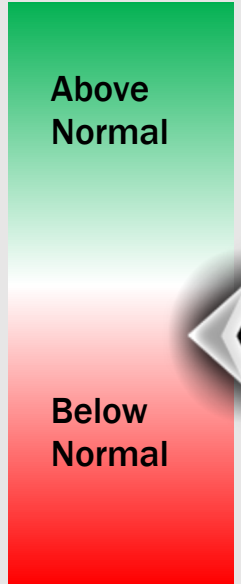
Houston Pilots Visibility Report



VISIBILITY

Confidence

No model data shows this threat on a future visibility image



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 fog 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 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.



Saturday 2/11/23

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



Friday 2/10/23

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



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

Houston Pilots: Mon. 2/6/2023



Forecast Discussion

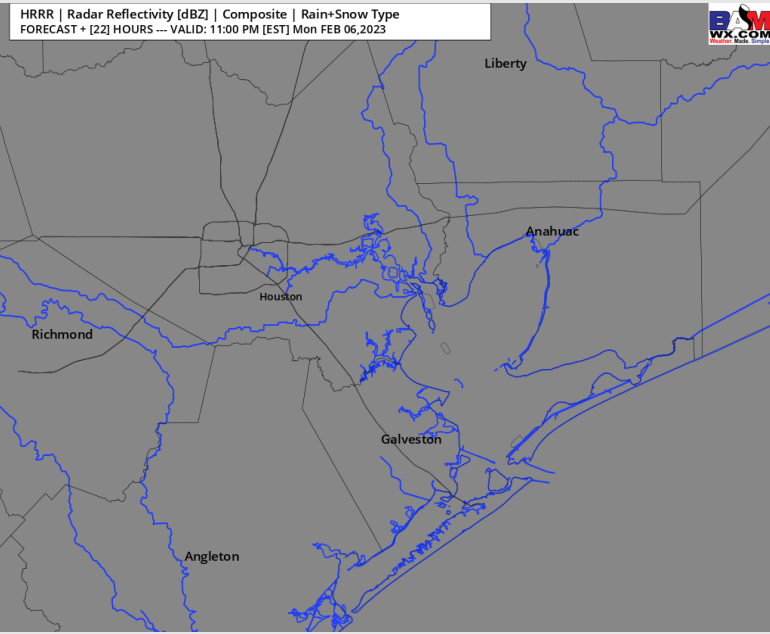
Precip: Anticipating dry conditions. (<10% chance of a sprinkle after sundown)

Wind: Sustained winds will be from the SSE. Winds will start out light for the early AM hours at 5-10 kts but will increase to 10 – 15 kts by 10 AM south of Morgan’s Point and 11 AM north of Morgan’s Point. Winds will remain as such for the rest of the day. **Wind gusts of 15-20 kts will be possible across all stations from 11 AM – 6 PM.**

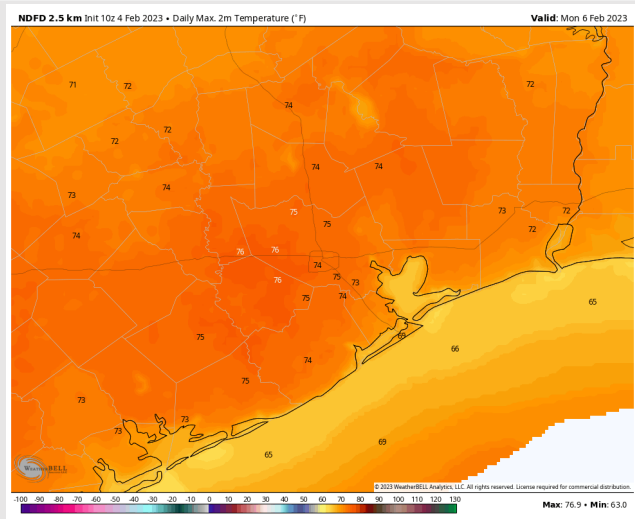
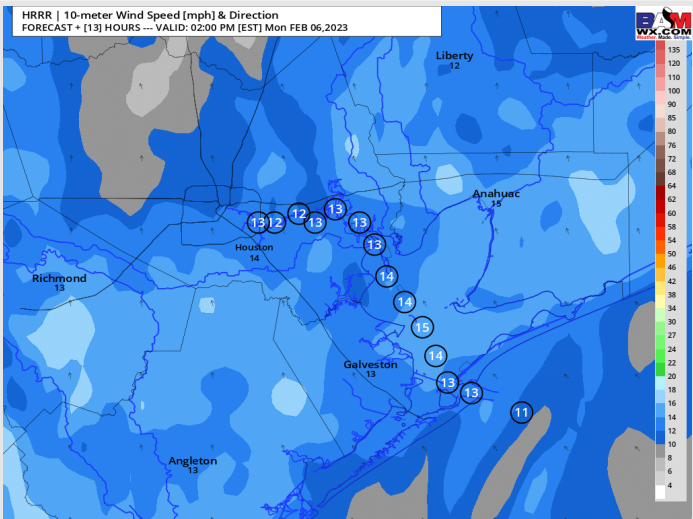
Temps: High temperatures Monday will be in the mid 70s F north of Morgan’s Point and in the mid to upper 60s F south of Morgan’s Point.

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

Precip Forecast: 10 PM CT



Wind Speed
1 PM CT



High Temps
Today

Forecast Discussion

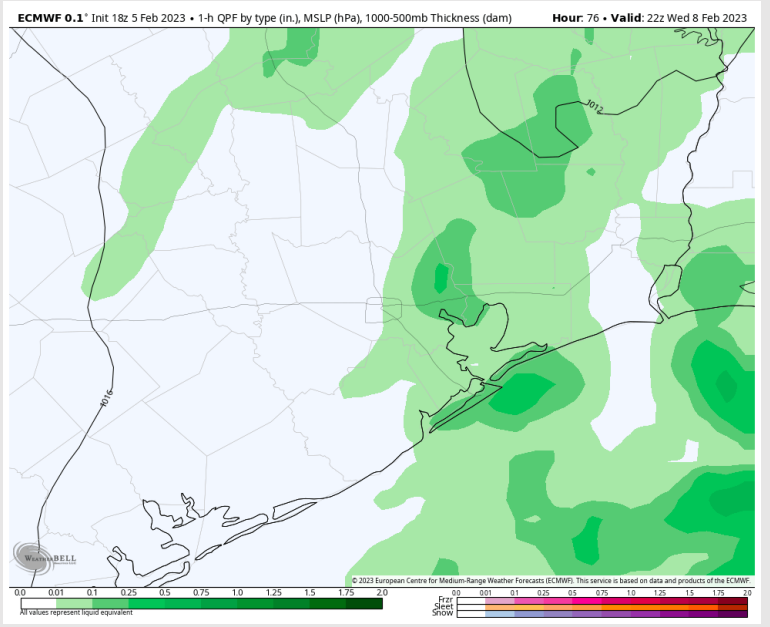
Precip: Light scattered showers will be around for the AM hours with better rain chances coming at 3 PM – 6 PM (70%). After 8 PM favoring dry conditions for the rest of the evening.

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.**

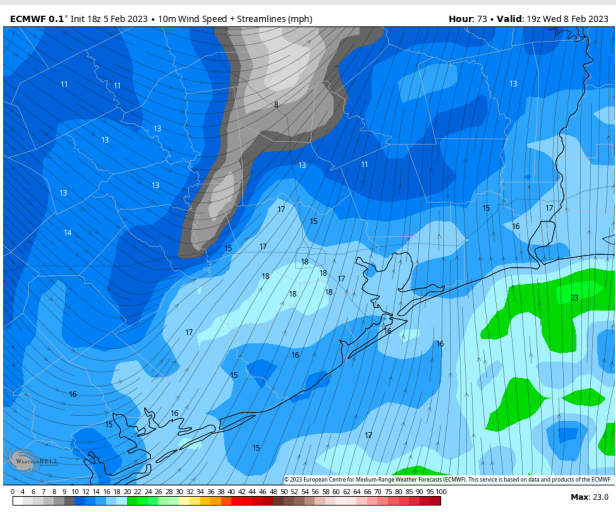
Temps: High temperatures Wednesday will be in the mid to lower 60s F across all stations.

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.

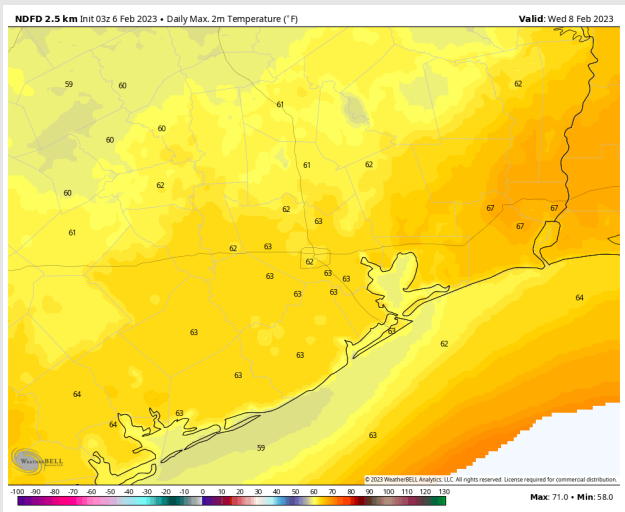
Precip Forecast: 4 PM CT



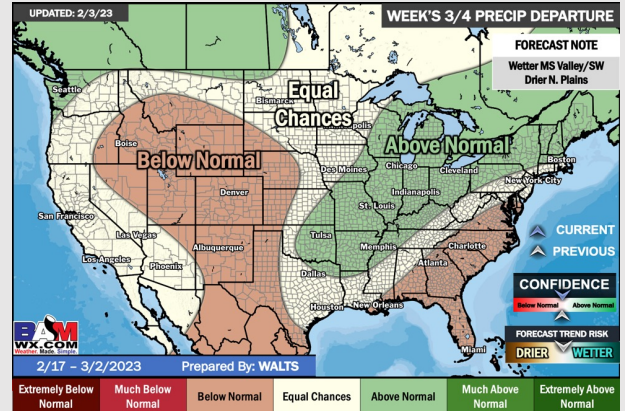
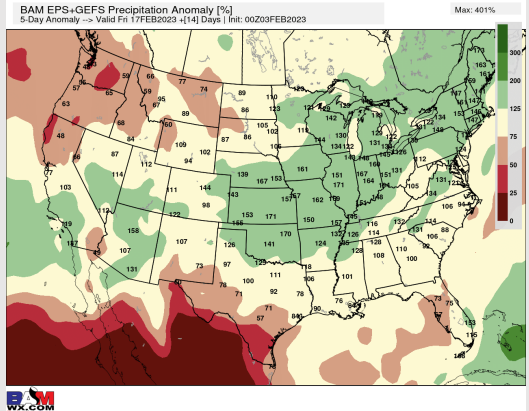
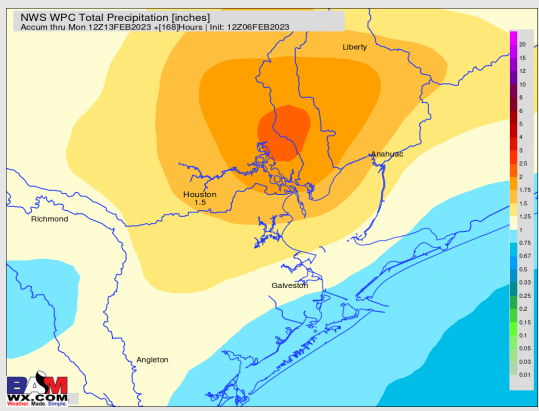
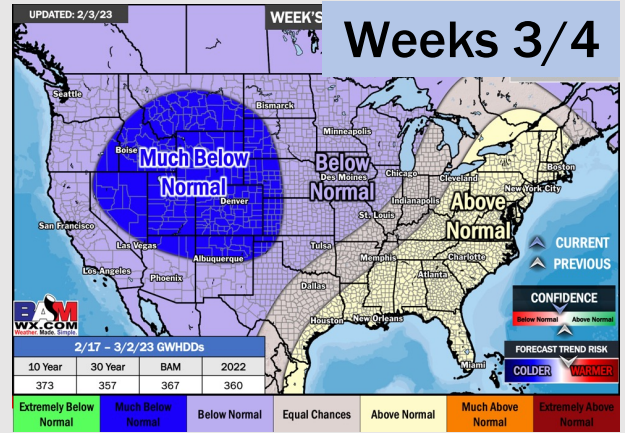
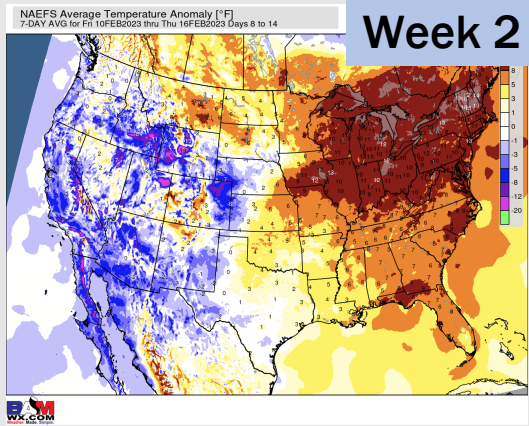
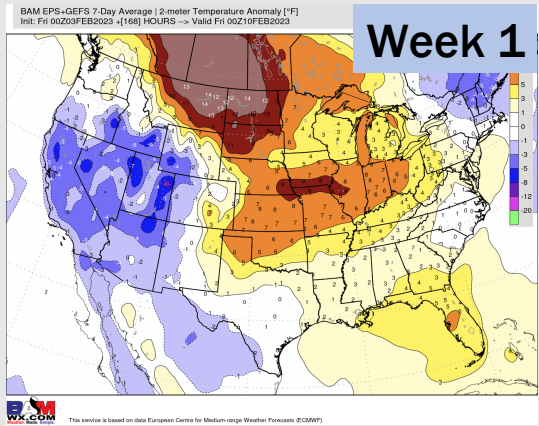
Wind Speed
1 PM CT



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 above normal temperatures for the week 2 timeframe.
- Equal chances for precipitation and above normal temperatures favored in the week 3/4 timeframe.