

# Houston Pilots Forecast Package



Updated: 4:30 AM CT

Sunday, January 22, 2023

Forecaster: Alyssa McClung

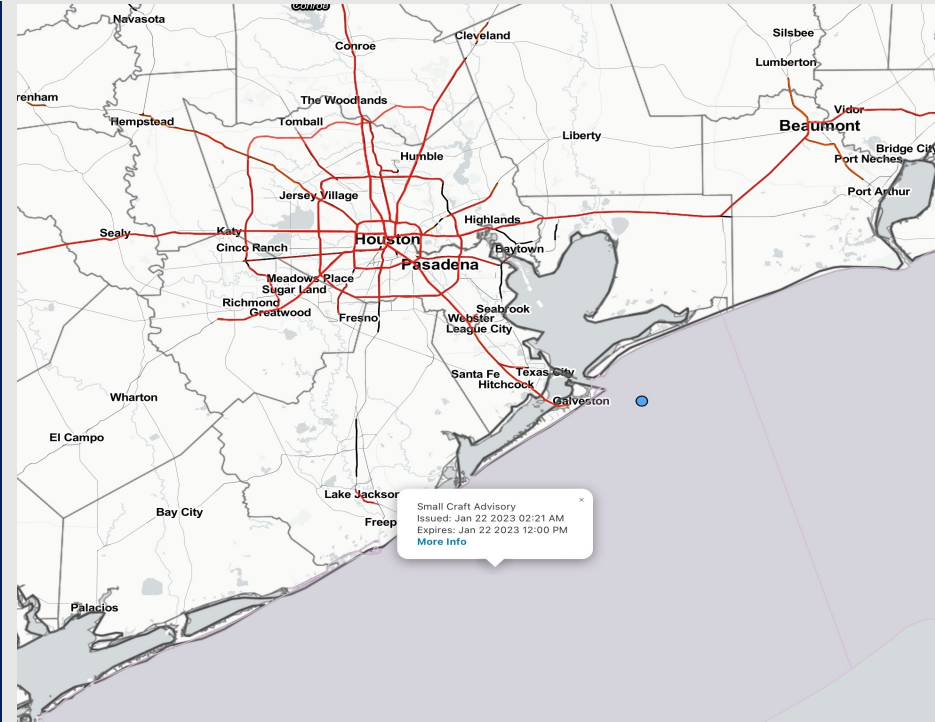
## Weather Headlines

➤ A few pockets of mist will be possible south of Morgan's Point that could put visibilities in the 4 - 6 Mile range. Not anticipating any fog concerns over the next few days.

➤ Today and Monday will be dry days with substantial rain entering the region towards the mid-week timeframe.

➤ Today will hold calmer sustained winds with gusts of 25+ being possible. Tuesday looks to be a very gusty day ahead of a cold front, where gusts could reach as high as 40 - 45 kts in the afternoon. Please see further details on each daily slide.

➤ Worth keeping eyes out on Wednesday - Thursday next week for low water levels over the bay from prolonged elevated NW winds.



**Radar/NWS Alerts: 4:30 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 Extended Range Visibility Report



## Wednesday 1/25/23

Winds will be from the NW throughout the day, making fog unlikely. Need to watch for potential low water levels across the bay as winds may be particularly strong.



## Thursday 1/26/23

Northwesterly winds will continue for Thursday, albeit at calmer speeds than on Wednesday.



## Friday 1/27/23

Friday will hold light and variable winds, with a southeasterly wind favored by the time we reach the afternoon. Low levels of the atmosphere will be too dry to support fog.



## Chance for Reduced Visibility

Wednesday AM	Unlikely
Wednesday PM	Unlikely
Thursday AM	Unlikely
Thursday PM	Unlikely
Friday AM	Unlikely
Friday 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	Sun 2am	Sun 3am	Sun 4am	Sun 5am	Sun 6am	Sun 7am	Sun 8am	Sun 9am	Sun 10am	Sun 11am	Sun 12pm	Sun 1pm	Sun 2pm	Sun 3pm	Sun 4pm	Sun 5pm	Sun 6pm	Sun 7pm	Sun 8pm	Sun 9pm	Sun 10pm	Sun 11pm	Mon 12am	Mon 1am	Mon 2am	Mon 3am	Mon 4am	Mon 5am	Mon 6am	Mon 7am	Mon 8am	Mon 9am	Mon 10am	Mon 11am	Mon 12pm	Mon 1pm			
610 Bridge	4	3	6	6	5	3	5	8	9	10	10	9	9	9	9	9	7	6	5	5	5	5	5	5	6	7	8	8	8	7	7	6	7	8	7	8	7	8	
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Kinder 1	4	3	6	6	5	4	5	8	9	10	10	9	10	9	9	9	7	6	5	5	5	5	5	5	6	7	8	8	8	7	6	6	7	7	8	7	8		
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Greens Bayou	4	3	6	6	5	4	5	9	9	10	10	9	10	10	9	9	7	6	5	5	5	5	5	6	7	8	8	8	7	6	6	7	7	8	7	8			
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Shell Crude	4	3	6	7	5	4	5	9	9	10	10	9	10	9	9	9	7	6	5	5	5	5	6	6	7	9	8	8	7	6	6	7	7	8	8	8			
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Lynchburg Ferries	4	2	6	7	6	4	5	9	9	10	10	10	10	10	9	9	7	6	5	5	5	5	5	6	7	8	8	8	7	6	6	7	7	8	7	8			
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Exxon 3	5	3	6	7	6	5	5	9	9	10	10	9	9	9	8	7	7	6	5	5	5	5	6	7	7	8	8	8	7	6	7	7	8	8	8	8			
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Morgans Point	6	4	7	9	8	7	7	10	10	11	10	10	9	9	8	10	9	8	7	6	6	7	7	8	8	10	10	10	9	8	8	8	8	8	8	8	9		
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# Houston Pilots: Sun. 1/22/2023



## Forecast Discussion

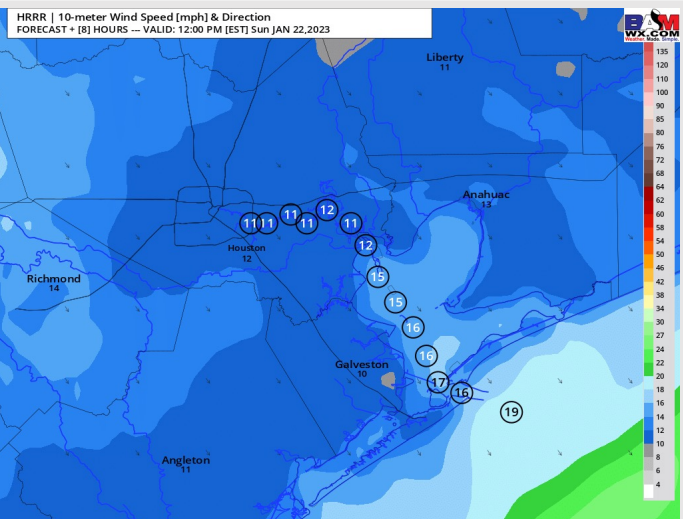
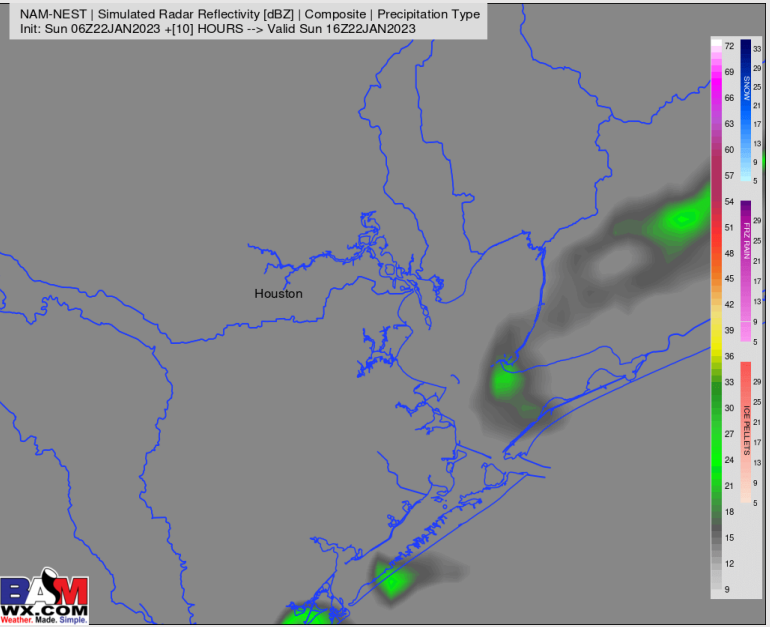
**Precip:** Anticipating a 10% chance for light scattered showers to work through until 10 AM. After 10 AM anticipating dry conditions the rest of the day.

**Wind:** Sustained winds out of the NNW throughout the day Sunday. Winds at 12-18 kts for all stations until 8 AM. After 8 AM winds gradually decrease back down to 4-9 kts for the rest of the day. Gusts of 20-25 kts possible through 3 PM today.

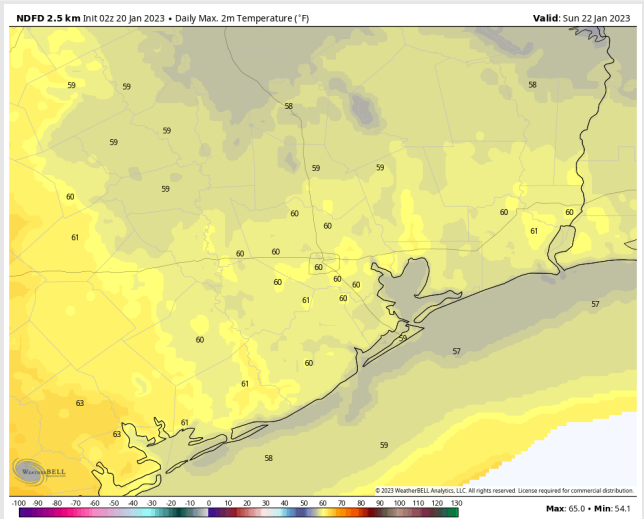
**Temps:** High temperatures Sunday in the upper 50s for all stations.

**Visibility:** Visibilities may be slightly reduced due to misty conditions through 6 - 7 AM. However not favoring fog to be a concern at this time.

## Precip Forecast: 10 AM CT



Wind Speed  
11 AM CT



High Temps  
Today

# Houston Pilots: Mon. 1/23/2023



## Forecast Discussion

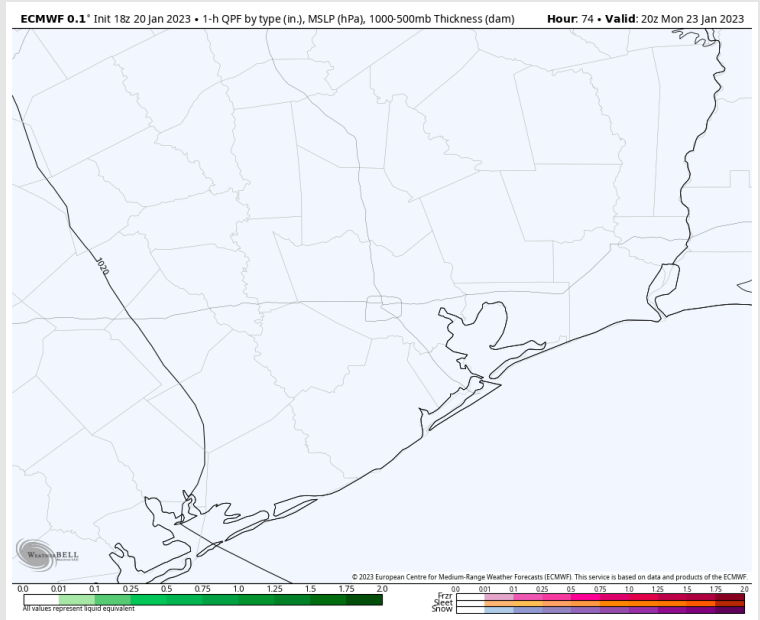
**Precip:** Anticipating a dry day for Monday. A 10% chance for a sprinkle will be possible at the Boarding Station in the early afternoon.

**Wind:** Sustained winds from the NNE will slowly veer from the east by the evening, and ESE by midnight. Winds N of Morgan's Point will start out at 5 to 9 kts and S of Morgan's Point will be more elevated at 9 – 16 kts. By 12 PM winds will be at 10 – 16 kts across all stations and remain as such for the rest of the day. Winds at the Boarding Station will be slightly elevated at 14 – 19 kts after 12 PM. **Wind gusts of up to 22 kts will be possible across all stations from the 11 AM – 6 PM timeframe.**

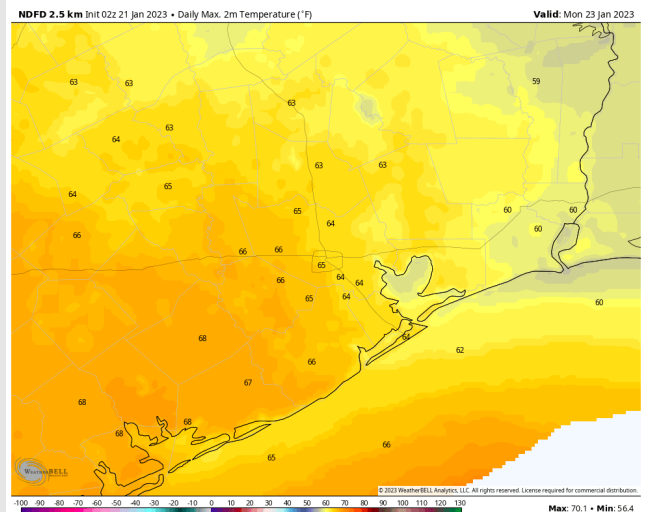
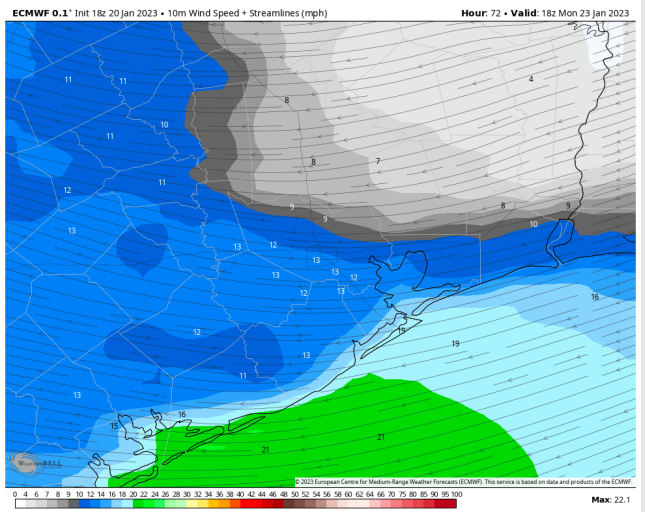
**Temps:** High temperatures Monday will be in the mid to lower 60s F across all stations.

**Visibility:** Not anticipating any visibility concerns at this time.

## Precip Forecast: 2 PM CT



Wind Speed  
12 PM CT



High Temps  
Monday

## Forecast Discussion

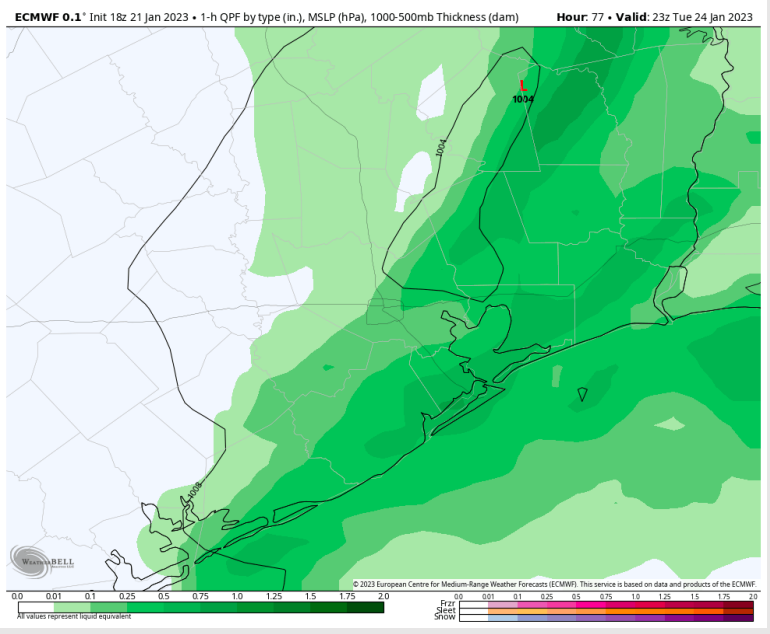
**Precip:** Anticipating dry conditions until about 4 AM. After 4 AM showers and thunderstorms will begin to fill in the region throughout the morning hours, with the heaviest of rain occurring from 10 AM – 7 PM. Anticipating the cold front to pass through the region by 8 PM, brining dry conditions for the late evening hours.

**Wind:** Sustained winds from the ENE in the AM hours will slowly begin to veer from the south by 3 PM and then WNW in the late evening towards midnight. Winds will be around 8 – 13 kts N of Morgan's point and 13 - 19 kts S of Morgan's Point during the AM hours, with increasing winds to 17 – 23 kts across all stations by 12 PM. For the afternoon hours (12 PM – 6 PM) winds will generally stay sustained at 17 – 23 kts, with the strongest winds S of 37/38 where winds will be in the 25 – 30-kt range. After 9 PM winds will wane slightly to 15 – 23 kts across all stations. **Wind gusts will be strongest between 1 – 7 PM at the 38 – 45 kt-range.**

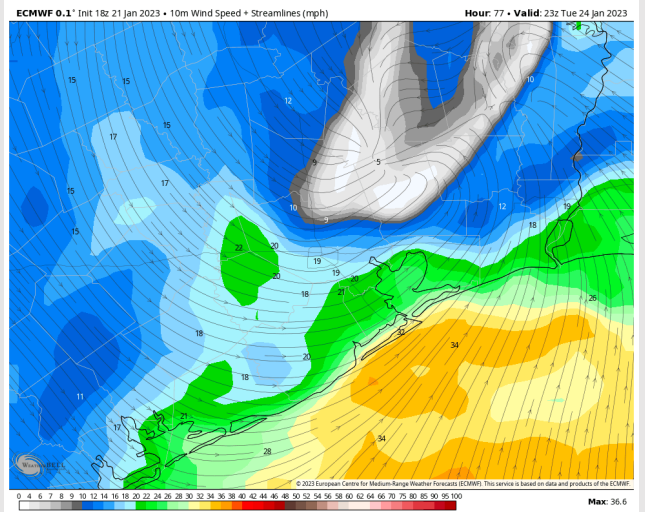
**Temps:** High temperatures Tuesday will be in the mid 60s F across all stations.

**Visibility:** Not anticipating a fog threat for visibility concerns, however heavy rain, especially during the 1 PM – 6 PM timeframe could reduce visibilities to less than 2 miles at times.

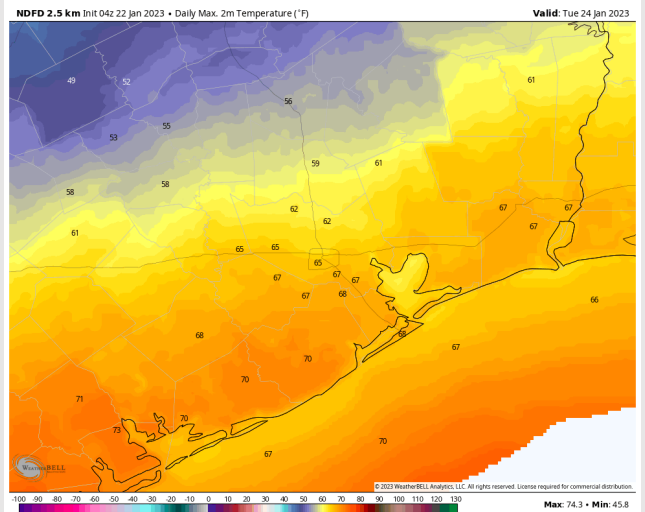
## Precip Forecast: 5 PM CT



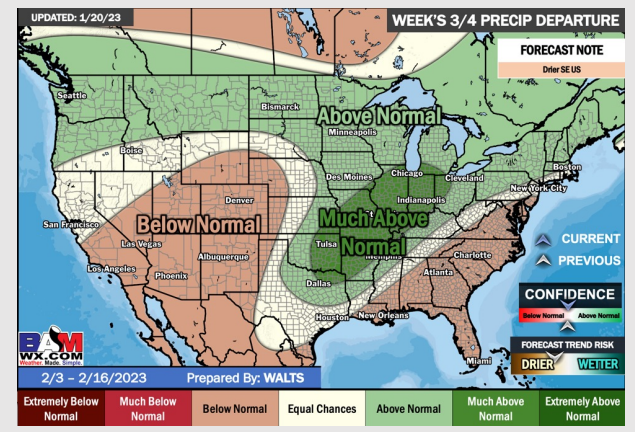
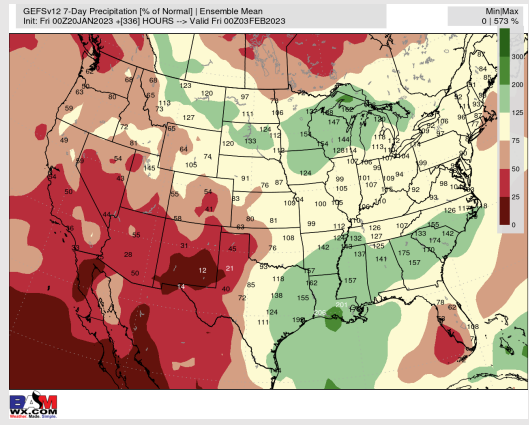
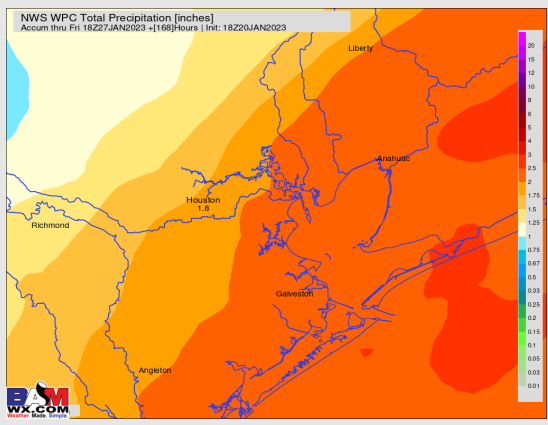
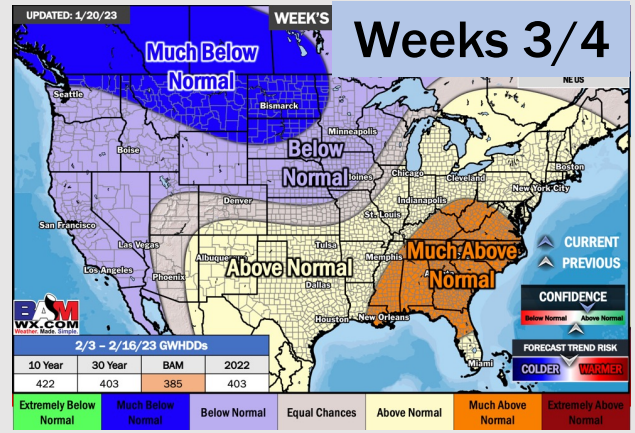
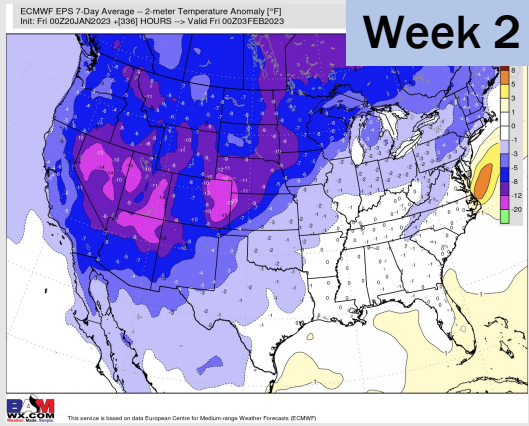
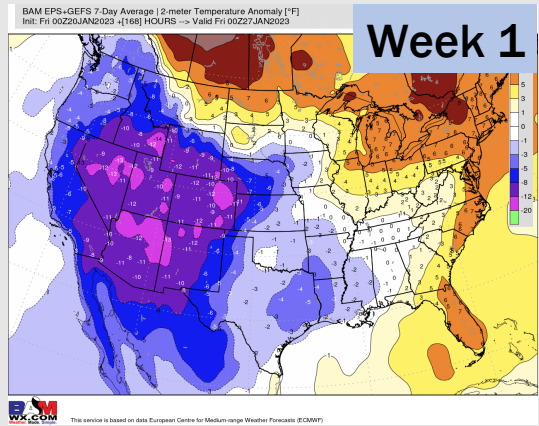
Wind Speed  
5 PM CT



High Temps  
Tuesday



# Houston Pilots: 1/22/23



- Next rain chances come Saturday and the following Tuesday will leading to a slightly more active pattern vs average. Temps will be below normal.
- Above normal precipitation and near normal temperatures are expected for the 2 week timeframe.
- Near normal precipitation chances and above normal temperatures expected in the weeks 3/4 timeframe.