

# Houston Pilots Forecast Package



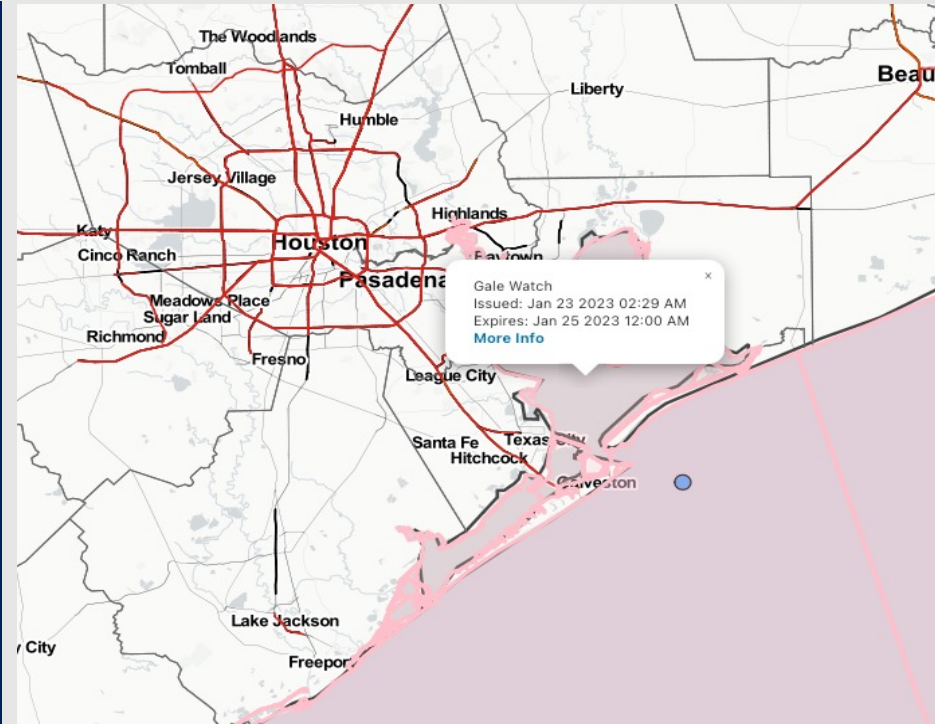
Updated: 6:00 AM CT

Monday, January 23, 2023

Forecaster: Vince Bryan

## Weather Headlines

- Not favoring any fog concerns at this time. High confidence exists that fog will not be concern at least through Thursday.
- Today will be dry with substantial rain entering the region Tuesday AM. **1 - 2 inches of rain will be possible on Tuesday with a few locally higher amounts possible.**
- **Elevated winds will be in the cards over the next 72 hours in the 10 - 20 kt range. 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 for lower water levels over the bay from prolonged elevated NW winds.



**Radar/NWS Alerts: 6:00 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 Extended Range Visibility Report



## Thursday 1/26/23

Northwesterly winds are expected for Thursday with dry air making fog highly unlikely.



## Friday 1/27/23

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



## Saturday 1/28/23

SE winds will be possible in the 10 – 15 kt range making sea fog possible, however it will take some time for the low levels of the atmosphere to saturate.



## Chance for Reduced Visibility

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

# Houston Pilots Visibility Report



Time	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	Tue 4pm			
610 Bridge	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	4	3	2	2	2	2	2	4	4			
Kinder 1	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	5	5	4	4	3	2	3	4	4			
Greens Bayou	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	7	6	5	6	5	2	3	4	4			
Shell Crude	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	9	9	7	9	8	2	3	4	4			
Lynchburg Ferries	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	9	9	7	9	8	2	3	3	4			
Exxon 3	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	9	9	9	9	8	2	3	3	4			
Morgans Point	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	9	9	9	9	8	3	3	3	4			
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1 & 2 Bravo	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	9	9	9	9	7	8	2	3	6

# Houston Pilots Wind Report



## Confidence



## Example

Sustained wind 13 Knots  
Gusts 18 Knots  
Wind from the N

WS: 13  
G:18  
N

Time Knots	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	Tue 4pm	
610 Bridge	5	3	2	2	6	6	8	8	7	7	7	8	7	5	3	7	8	9	9	10	12	12	12	14	15	16	18	19	20	22	25	26	26	24	22	22	
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Kinder 1	5	3	2	2	6	6	7	8	7	7	7	8	7	5	3	7	8	9	9	10	12	12	13	14	15	16	18	18	20	22	25	26	26	24	22	22	
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Greens Bayou	5	4	2	2	6	6	7	8	7	7	7	7	7	5	3	7	8	9	9	10	12	11	13	14	15	16	17	18	20	22	24	26	26	25	23	23	
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Shell Crude	5	4	2	2	6	6	7	8	7	7	7	7	7	5	4	7	8	9	9	10	11	11	13	14	15	16	17	18	20	22	24	26	26	25	23	23	
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Lynchburg Ferries	5	4	2	2	6	6	7	8	7	7	7	7	6	4	4	8	8	9	9	11	11	12	13	14	15	16	17	17	19	21	24	25	25	25	23	23	
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Exxon 3	6	5	3	3	6	6	7	7	7	7	7	7	6	5	4	8	9	9	10	11	11	12	13	14	16	16	17	18	19	21	23	25	25	25	24	24	
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Morgans Point	8	8	6	5	7	7	8	8	8	8	7	6	7	8	8	10	10	11	12	12	12	13	14	15	17	18	19	20	21	23	24	24	24	24	24	24	
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1 & 2 Bravo	20	17	15	13	13	13	13	14	14	13	14	14	14	16	16	17	19	19	20	21	21	22	23	24	25	27	27	27	28	28	29	28	30	29	30	29	
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## Forecast Discussion

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

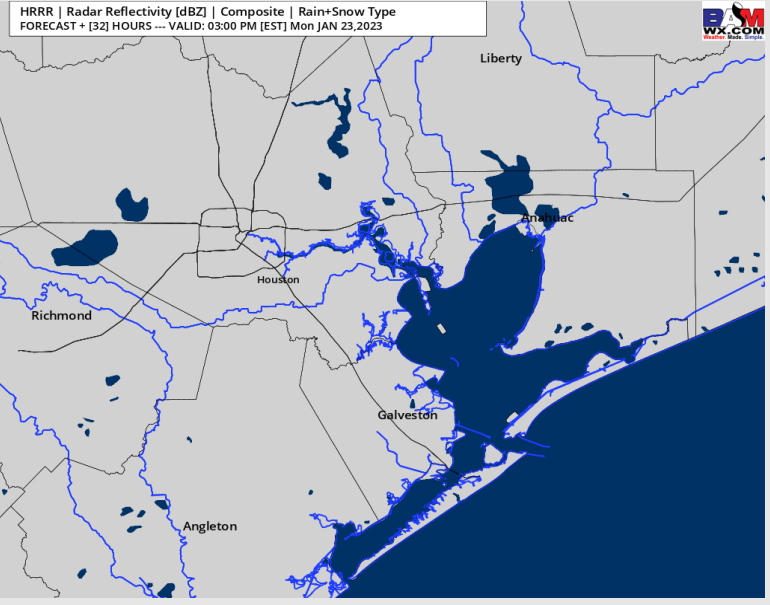
**Wind:** Sustained winds from the NNE will shift from the E by ~4 PM and ESE by midnight. Winds N of Morgan's Point will start out at 5 to 9 kts and S of Morgan's Point will be more elevated at 15-25 kts. By 10 AM winds will be at 13- 18 kts across all stations and remain as such for the rest of the day. Winds at the Boarding Station will be slightly elevated at 15 – 20 kts after 12 PM.

**Wind gusts of up to 25 kts will be possible across all stations from the 11 AM – 6 PM timeframe.**

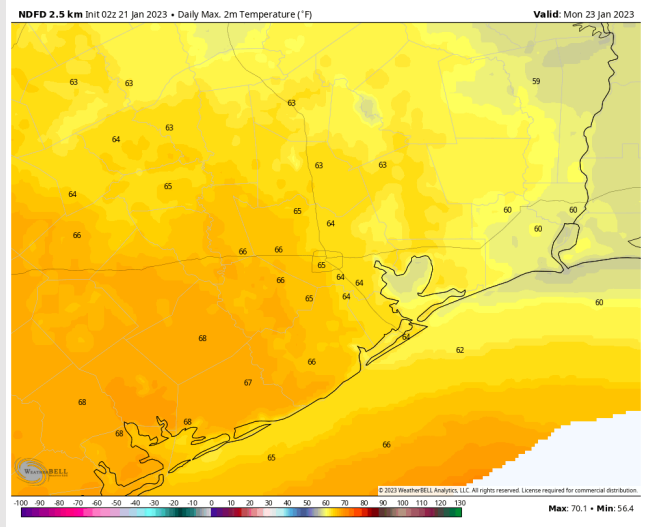
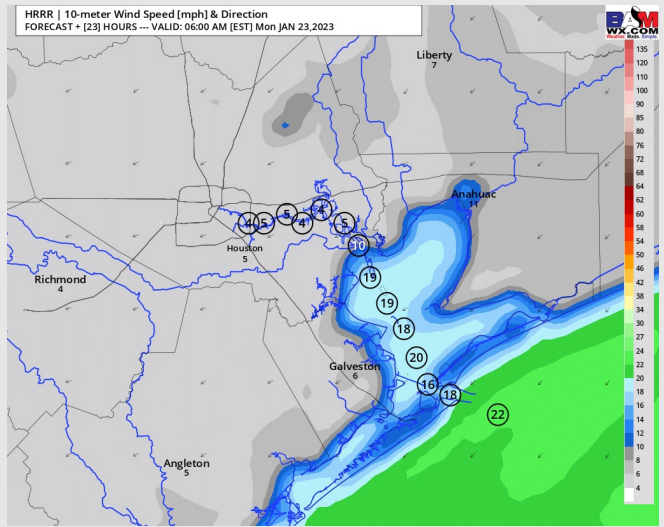
**Temps:** High temperatures Monday will be in the mid to lower 60s F across all stations.

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

## Precip Forecast: 2 PM CT



Wind Speed  
7 AM CT



High Temps  
Today



# Houston Pilots: Tue. 1/24/2023



## Forecast Discussion

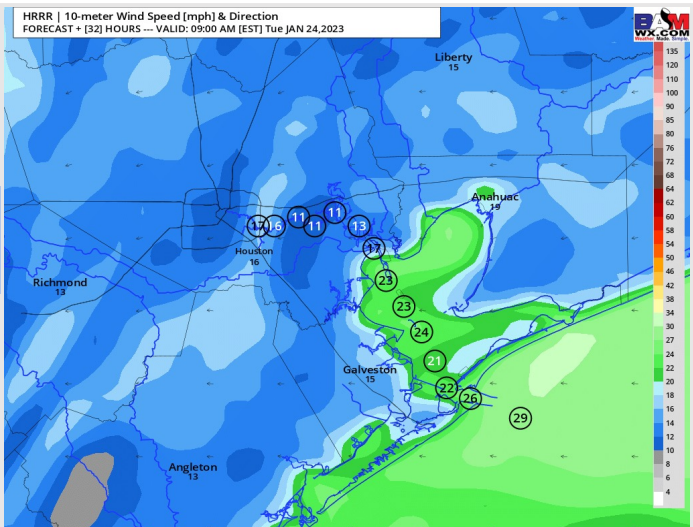
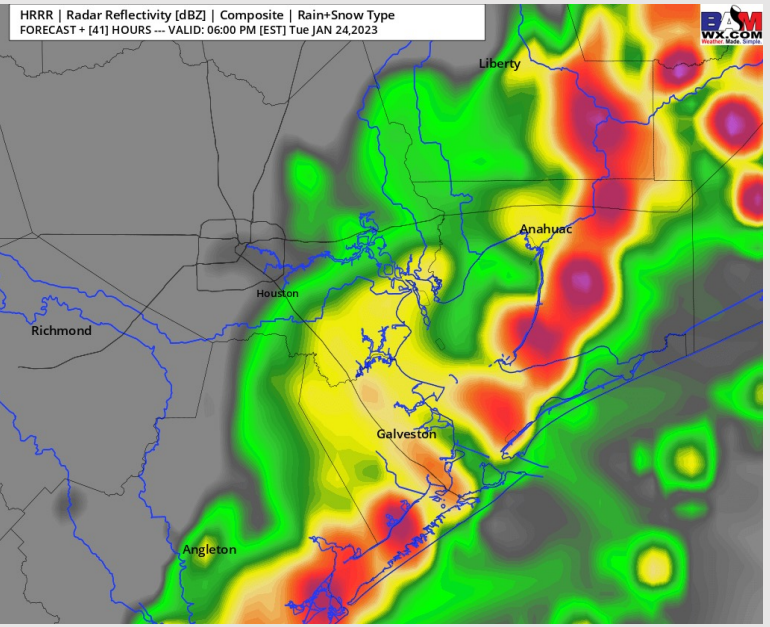
**Precip:** Anticipating dry conditions until about 8 AM. After 8 AM showers and potentially thunderstorms will begin to fill in the region throughout the morning hours, with the heaviest of rain occurring from 10 AM – 7 PM. Anticipating the cold front to pass through the region by 8 PM, bringing dry conditions for the late evening hours. **The risk for severe weather will be present 1 – 6 PM where heavy rain, lightning, damaging winds will all be possible.**

**Wind:** Winds will be out of the E most of the day AM. N of Morgan’s Point is 13-18 knots with gusts 20-25 knots, S of Morgan’s Point is 20-25 knots and gusts 25-35 knots. **When the front passes winds turn more out of the S and there can be gusts of 40+ knots between 1 – 6 PM at stations S of Morgan’s Point.**

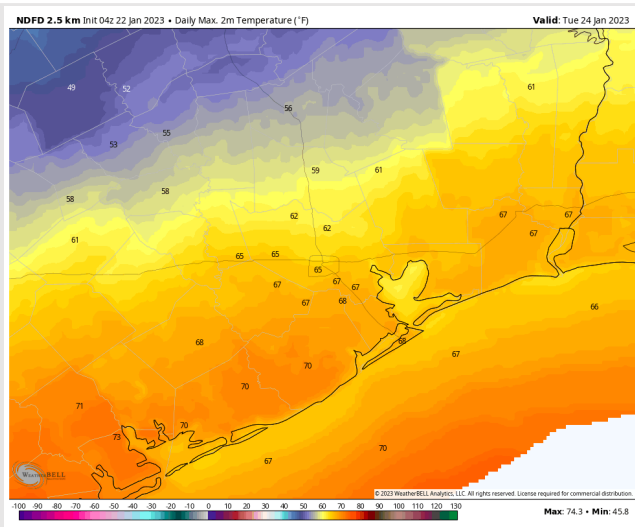
**Temps:** High temperatures Tuesday will be in the mid 60s F across all stations.

**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

## Forecast Discussion

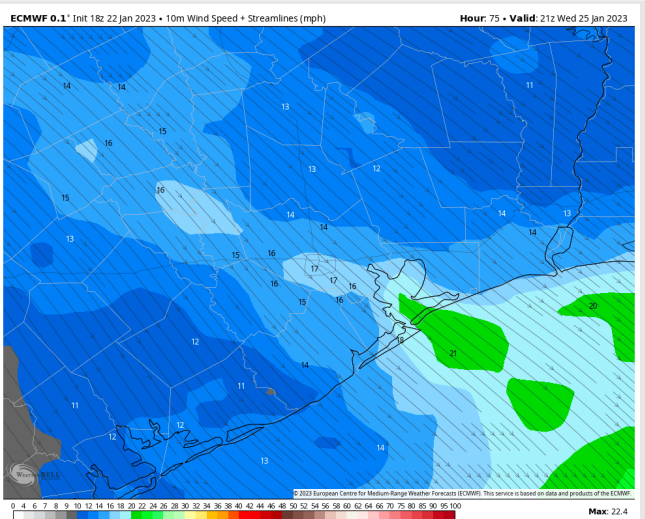
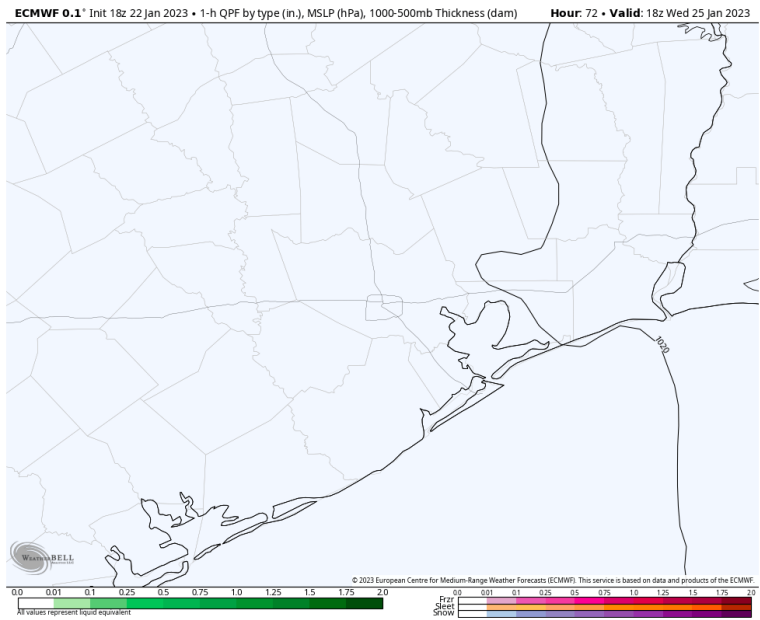
**Precip:** Anticipating dry conditions throughout the day.

**Wind:** Sustained winds will be from the NW for the entire day Wednesday. Winds N of Morgan's point will range from 10- 16 kts, and S of Morgan's Point will be more elevated at 14 – 19 kts. After 5 PM winds N of Morgan's Point will calm to 3 – 7 kts and winds S of Morgan's point will be at 9 – 15 kts. A few pockets of up to 17 kts will be possible at the boarding station after 5 PM. **Wind gusts at the Boarding Station in the AM hours could range between 25 – 30 kts from 1 – 10 AM. After 10 AM wind gusts of up to 25 kts will be possible across all stations until 5 PM.**

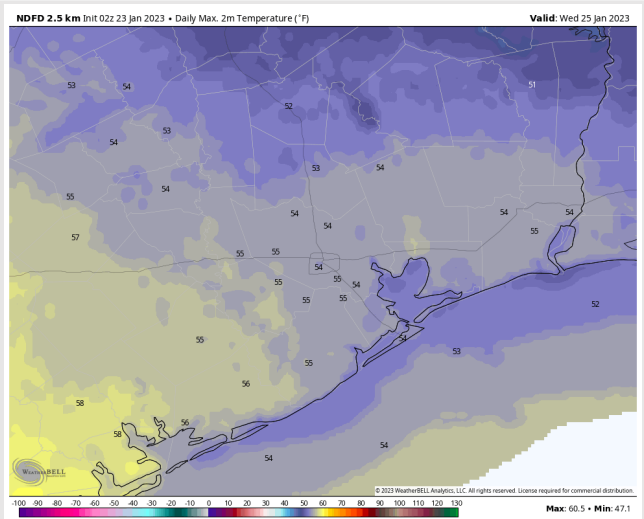
**Temps:** Much cooler behind the cold front. High temps Wednesday will be in the mid 50s F across all stations.

**Visibility:** Not favoring fog to be a concern at this time.

## Precip Forecast: 12 PM CT



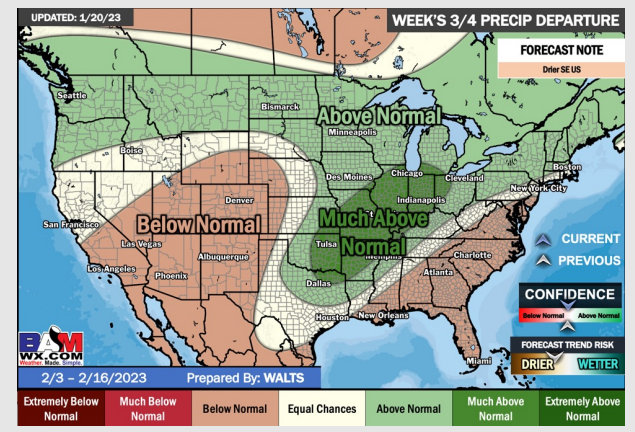
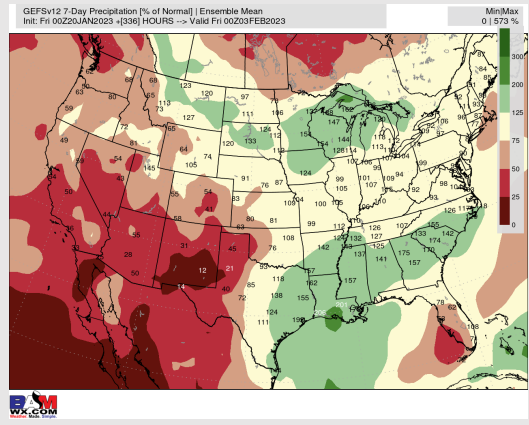
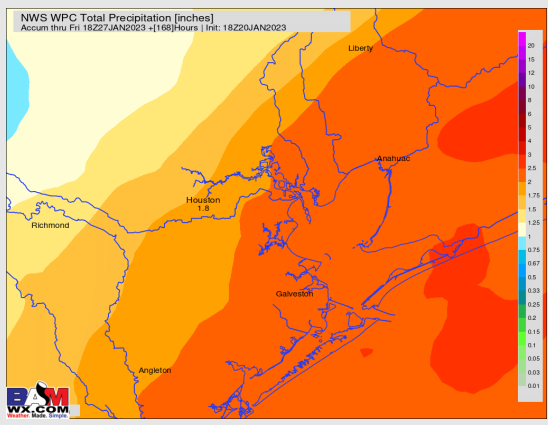
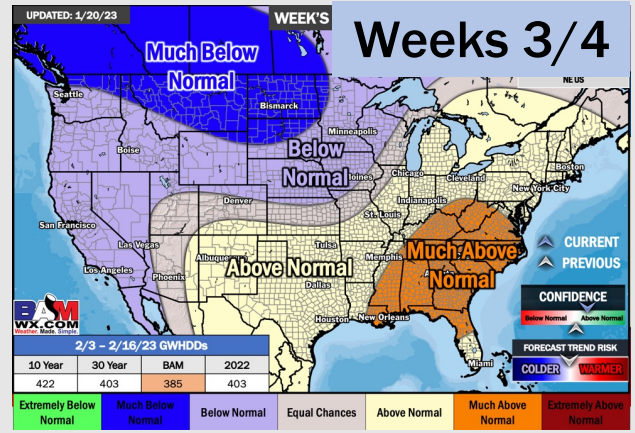
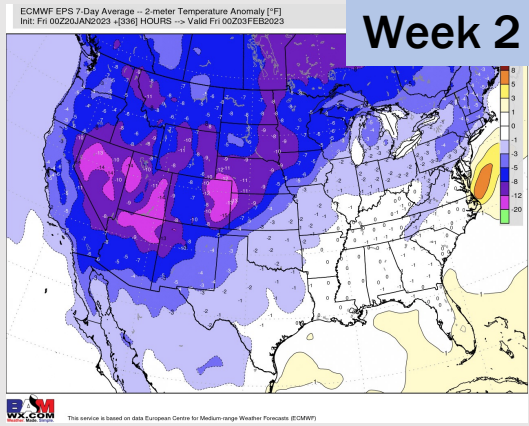
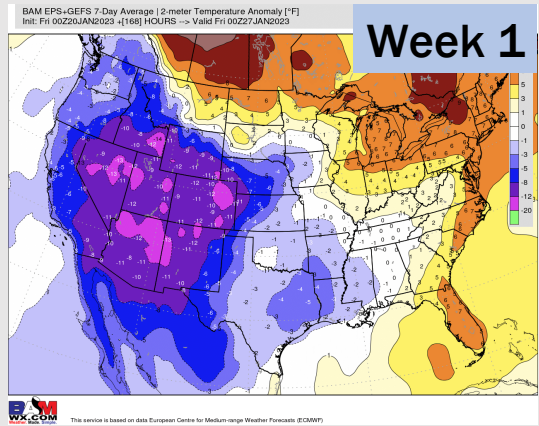
Wind Speed  
3 PM CT



High Temps  
Wednesday



# Houston Pilots: 1/23/23



- 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.