

Houston Pilots Forecast Package



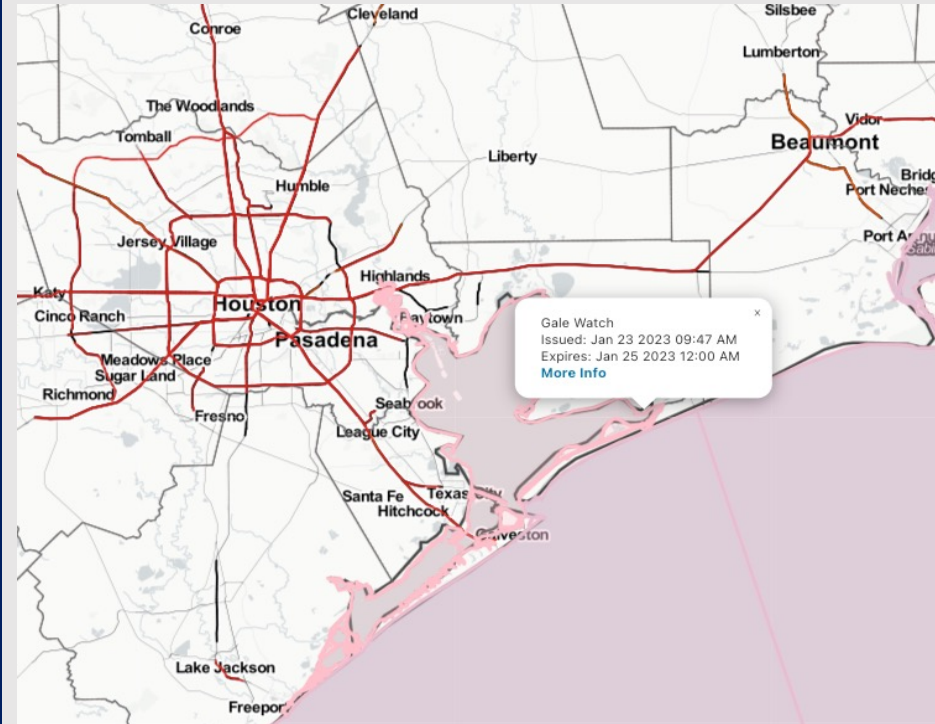
Updated: 1:40 PM CT

Monday, January 23, 2023

Forecaster: Will Danby

Weather Headlines

- Not favoring any fog concerns at this time. High confidence exists that fog will not be concern at least through Thursday.
- Anticipating dry conditions this afternoon and evening, with a slight (20% chance) for drizzle after 12 AM. Substantial rain will enter the region tomorrow morning around 8 AM. **1 - 2 inches of rain will be possible 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: 1:40 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 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



Confidence



Time	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	Wed 12am	
610 Bridge	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	6	4	2	2	1	2	2	2	3	6	10	10	10	10	10	10	10	10
Kinder 1	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	6	5	4	2	3	2	2	2	3	6	10	10	10	10	10	10	10	10
Greens Bayou	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	7	7	6	3	3	2	2	2	3	6	10	10	10	10	10	10	10	10
Shell Crude	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	8	8	8	5	5	2	2	2	3	6	10	10	10	10	10	10	10	10
Lynchburg Ferries	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	8	8	8	6	5	2	2	2	3	5	10	10	10	10	10	10	10	10
Exxon 3	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	8	8	8	7	6	2	2	2	3	5	10	10	10	10	10	10	10	10
Morgans Point	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	8	8	8	8	8	2	2	2	3	5	10	10	10	10	10	10	10	10
75/76	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	8	8	8	8	8	3	2	2	3	5	10	10	10	10	10	10	10	10
63/64	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	8	8	8	8	7	3	2	2	3	5	10	10	10	10	10	10	10	10
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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	8	8	8	5	3	2	1	2	6	8	7	10	10	10	10	10	10	10

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 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	Wed 12am
610 Bridge	9	6	6	6	6	6	5	6	6	6	6	7	8	8	14	15	16	19	19	20	22	23	26	26	24	23	25	25	22	21	21	20	21	22	22	
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Kinder 1	9	6	6	6	6	5	6	5	6	6	6	6	7	8	7	14	15	16	18	19	20	22	23	26	26	24	24	25	23	21	21	20	21	22	22	
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Greens Bayou	8	6	6	6	6	5	5	5	6	6	6	7	7	8	7	14	16	16	18	18	20	22	23	25	26	24	25	24	25	22	21	21	20	21	22	22
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Shell Crude	8	7	6	6	6	5	5	5	6	6	6	7	7	8	7	14	15	16	18	18	20	21	23	25	25	24	25	24	24	22	21	21	20	20	22	22
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Lynchburg Ferries	8	7	6	6	6	5	4	5	5	5	5	7	7	7	7	14	16	16	18	18	19	21	23	25	25	24	24	23	24	22	20	21	19	19	21	21
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Exxon 3	8	7	6	6	5	4	4	4	4	4	5	7	6	7	7	14	16	16	18	18	19	20	23	24	24	24	24	24	22	20	21	19	19	20	20	
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Morgans Point	9	8	6	6	5	6	7	6	7	6	7	10	9	10	10	15	17	18	19	19	20	21	24	24	24	24	24	24	23	20	21	19	18	20	19	
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1 & 2 Bravo	15	14	14	14	14	14	16	16	16	18	19	18	19	19	19	23	24	26	26	27	29	29	30	29	31	31	32	31	30	28	28	25	25	24	23	23
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Houston Pilots: Mon. 1/23/2023



Forecast Discussion

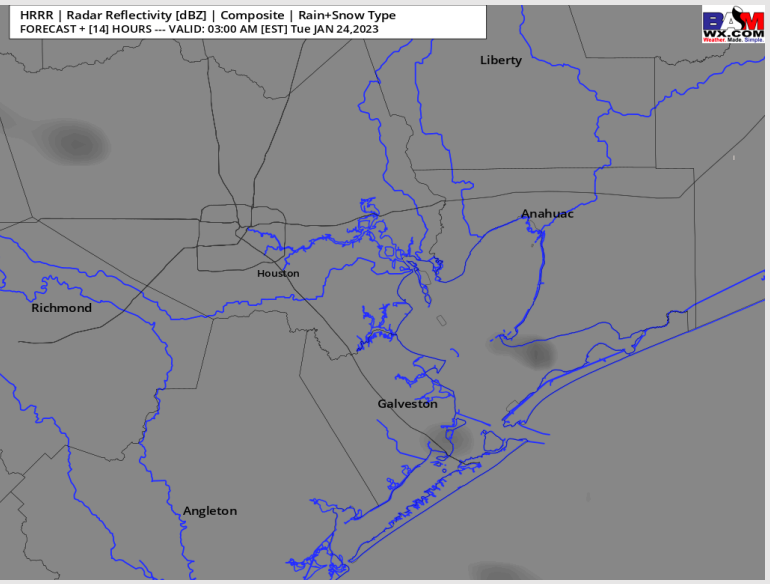
Precip: A few pockets of light drizzle will be possible after 12 AM across all stations. Chance of drizzle is 20%. There will be a 30% chance for showers north of Morgan's Point by 5 AM.

Wind: Sustained winds from the E this afternoon with slight veering from the ESE towards midnight. Winds N of Morgan's Point will be 3 – 8 kts and S of Morgan's Point will be 10 – 15 kts. Winds at the Boarding Station will be in the same range, but slowly increasing towards 14 – 20 kts as we approach the midnight hour. **Wind gusts can range from 21 – 24 kts after 9 PM mainly at the Boarding Station and 11/12.**

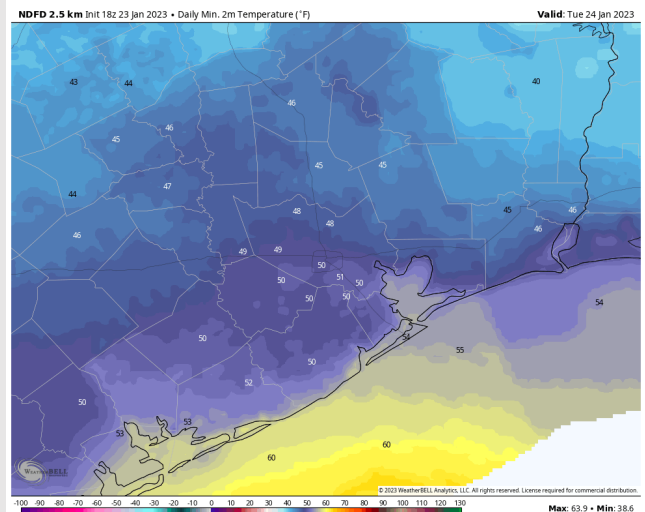
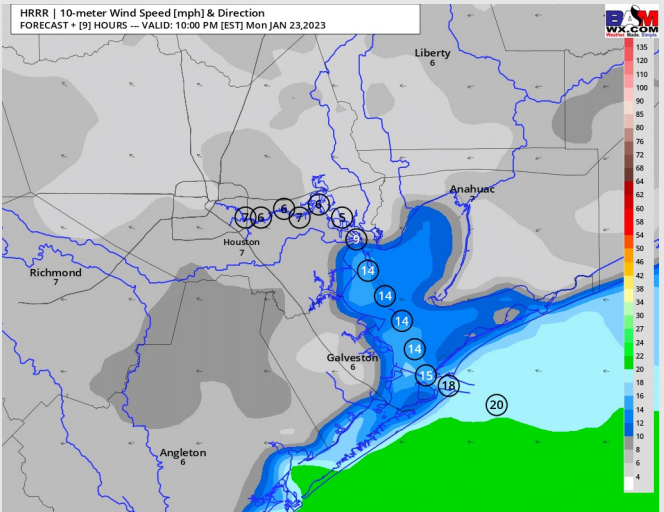
Temps: Low temperatures Tuesday AM will be in the lower 50s F N of Morgan's Point and in the mid 50s F S of Morgan's Point.

Visibility: Not anticipating any visibility concerns at this time.

Precip Forecast: 3 AM CT



Wind Speed 9 PM CT



Low Temps Tue AM

Houston Pilots: Tue. 1/24/2023



Forecast Discussion

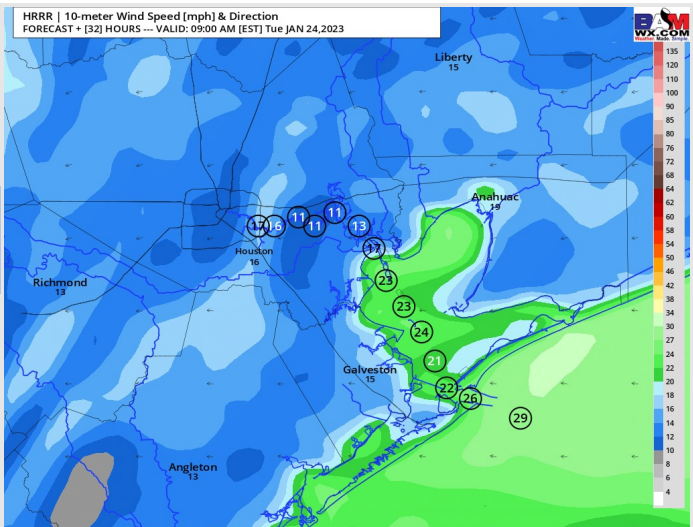
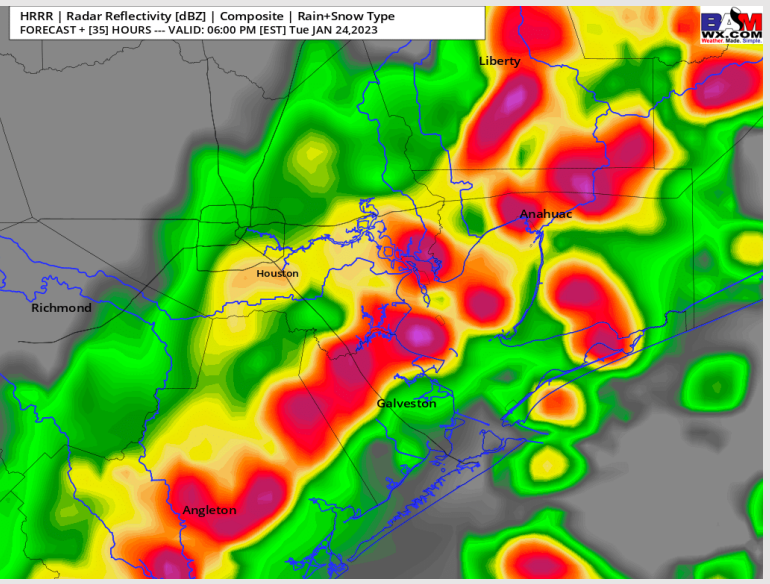
Precip: Anticipating dry conditions until about 8 AM. After 8 AM showers and potentially thunderstorms will begin to fill in the region throughout the morning hours, with the heaviest of rain occurring from 10 AM – 7 PM. Anticipating the cold front to pass through the region by 8 PM, bringing dry conditions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

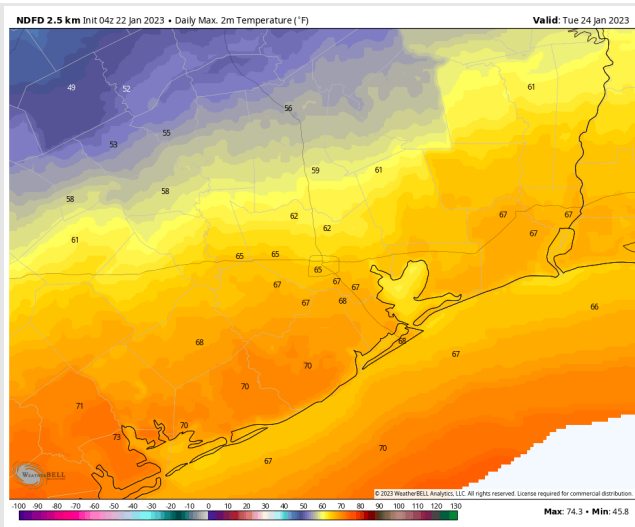
Temps: High temperatures Tuesday will be in the mid 60s F across all stations.

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

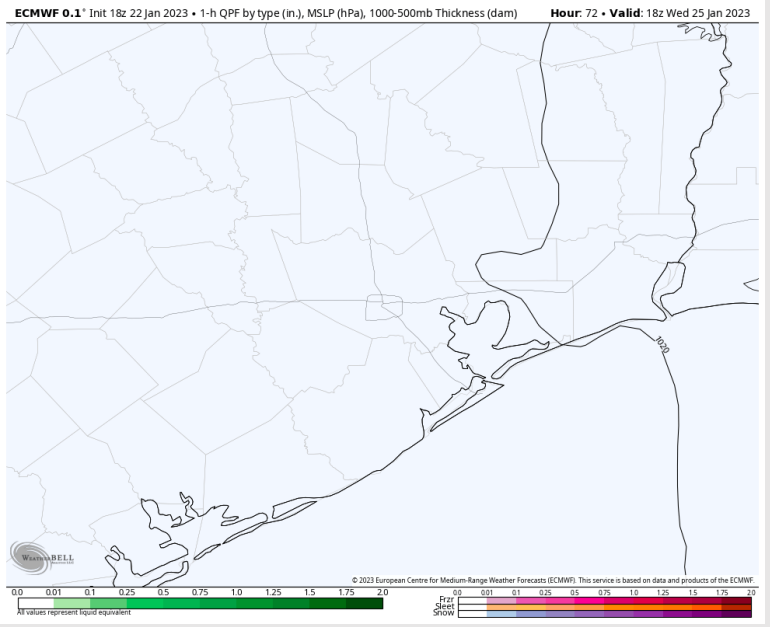
Precip: Anticipating dry conditions throughout the day.

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.**

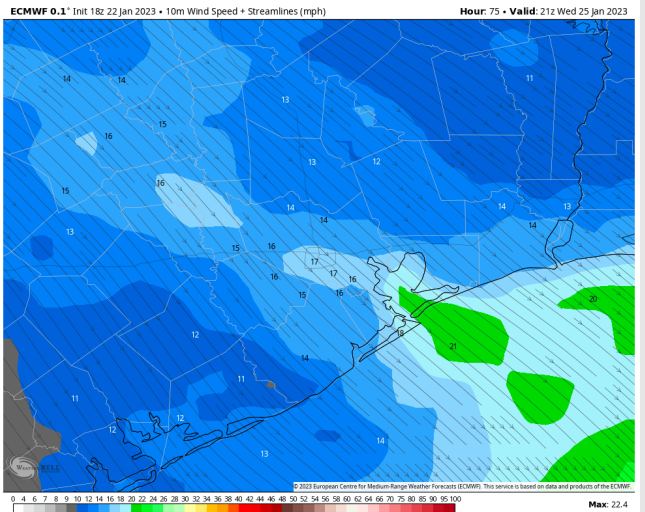
Temps: Much cooler behind the cold front. High temps Wednesday will be in the mid 50s F across all stations.

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

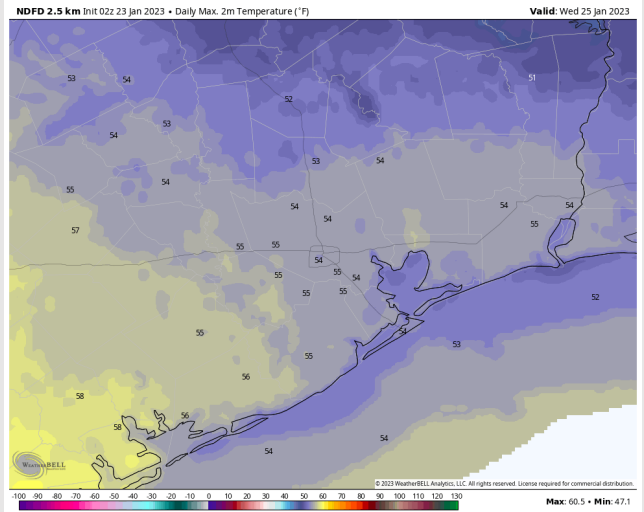
Precip Forecast: 12 PM CT



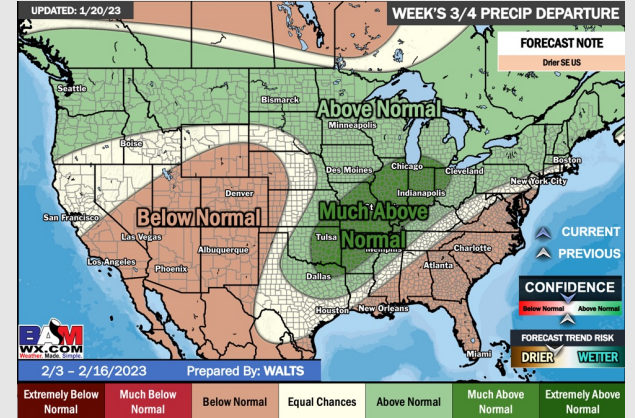
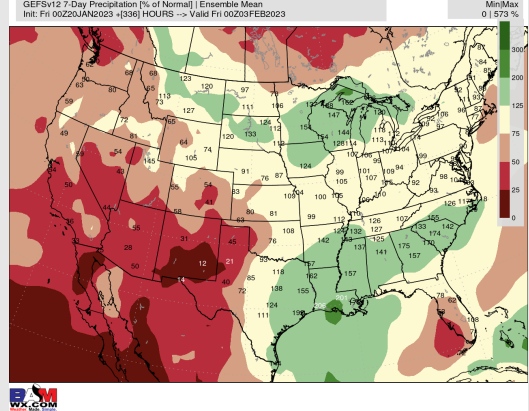
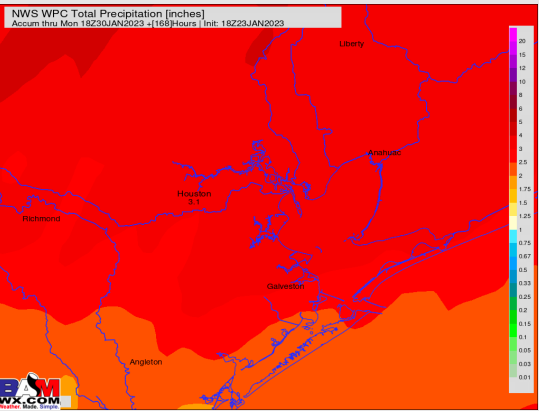
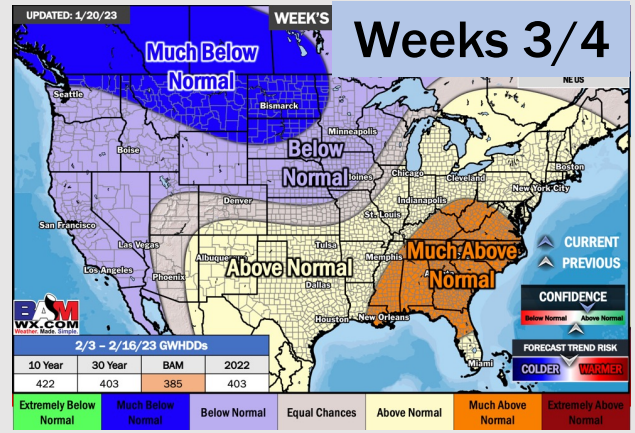
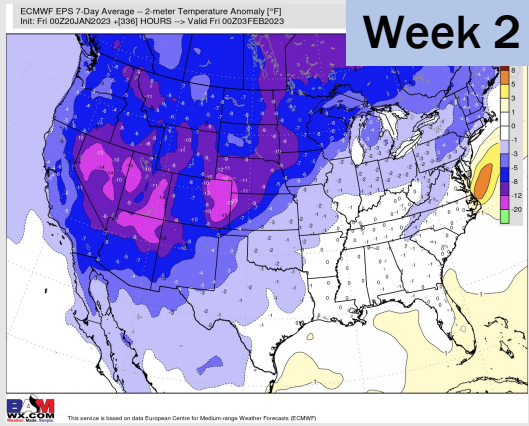
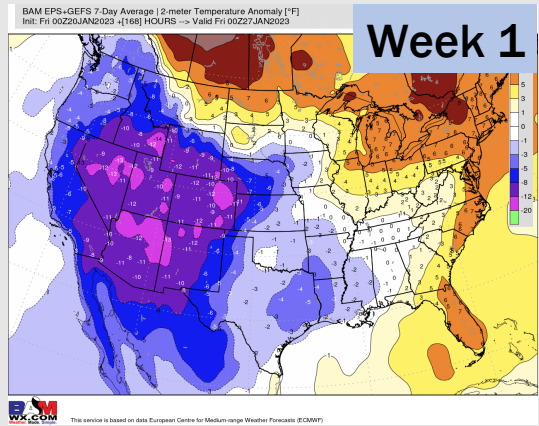
Wind Speed
3 PM CT



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.