

Houston Pilots Forecast Package



Updated: 5:00 AM CT

Wednesday, January 18, 2023

Forecaster: Alyssa McClung

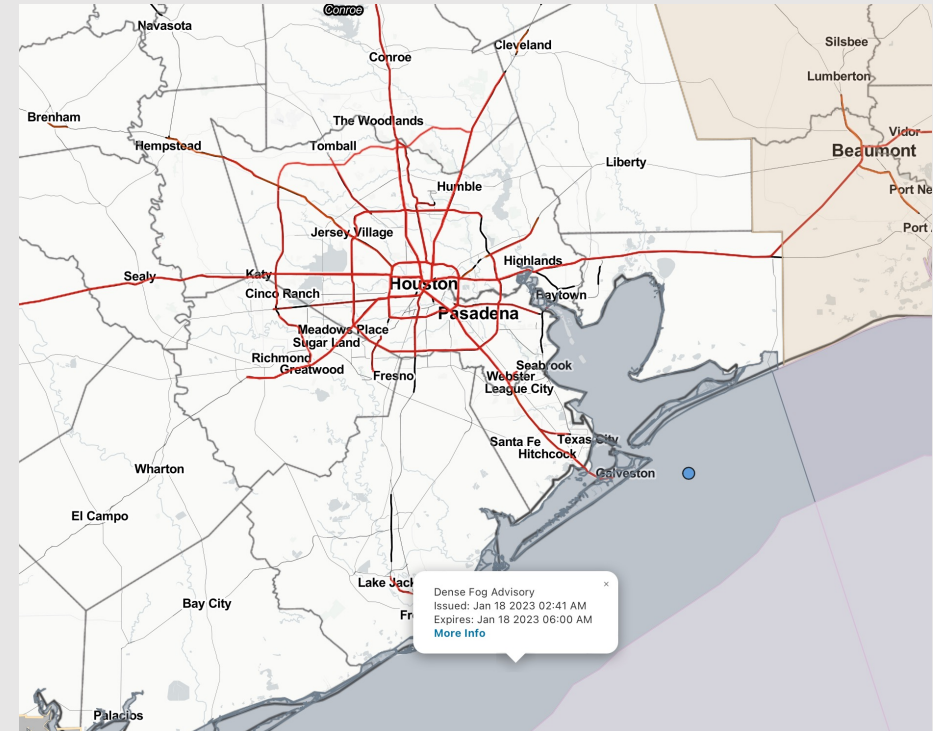
Weather Headlines

➤ Patchy fog with a few pockets of dense fog will be possible from Morgan's Point to the Boarding Station. Fog chances will be wiped after 4 PM once the cold front pushes through.

➤ Today and Friday look to be rainy days with a dry period for Thursday.

➤ Elevated winds will be in the cards today with the risk of the Boarding Station seeing gusts 20+ knots ahead of the cold front. Friday also holds elevated gusts of up to 24 kts. Thursday features calmer winds primarily in the 5 – 10 kt range.

➤ After the cold front passes through Wednesday PM, sea fog should not be an issue through Sunday.



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.

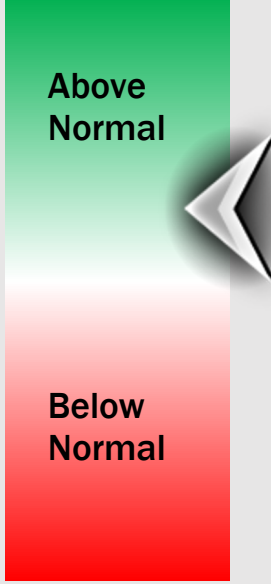
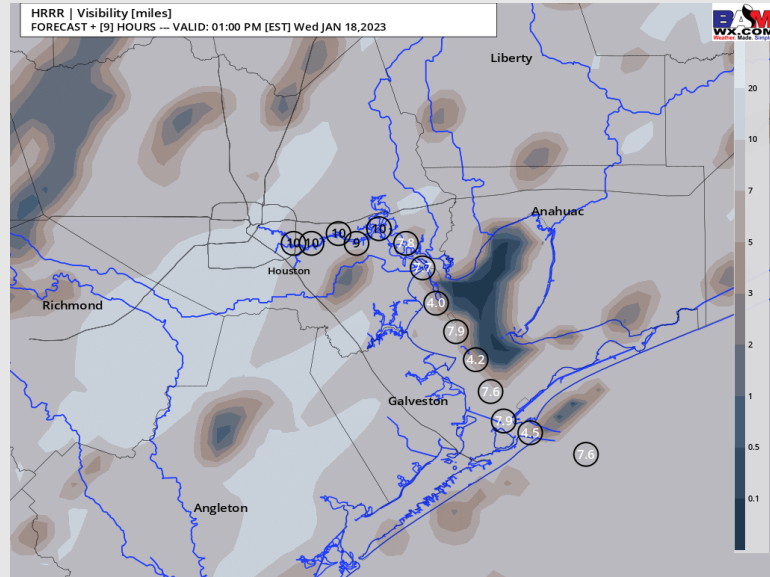
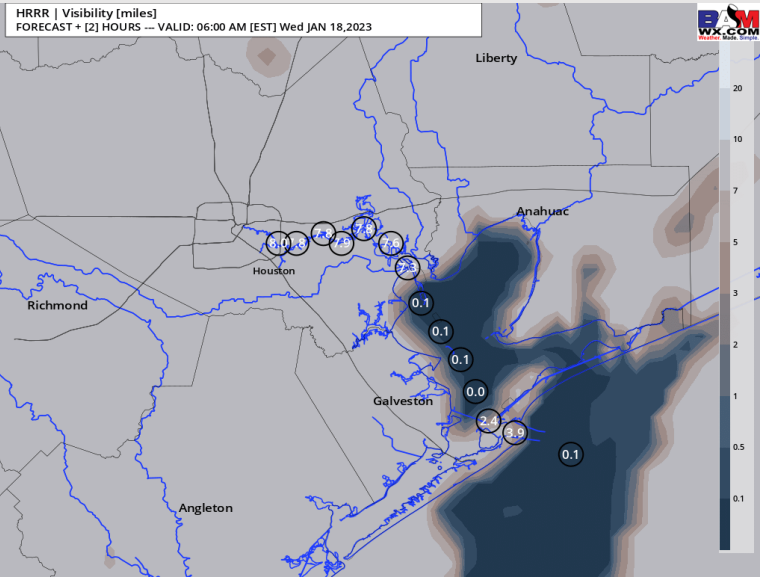
Houston Pilots Visibility Report



5 AM WED VISIBILITY

12 PM WED VISIBILITY

Confidence



TIMEFRAME DISCUSSED	THREAT
CURRENT - 4 PM WED	Medium

- Favoring areas of patchy fog to be between Morgan’s Point and the Boarding Station. Favoring visibilities to be within the 3 - 5-mile range throughout the late morning hours.
- A couple of areas could experience denser fog with visibilities less than two miles, but favoring this to be quite patchy nature with lower confidence that it will exist.
- The cold front looks to work through the area around 4 PM and it will wipe out fog chances moving into the evening hours.

Houston Pilots Extended Range Visibility Report



Saturday 1/21/23

Easterly winds for Saturday with the possibility of them shifting from the N by the afternoon. Visibility reduction could be possible due to moderate rain but not fog.



Sunday 1/22/23

Northerly to northwesterly winds favored for Sunday making fog highly unlikely.



Monday 1/23/23

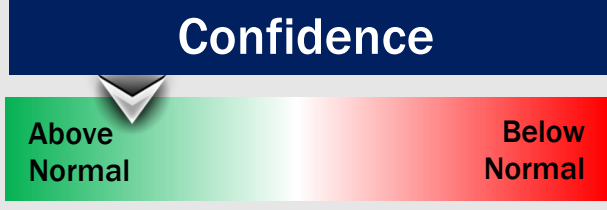
Winds flip from the East again on Monday to perhaps ENE by the PM hours.



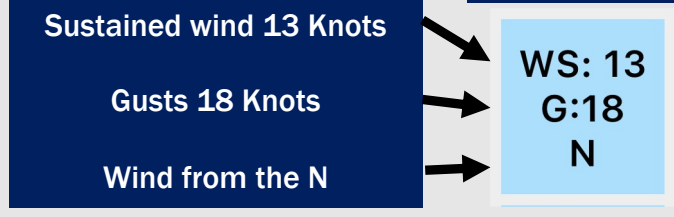
Chance for Reduced Visibility

Saturday AM	Unlikely
Saturday PM	Unlikely
Sunday AM	Unlikely
Sunday PM	Unlikely
Monday AM	Unlikely
Monday PM	Unlikely

Houston Pilots Wind Report



Example



Time Knots	Wed 3am	Wed 4am	Wed 5am	Wed 6am	Wed 7am	Wed 8am	Wed 9am	Wed 10am	Wed 11am	Wed 12pm	Wed 1pm	Wed 2pm	Wed 3pm	Wed 4pm	Wed 5pm	Wed 6pm	Wed 7pm	Wed 8pm	Wed 9pm	Wed 10pm	Wed 11pm	Thu 12am	Thu 1am	Thu 2am	Thu 3am	Thu 4am	Thu 5am	Thu 6am	Thu 7am	Thu 8am	Thu 9am	Thu 10am	Thu 11am	Thu 12pm	Thu 1pm	Thu 2pm	
610 Bridge	3	5	5	5	5	6	8	9	8	7	7	11	8	6	2	4	5	5	7	8	9	11	11	10	10	10	10	9	10	10	10	11	12	10	9	8	7
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Kinder 1	3	4	5	5	5	6	7	9	8	7	7	11	8	6	2	4	5	5	6	7	9	11	10	10	10	10	9	10	10	10	11	11	10	9	8	7	
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Greens Bayou	3	4	5	5	5	6	7	8	8	7	8	11	8	6	2	4	4	5	6	7	9	11	10	10	10	10	9	10	10	10	11	11	10	9	8	7	
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Shell Crude	3	4	4	5	5	5	7	9	8	8	7	10	8	7	3	4	4	5	6	7	8	10	10	10	10	10	9	10	10	10	11	11	10	9	8	7	
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Lynchburg Ferries	4	5	4	5	5	5	7	9	8	9	8	9	8	7	3	5	4	5	6	7	8	10	10	10	10	10	9	9	9	11	11	10	9	8	7		
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Exxon 3	5	5	5	6	6	6	8	9	8	9	9	7	9	7	4	5	5	5	7	7	9	10	9	10	9	9	9	9	10	11	11	9	9	8	7		
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Houston Pilots: Wed. 1/18/2023



Forecast Discussion

Precip: A few hit and miss light showers (30-40%) will be possible through the morning hours. 11 AM – 4 PM looks to be the best window (60-70%) for showers and thunderstorms associated with the next cold front. While a few stronger thunderstorms are possible, the better severe weather risk sits a bit north of the area.

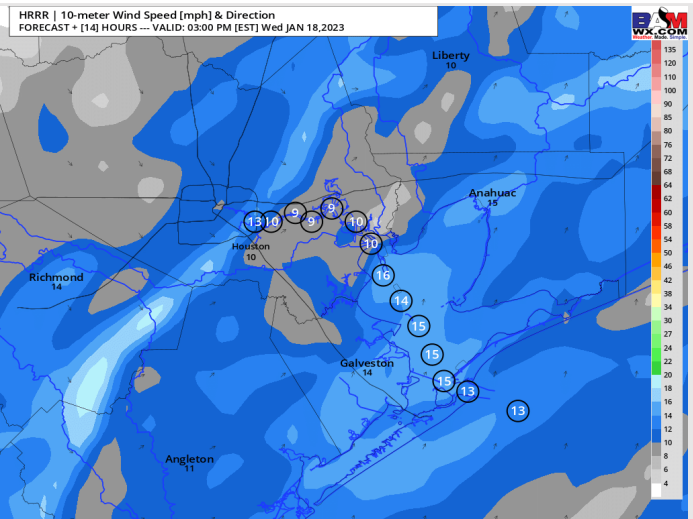
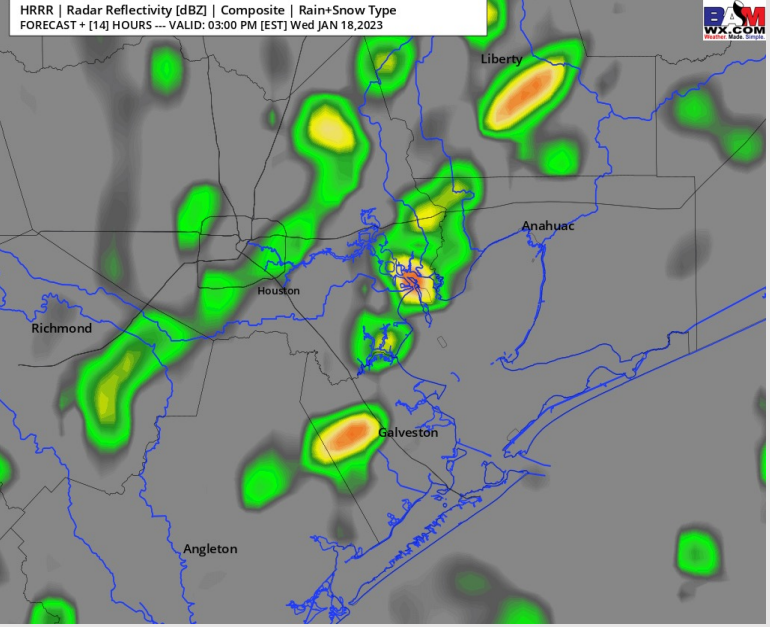
Wind: SSE winds in the AM will eventually shift to the NW between 4-6 PM thanks to a cold front. Winds north of Morgan’s Point will start out at 5-10kts and south of Morgan’s Point will be slightly elevated at 10-15 kts. By 1 PM winds will increase even more south of Morgan’s Point to 13-18 kts just ahead of the cold front. Once the front passes through (after 6 PM) winds will calm to 3 – 7 kts across all stations.

Wind gusts could range between 18 – 23 kts across all stations between 11 AM and 3 PM.

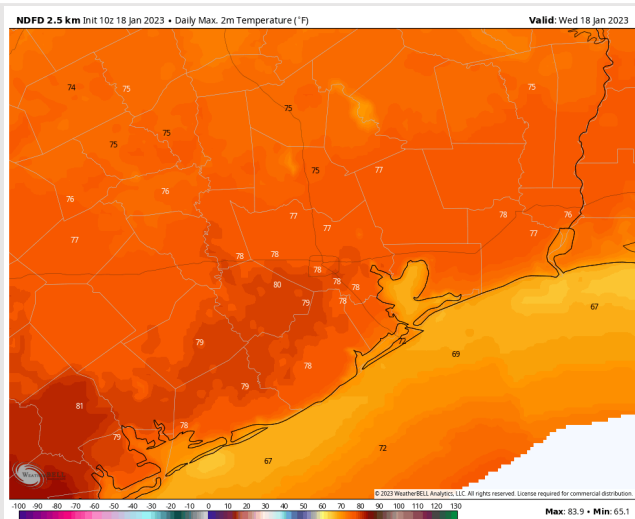
Temps: Temperatures north of Morgan’s Point will be in the upper 70s F and south of Morgan’s point will be in the mid to lower 70s F.

Visibility: Patchy, dense fog will once again be possible throughout the morning. A front moving through around 4 PM will relieve this threat for fog. (view visibility slide)

Precip Forecast: 2 PM CT



Wind Speed
2 PM CT



High Temps
Wednesday

Houston Pilots: Thu. 1/19/2023



Forecast Discussion

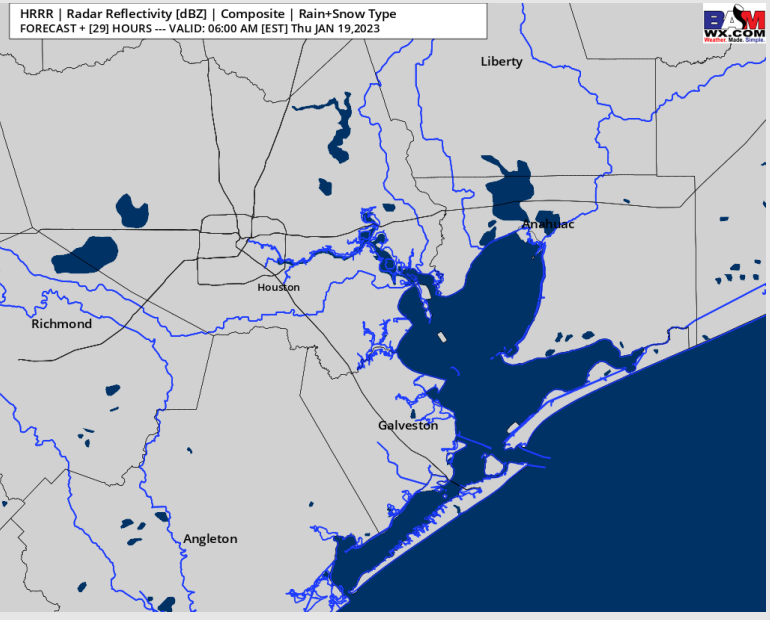
Precip: Anticipating a dry day for Thursday.

Wind: Winds will be sustained from the WNW for the morning hours. After 10 AM winds will begin to veer from the NNW and then finally the NNE by late afternoon. Winds will be 7 – 13 kts across all stations. After 2 PM winds will calm slightly to 4 – 9 kts. Gusts of 20+ knots will be possible.

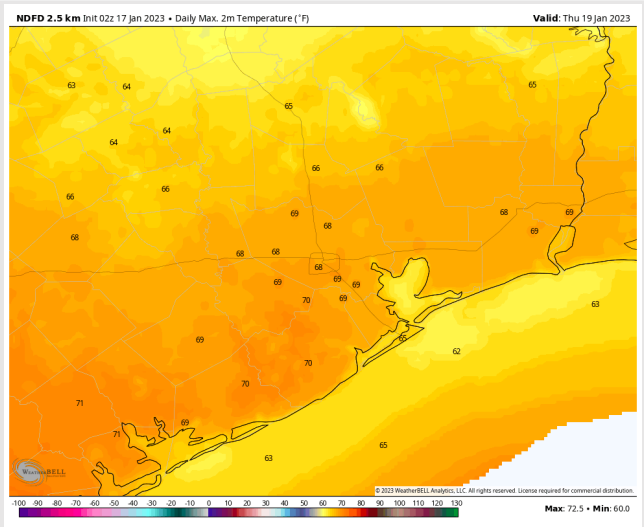
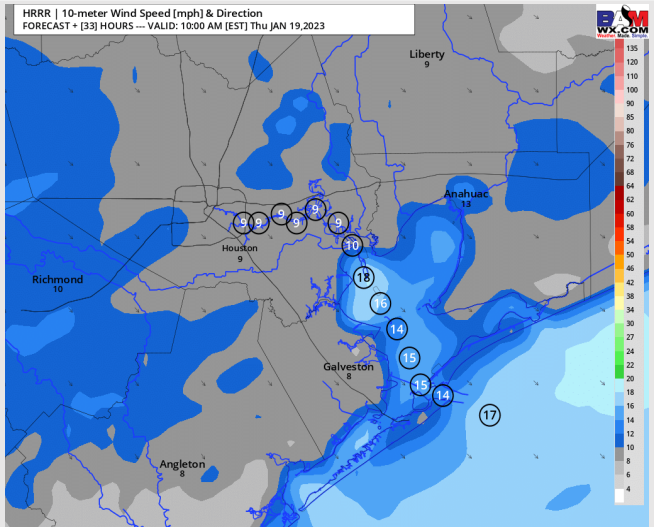
Temps: Noticeably cooler. High temperatures will be in the upper 60s F north of Morgan’s Point and in the mid to lower 60s F south of Morgan’s Point.

Visibility: Not anticipating any visibility concerns at this time.

Precip Forecast: 5 AM CT



Wind Speed
9 AM CT



High Temps
Thursday

Houston Pilots: Fri. 1/20/2023



Forecast Discussion

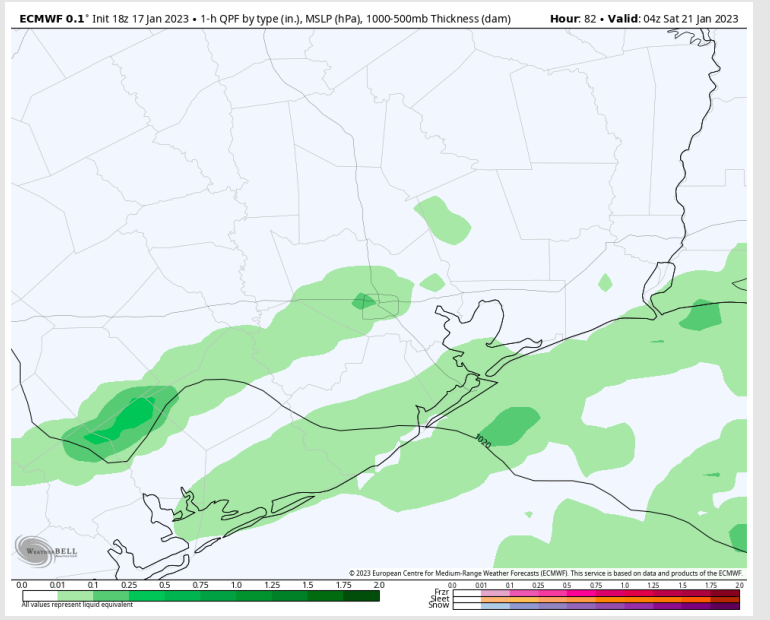
Precip: AM hours look to be dry with increasing chances for spotty showers (20% chance) north of Morgan's Point from 11 AM – 2 PM. Starting at 4 PM showers and light rain will begin to work into the area, starting at The Boarding station and pressing north. Chance of rain is higher here at 60%.

Wind: Sustained winds will be from the NE on Friday. Winds will be increasing throughout Friday AM to 8 – 13 kts N of Morgan's Point and 10 – 17 kts S of Morgan's Point by 9 AM. Winds will remain at such speeds for the remainder of the day. A few pockets of up to 20-kt sustained winds will be possible at the Boarding Station mainly during the afternoon. **Wind gusts of up to 24 kts will be possible at 11/12 and the Boarding Station after 9 AM.**

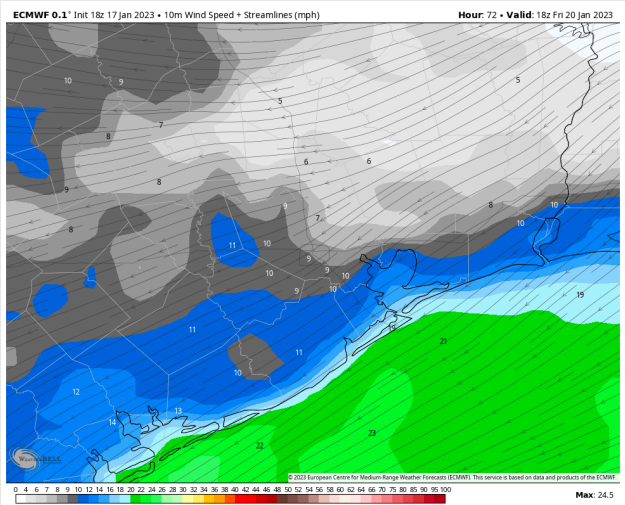
Temps: High temperatures Friday will be in the low 60s to upper 50s F across all stations.

Visibility: Not anticipating any visibility concerns via fog, but rain showers could reduce visibility to less than 5 miles for brief periods in the late evening.

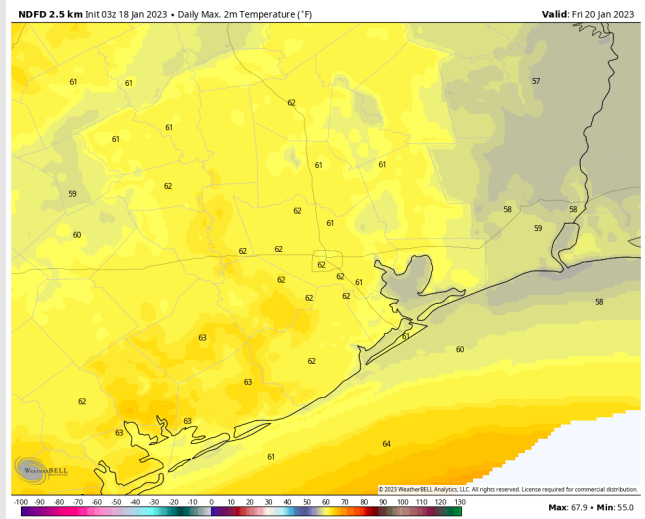
Precip Forecast: 10 PM CT



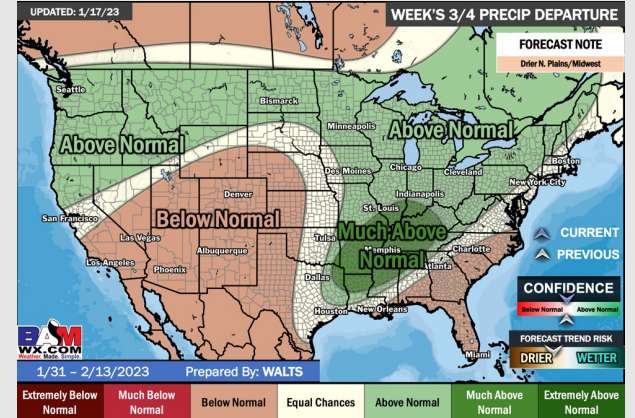
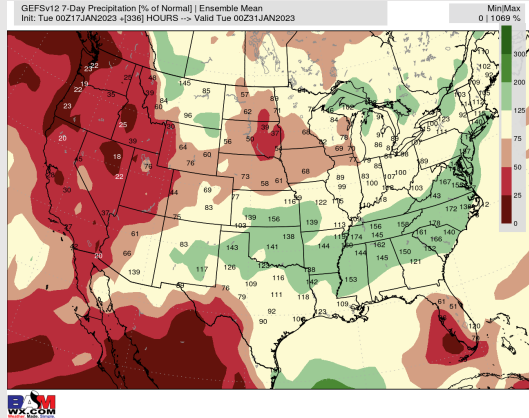
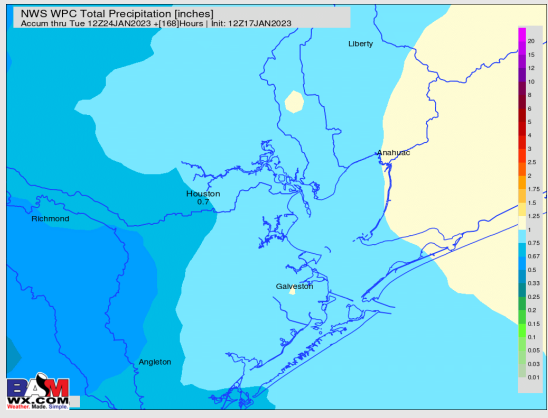
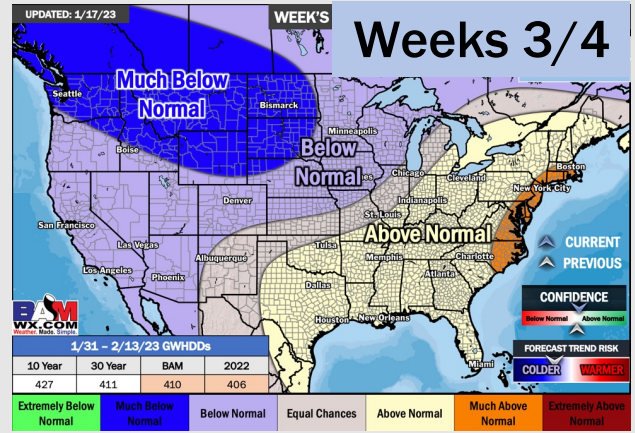
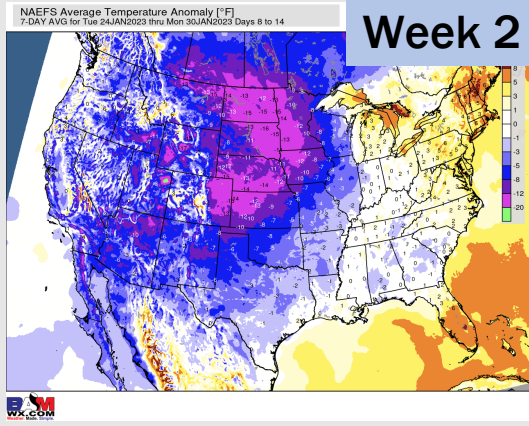
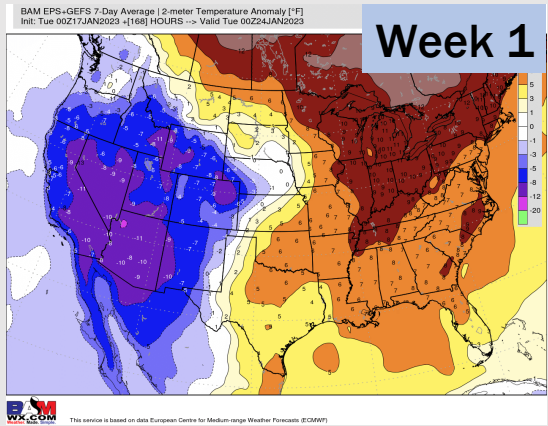
Wind Speed
12 PM CT



High Temps
Friday



Houston Pilots: 1/18/23



- Rain chances Wednesday, Saturday, and the following Tuesday will lead to a slightly more active pattern vs average. Temps will continue to remain above average.
- Week 2 precipitation is expected to be near normal for the week 2 timeframe. Temperatures are to be near normal as well.
- Near normal precipitation chances and above normal temperatures expected in the weeks 3/4 timeframe.