

Houston Pilots Forecast Package



Updated: 5:00 AM CT

Sunday, January 15, 2023

Forecaster: Alyssa McClung

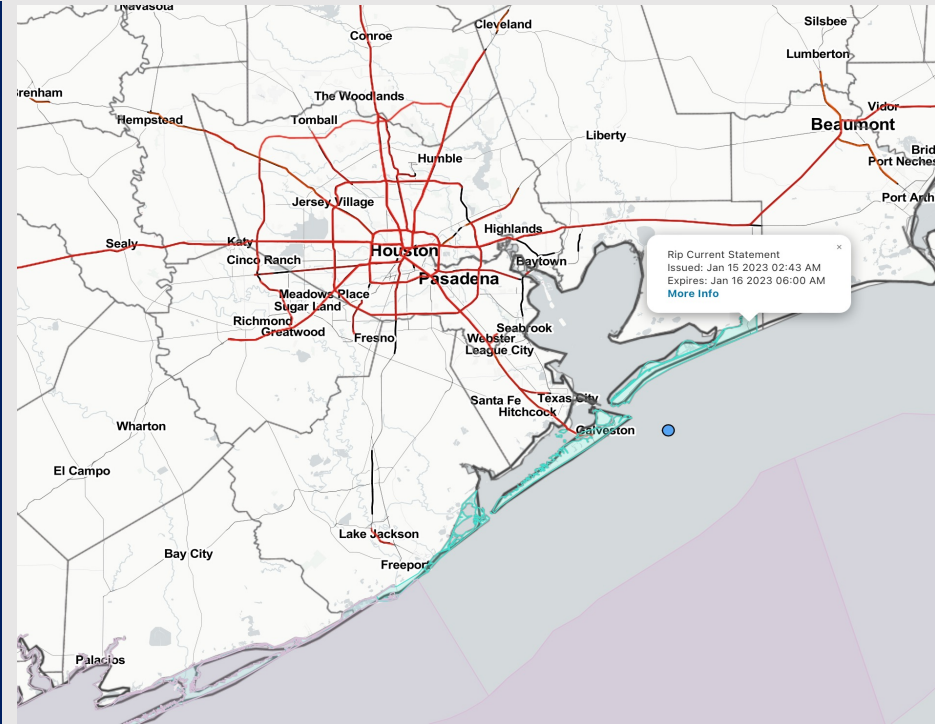
Weather Headlines

➤ **Low end risk for patchy fog this afternoon into Monday (check visibility slide).**

➤ **Anticipating dry conditions over the next few days with the next shower/storm chance coming Monday afternoon.**

➤ **Looking at a windy next few days with the risk of the Boarding Station seeing gusts 20+ knots Today and Monday. Tuesday looks to hold calmer winds in the 5 - 15 kt range.**

➤ **Worth watching tonight into Monday for increased risks of wave heights reaching at/over 5 feet.**



Radar/NWS Alerts: 5:00 AM CT



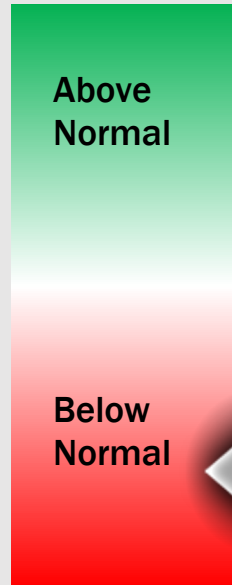
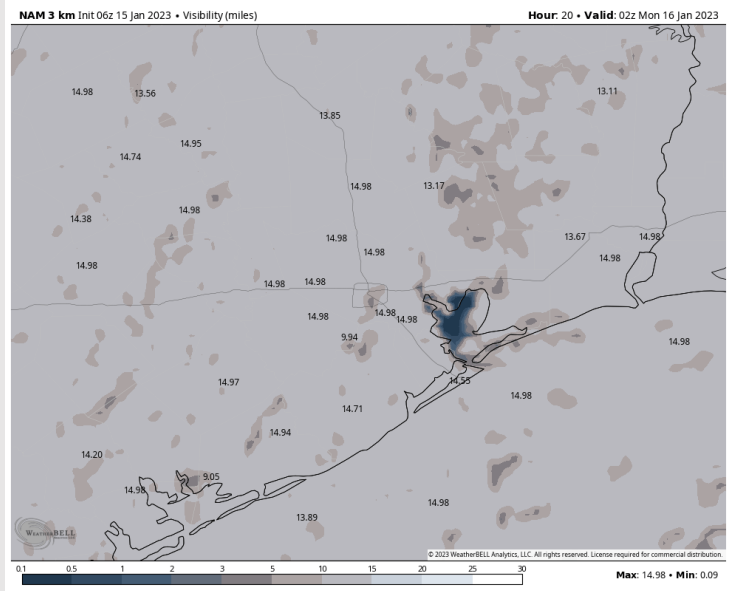
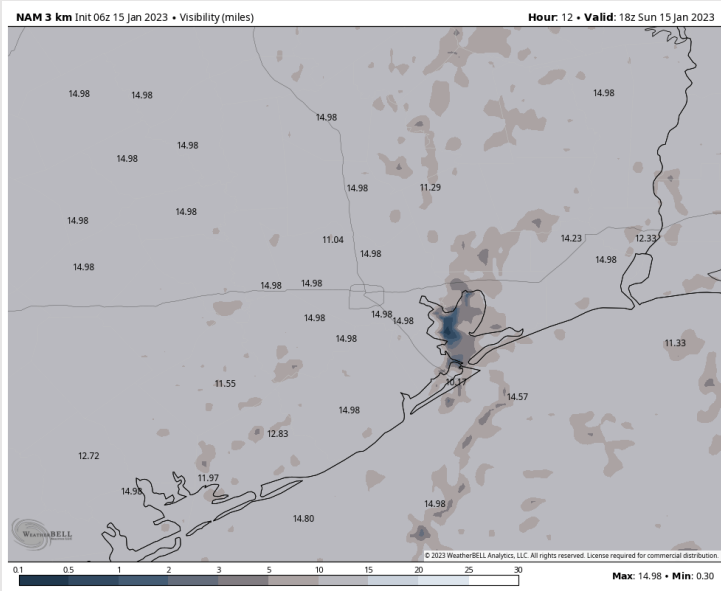
As always, please do not hesitate to reach out to us with any forecast questions via the chat option on the Weather Porthole or our on-call number, **(317)-560-8122** press 1 for forecast questions.

Houston Pilots Visibility Report



12 PM CT SUN VISIBILITY 8 PM CT SUN VISIBILITY

Confidence



TIMEFRAME	THREAT
12 PM SUN – 12 AM MON	LOW

- Not a ton of agreement between models, however there are some models picking up on the risk for patchy fog with visibilities of less than 1 mile this afternoon.
- If fog is able to develop, favoring it to be located within the Galv. Bay near Morgan's Point through Station 51/52 beginning around the noon timeframe.
- Confidence is on the lower end for whether this fog develops, however the pockets of light drizzle possible throughout the day may bring enough moisture towards the surface to assist in fog development.
- Favoring this risk to last until Midnight into Monday.

Houston Pilots Extended Range Visibility Report



Wednesday 1/17/23

Winds out of the SE in the morning will shift out of the NW by the evening. Morning hours look very likely for fog ahead of the cold front.



Thursday 1/19/23

Fog is not expected for Thursday as winds will be out of the NW from the frontal passage with dry air.



Friday 1/20/23

Fog is not expected for Friday either, however winds will shift from the NE in the AM to SE in the PM with increasing moisture in the afternoon.



Chance for Reduced Visibility

Wednesday AM	Likely
Wednesday PM	Possible
Thursday AM	Unlikely
Thursday PM	Unlikely
Friday AM	Unlikely
Friday PM	Unlikely

Houston Pilots: Sun. 1/15/2023



Forecast Discussion

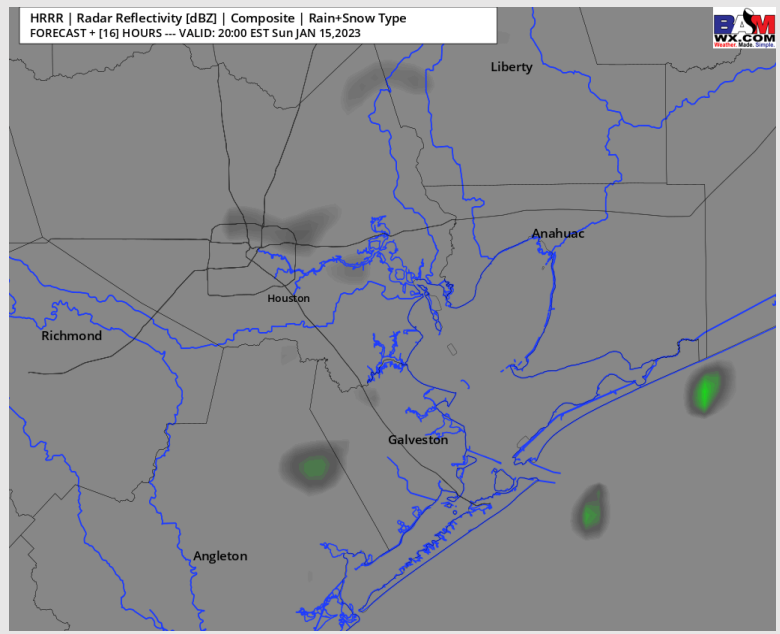
Precip: Favoring more dry time than not today. A 10% chance for pockets of light drizzle will be possible throughout the day.

Wind: Sustained winds out of the SSE throughout the day. Winds north of Morgan's point will start out at 5 – 7 kts and 10 – 15 kts south of Morgan's point. Winds will gradually increase to 11 – 18 kts across all stations by the evening hours and will remain as such for the rest of the night. **Wind gusts 20 - 25 kts will be possible for all stations in the evening hours on Sunday.**

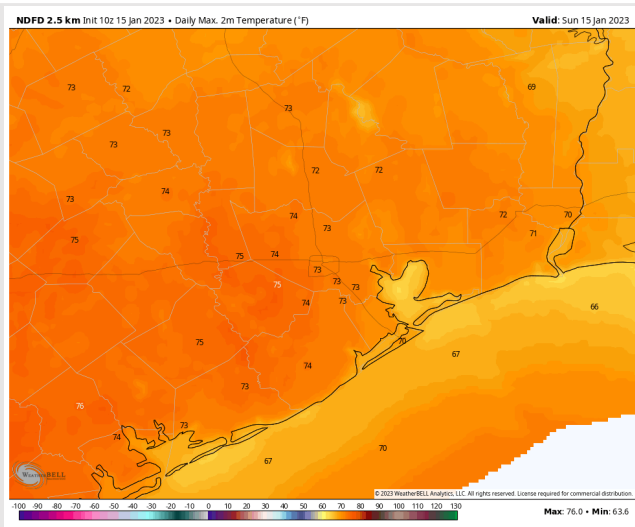
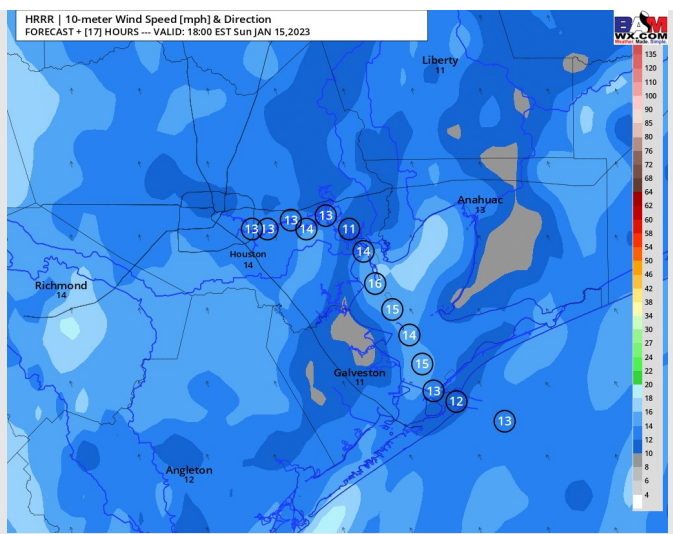
Temps: High temperatures Sunday in the near 70s F for all stations.

Visibility: Low end risk for patchy fog development after noon. Check visibility slides for more details.

Precip Forecast: 7 PM CT



Wind Speed
5 PM CT



High Temps
Sunday

Houston Pilots: Mon. 1/16/2023



Forecast Discussion

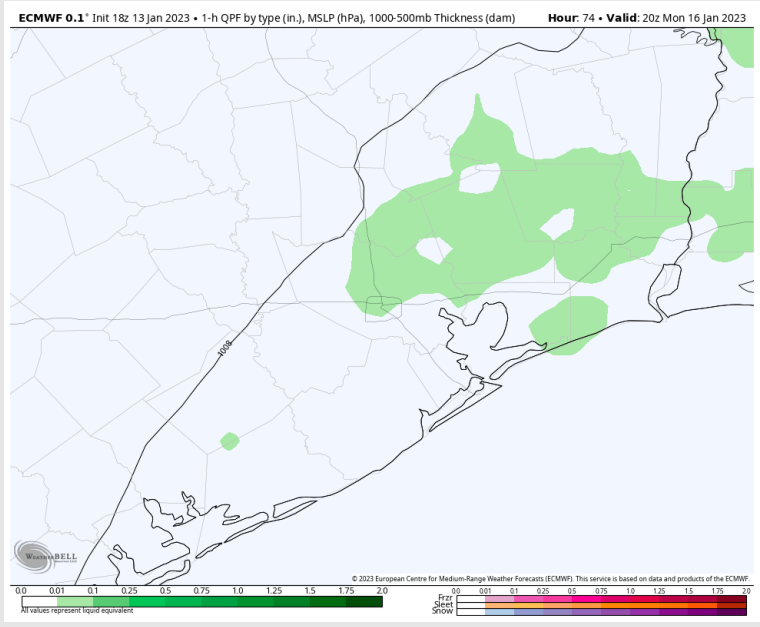
Precip: Anticipating dry conditions for the AM hours, with a 30% chance for scattered showers/storms during the 12 – 5 PM hours mainly north of Morgan’s Point.

Wind: Sustained Southerly winds for Monday with slight SSW veering during the afternoon. Winds will start out at 8 – 12 kts N of Morgan’s point and 12 – 17 kts S of Morgan’s point until 11 AM. From 11 AM – 5 PM winds will be at 12 – 17 kts across all stations and then will diminish after 5 PM N of Morgan’s Point to 6 – 10 kts. **Wind gusts could range between 22 – 26 kts between 10 AM – 4 PM.**

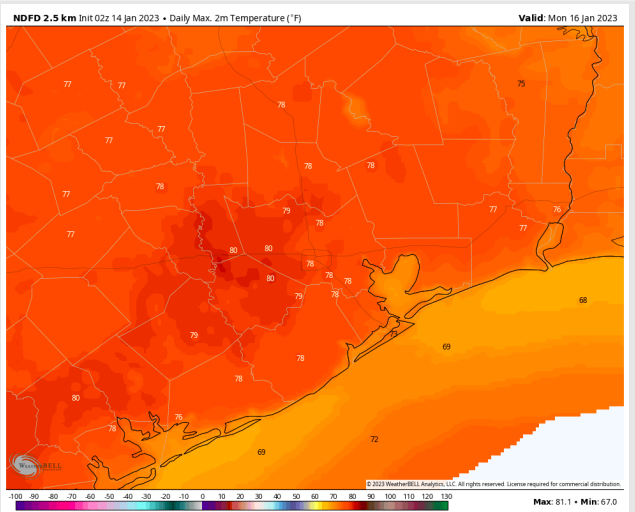
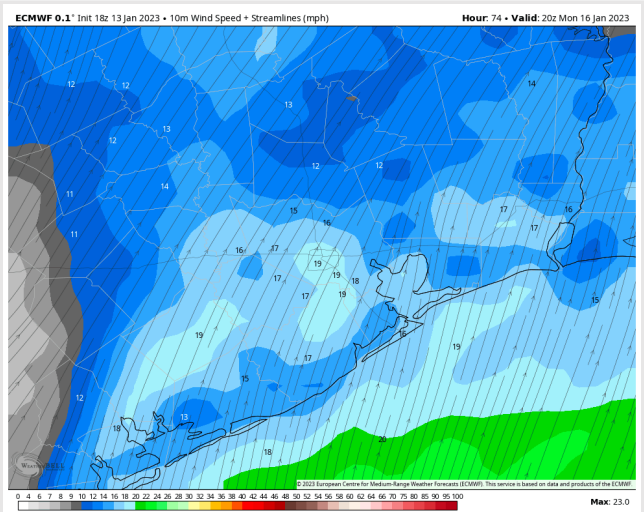
Temps: High temperatures Monday will be in the upper 70s F north of Morgan’s Point and in the mid to lower 70s F south of Morgan’s Point.

Visibility: A low end risk for sea fog will be possible Monday AM and PM, but parameters are borderline. More details to come in forthcoming updates.

Precip Forecast: 2 PM CT



Wind Speed
2 PM CT



High Temps
Monday

Houston Pilots: Tue. 1/17/2023



Forecast Discussion

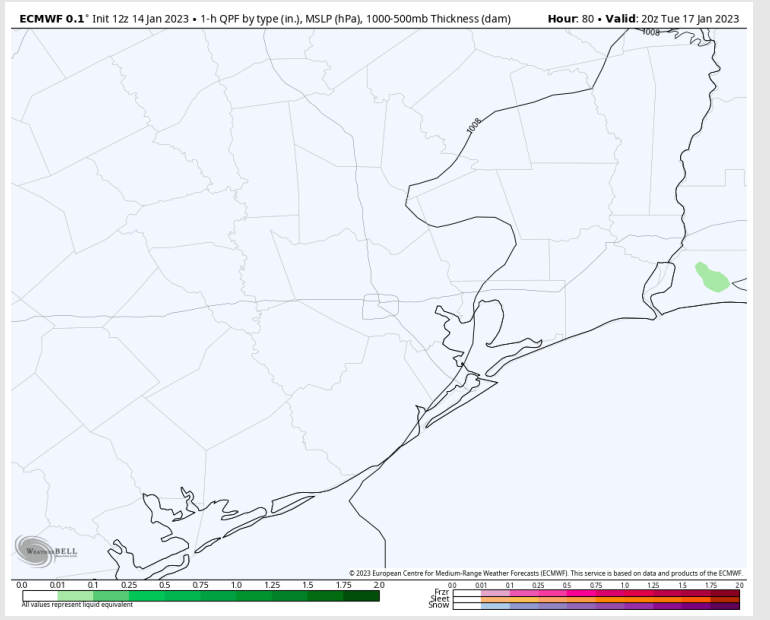
Precip: Favoring dry conditions on Tuesday with a 10% chance for an isolated sprinkle during the afternoon.

Wind: SW winds in the AM hours and early afternoon will shift from the SE by 5 PM and remain as such for the evening. Winds north of Morgan's point will be 3 – 8 kts and south of Morgan's Point will be 9 – 14 kts. From 11 AM – 6 PM winds will be at 3 – 8 kts across all stations before picking back up again at 9 – 14 kts south of Morgan's Point.

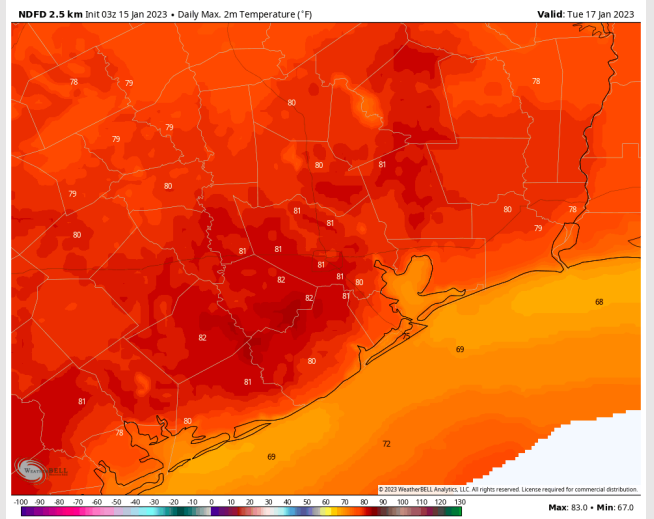
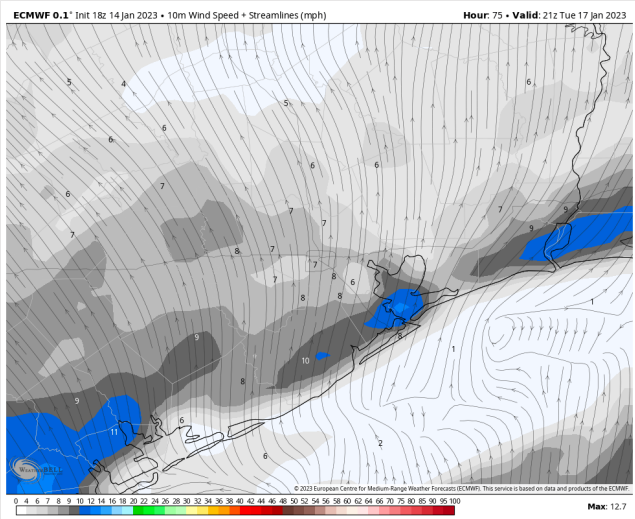
Temps: Unseasonably warm on Tuesday with temperatures near 80 F north of Morgan's Point and in the lower 70s F south of Morgan's Point.

Visibility: Sea fog will be possible on Tuesday morning as there will be substantial low-level moisture with southerly winds. More details to come in the next few updates.

Precip Forecast: 2 PM CT

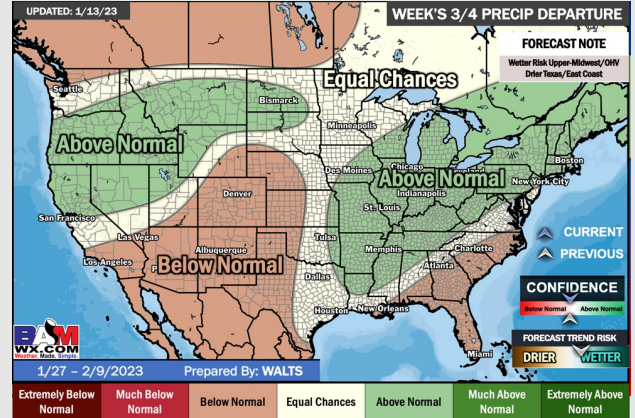
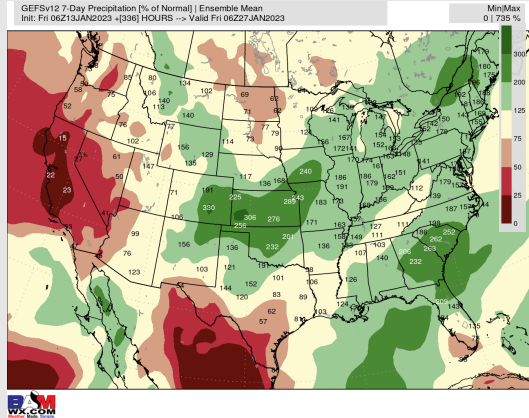
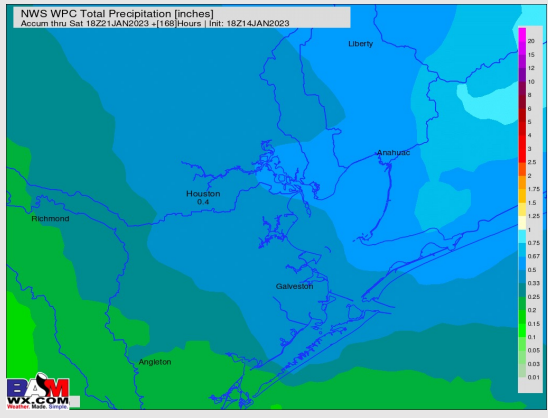
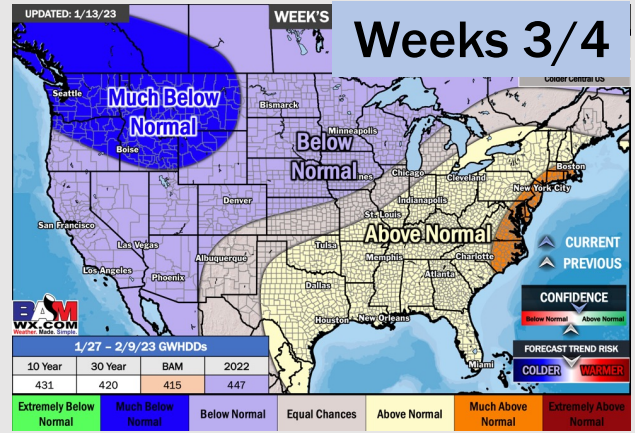
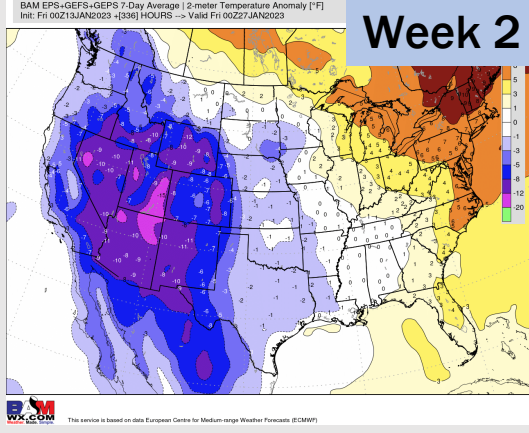
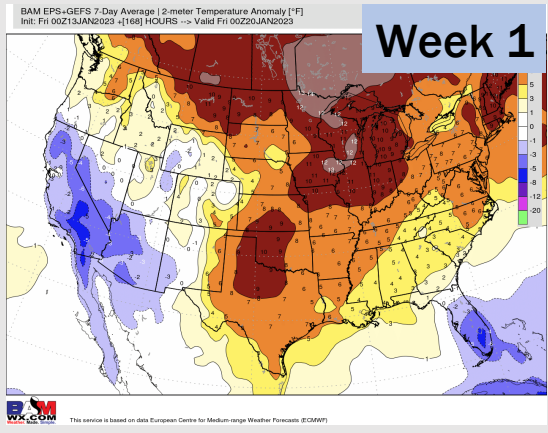


Wind Speed
3 PM CT



High Temps
Tuesday

Houston Pilots: 1/15/23



- A generally drier pattern with the best chances for precip moving forward coming Monday, and again next Wed/Thu. 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.
- Near normal precipitation chances and above normal temperatures expected in the weeks 3/4 timeframe.