

Houston Pilots Forecast Package



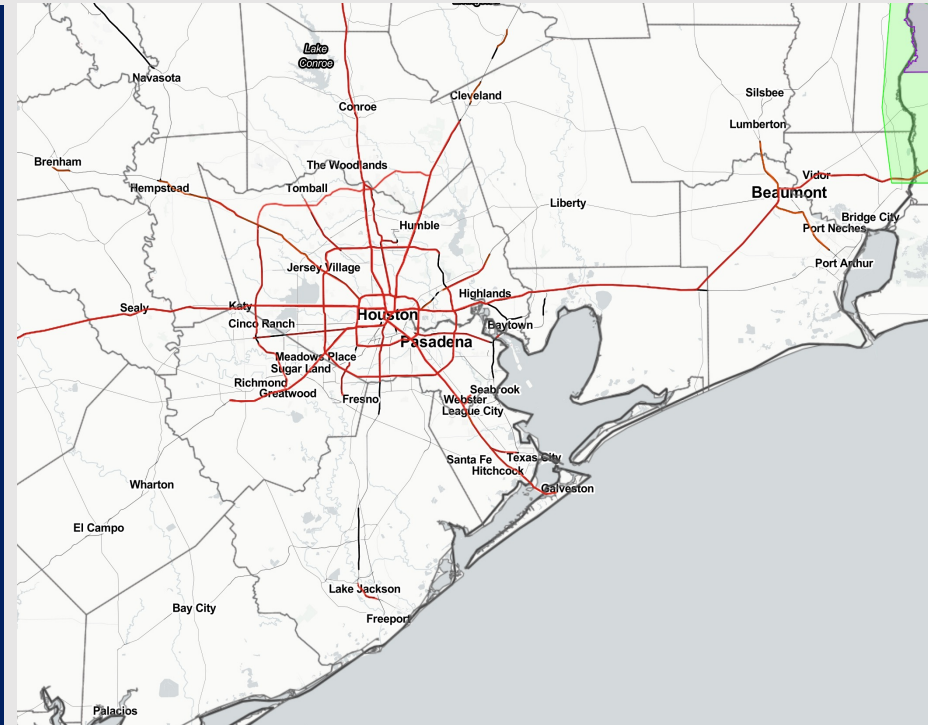
Updated: 5:00 AM CT

Tuesday, December 27, 2022

Forecaster: Vince Bryan

Weather Headlines

- Favoring mostly dry conditions the next 36 hours with rain chances returning late Wednesday night. Highest risk for rain comes Thursday into first 1/2 of Friday, before a drier weekend.
- **Reduced visibility concerns work back into the picture late Wednesday as winds turn out of the S for the next several days. Whether reduced visibility comes in the way of fog/ precipitation/ very low clouds....etc. still needs refined, but the threat for poor visibility will be on the table Thursday – Sunday.**
- Temps will remain above normal after ~Wednesday.



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 Extended Range Visibility Report



Friday 12/30/22

Reduced visibility is certainly possible with rain likely still around the area. Data is suggestive for fog being on the table.



Saturday 12/31/22

Fog risk will continue into Saturday, although at this distance the opportunity is slightly lower than Thu/Fri.



Sunday 1/1/23

Fog risk will continue into Sunday, as winds will be from the S in a favorable 10 – 15 kt range.



Chance for Reduced Visibility

Friday AM	Possible
Friday PM	Possible
Saturday AM	Possible
Saturday PM	Possible
Sunday AM	Possible
Sunday PM	Possible

Forecast Discussion

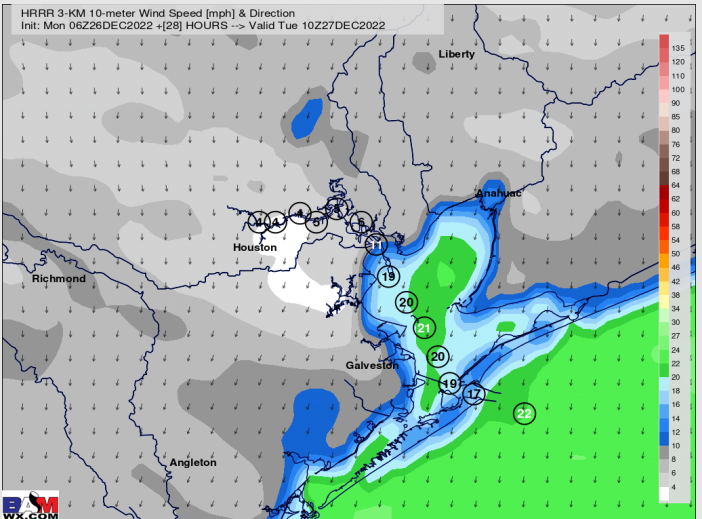
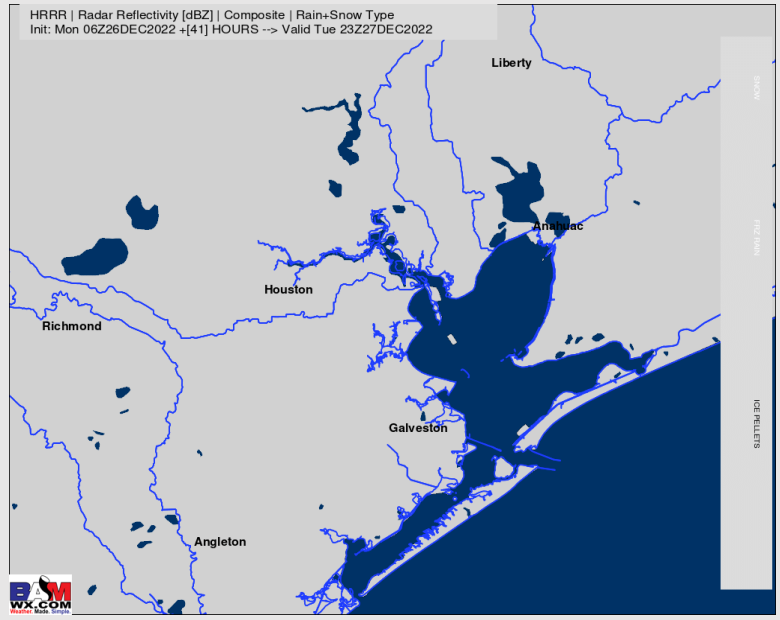
Precip: Today is favored to stay dry.

Wind: Winds out through Noon are 10-15 knots with direction generally out of the North. By ~4 PM winds are more out of the SE with sustained winds 5-10 knots.

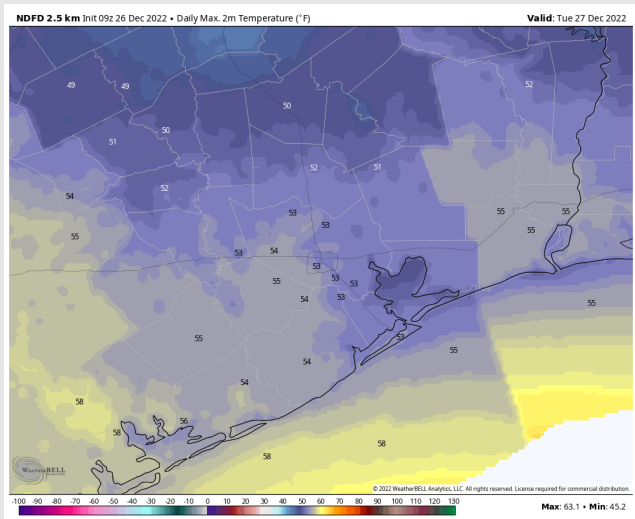
Temps: Highs favored to top out in the upper 50s.

Visibility: Not anticipating any visibility concerns at this time.

Precip Forecast: 3 PM CT



Wind Speed
3 AM CT



High Temps
Today

Forecast Discussion

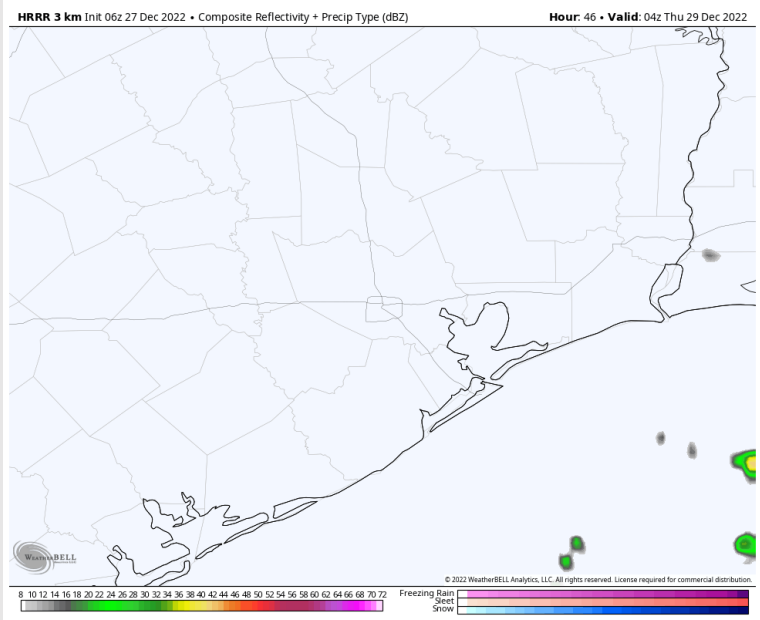
Precip: Most of Wednesday is dry. It's after the ~8 PM timeframe where a few isolated ~20% showers can start to work into the boarding station area. Most data delays precip until early THU AM.

Wind: Winds will consistently be out of the SE Wednesday. The morning hours sees sustained winds 5-10 knots, while the afternoon hours are more 8-13 knots with gusts to 15 knots.

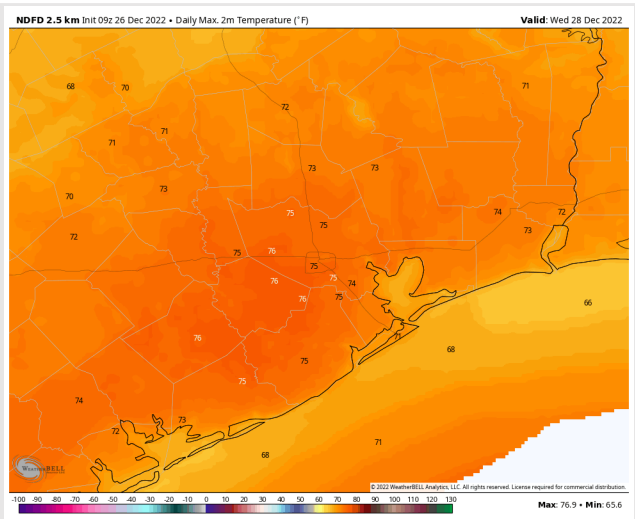
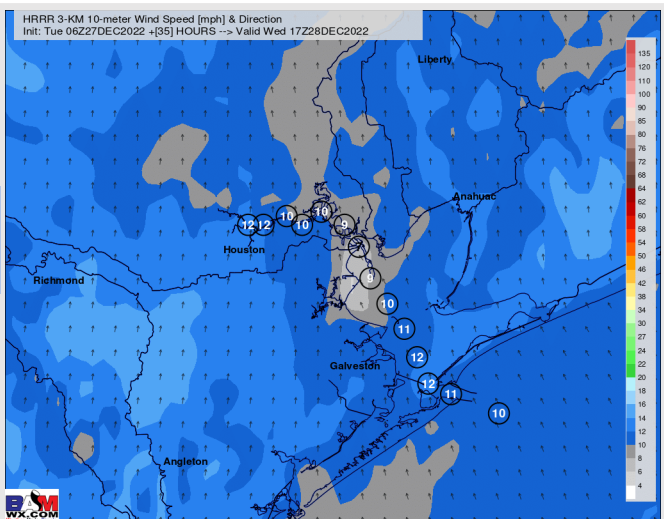
Temps: Wednesday will be much warmer, highs in the upper 60s to lower 70s.

Visibility: Two windows to watch, the first of which is 4-8 AM for some patchy "inland" fog that could impact stations North of Morgan's Point (rather low end risk). The second window is after sundown for "sea fog" / low clouds/ pockets of mist to introduce themselves. Low confidence on the exact specifics more than 36 hours out that will need refined.

Precip Forecast: 11 PM CT



Wind Speed
11 AM CT



High Temps
Wednesday

Houston Pilots: Thur. 12/29/2022



Forecast Discussion

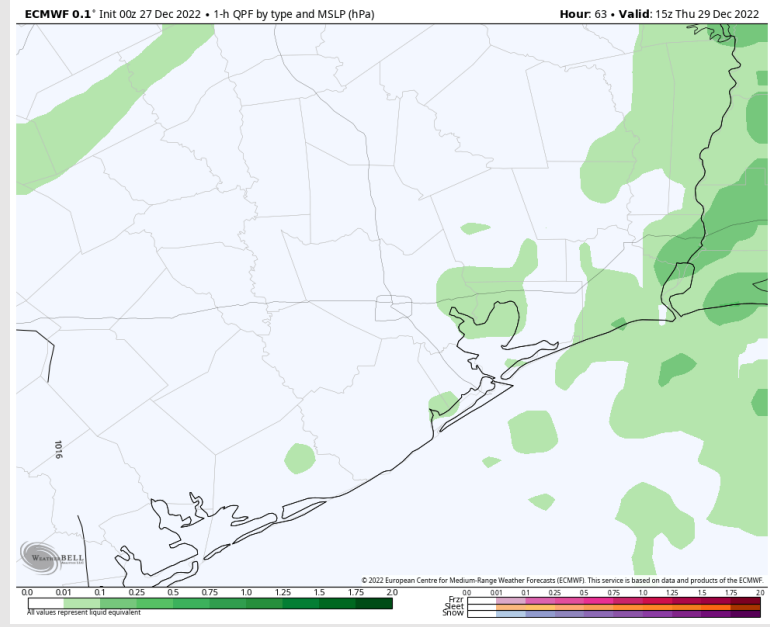
Precip: Anticipating pockets of light to moderate rain showers around the area through 4 PM (there will be breaks in the rain over the day). After ~mid afternoon, coverage looks to increase some and chances pick up closer to 70% for the evening.

Wind: Sustained winds from the SSE for the entire day. Winds will be around 10 - 15 kts across all station with a couple of pockets reaching 18 kts, especially south of Morgan's Point between 8 PM - 12 AM. Gusts of 15-20 kts will be possible across all stations, mainly between 11 AM and 3 PM.

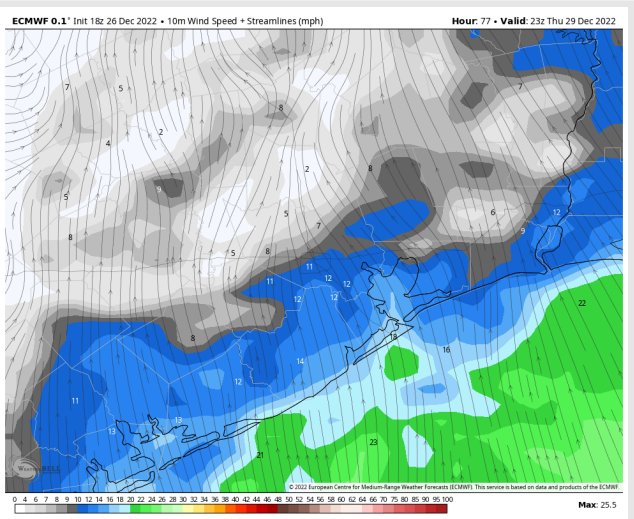
Temps: High temps Thursday will be in the Mid 70s F north of Morgan's Point and in the mid 60s to near 70 F south of Morgan's Point.

Visibility: Areas of low clouds / fog / rain showers will be likely through the day and lead to reduced visibility. Lower confidence continues on the exact details of timing, reduced visibility type, if winds are too strong for fog....etc. The threat for a reduction in visibility will be present most of the day.

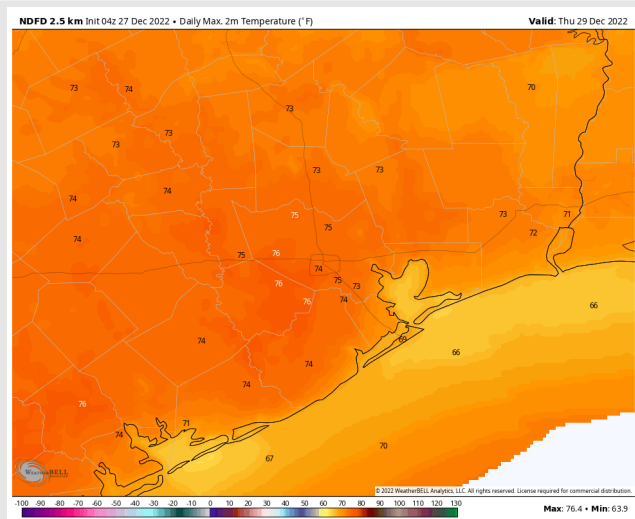
Precip Forecast: 9 AM CT



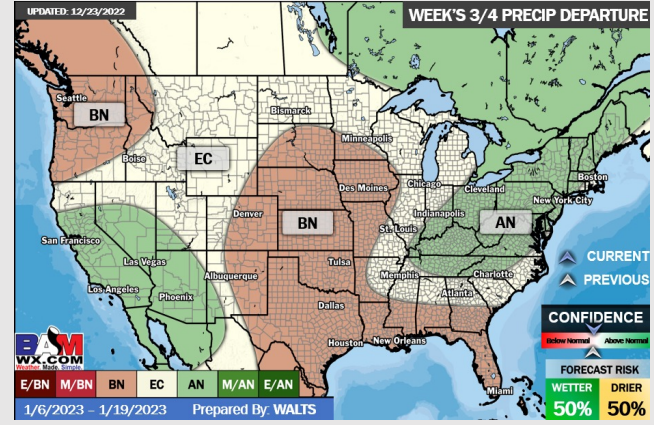
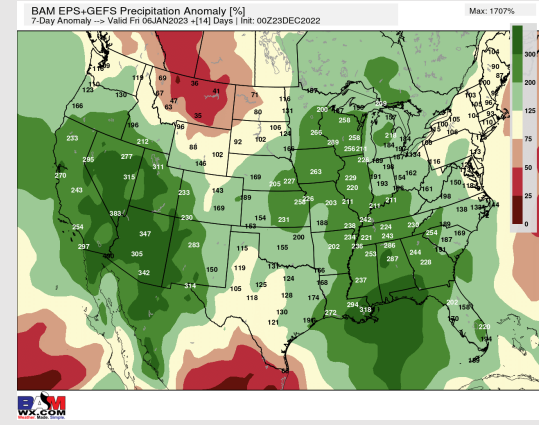
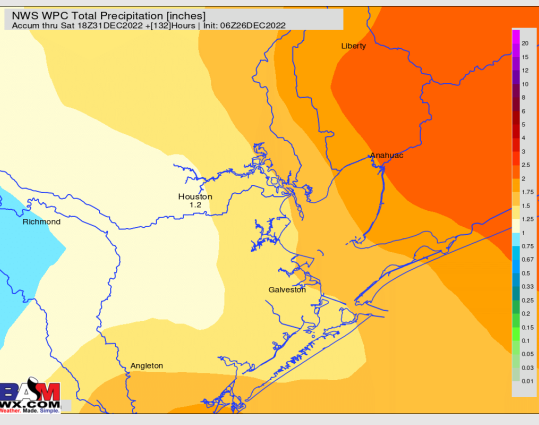
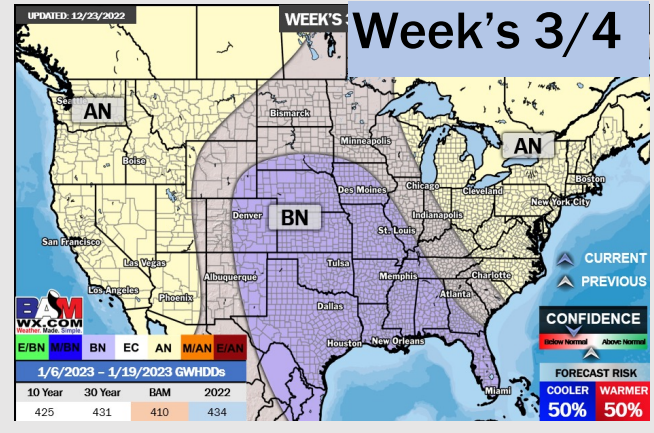
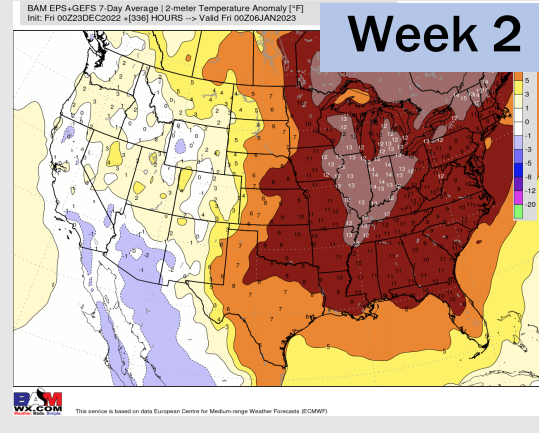
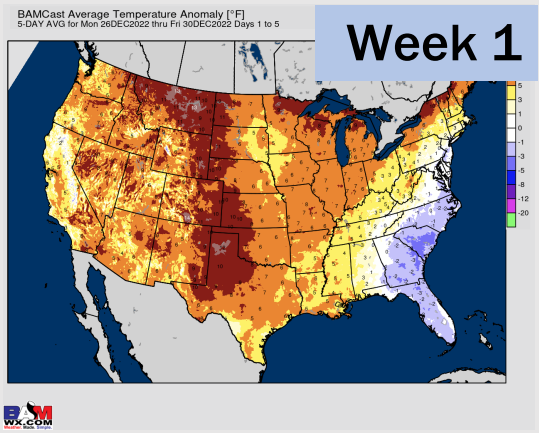
Wind Speed
5 PM CT



High Temps
Thursday



Houston Pilots: 12/27/22



- An overall dry forecast is expected the next few days with the better shot for rain moving in Thursday (low chances late Wed). Temperatures rise to above average to end the year.
- Week 2 precipitation is expected to be above normal for the week 2 timeframe. Temperatures are to be much above normal.
- Below normal moisture and cooler weather is expected in the weeks 3/4 timeframe.