

Houston Pilots Forecast Package



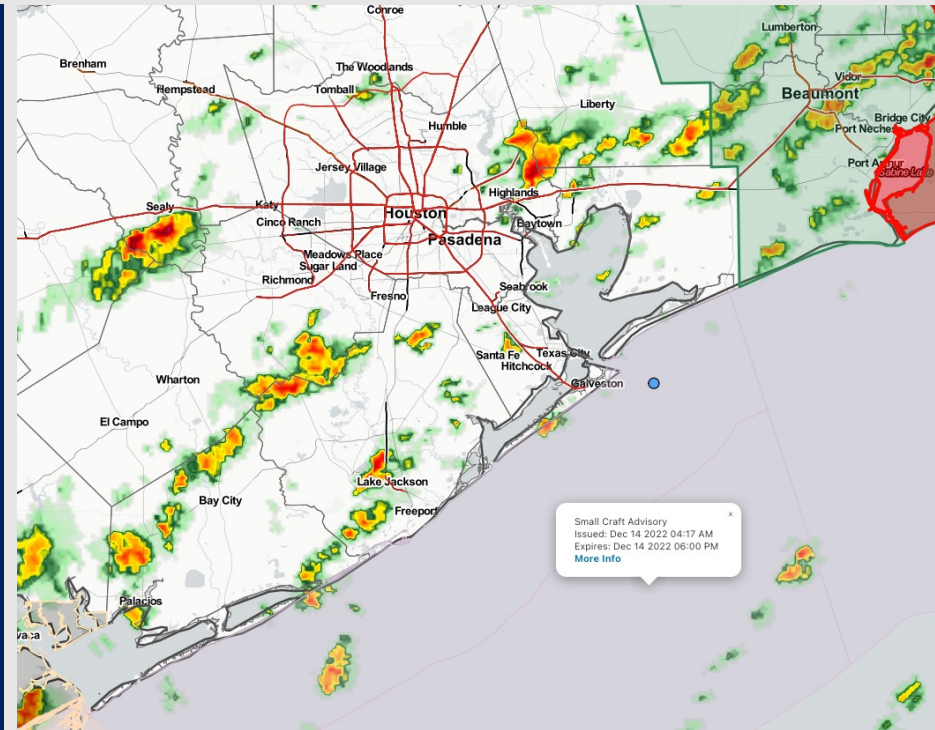
Updated: 5:00 AM CT

Wednesday, December 14, 2022

Forecaster: Vince Bryan

Weather Headlines

- Shower/Thunderstorm chances out through early afternoon today give way to a drier pattern through much of the weekend (low precip % on Sat). Next rain system comes Monday into Tuesday of next week.
- Today looks to be a breezy day behind the frontal passage with wind gusts of 25 – 30 kts possible at the boarding station late AM/ early PM (more on slides below). Thursday and Friday will feature calmer winds in the 0 – 15-kt range. Winds look to be elevated Saturday – Monday.
- The pattern ahead looks rather unfavorable for fog. We will watch trends closely, but a primarily Northerly wind should really limit fog chances over the next 7-10 days.



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



Saturday 12/17/22

Strong winds from the NE possibly in the low 10– 15 kt range. No fog expected.



Monday 12/19/22

Rain will be in the forecast so reduced visibility via rain will be possible, but fog is not favored.



Sunday 12/18/22

No Fog expected for Sunday.



Chance for Reduced Visibility

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

Houston Pilots: Weds. 12/14/2022



Forecast Discussion

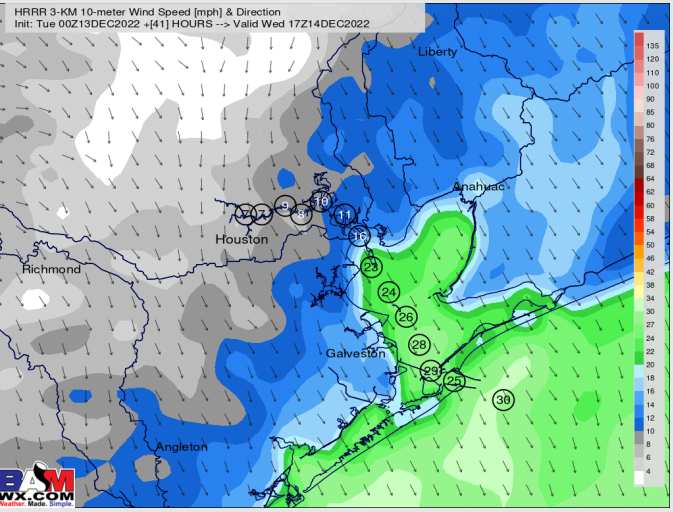
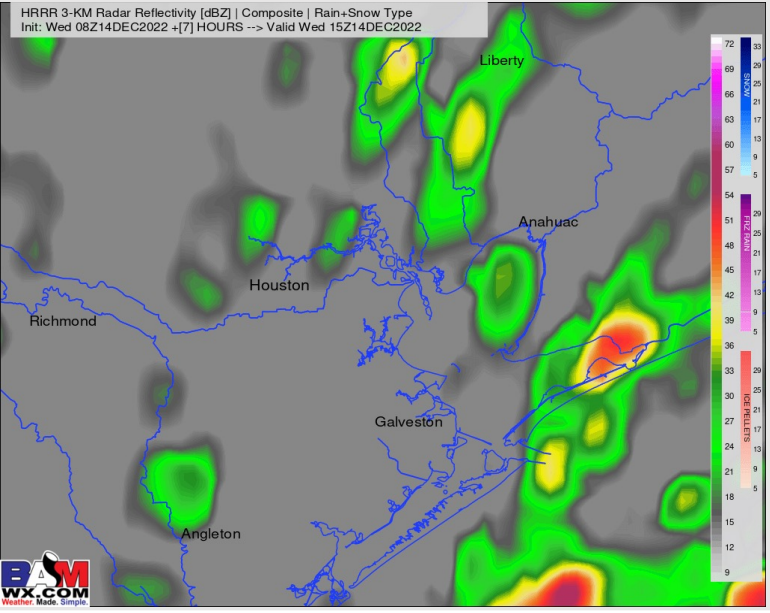
Precip: Scattered showers and thunderstorms will continue out through at least 10 AM before chances diminish closer to 30-40%. Those chances continue until ~2 PM where all precip should slide off to the east and lead to a quieter PM.

Wind: The front is passing the region now. All stations will have winds out of the N by 8 AM. Winds of 8-13 knots will rapidly increase around ~9 AM for stations S of Morgan's Point to 18-23 kts sustained with gusts 23-28 kts (**gusts 25-30 kts possible 11A - 1 P at boarding station**). Winds after 3 PM and the rest of the day out of the NNW at 10-15 knots sustained.

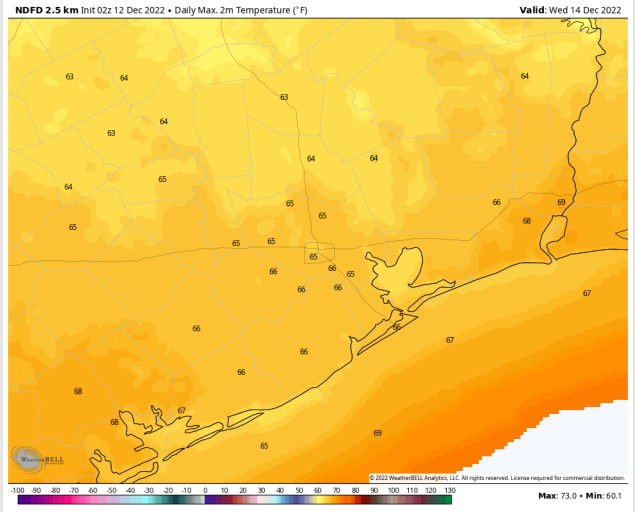
Temps: High temps will be in the mid 60s F across all stations.

Visibility: Not anticipating any fog concerns. However, heavier pockets could reduce visibilities to less than 2 - 4 miles for brief periods.

Precip Forecast: 9 AM CT



Wind Speed
12 PM CT

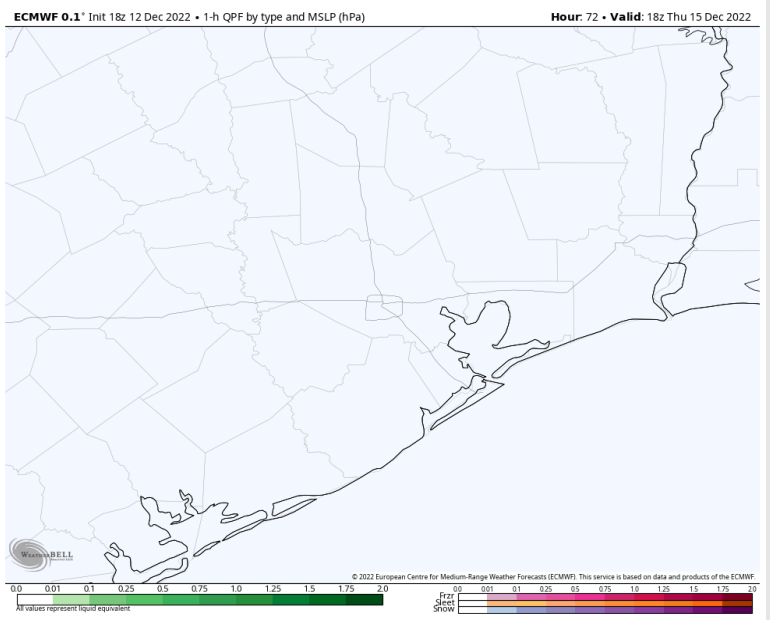


High Temps
Wednesday

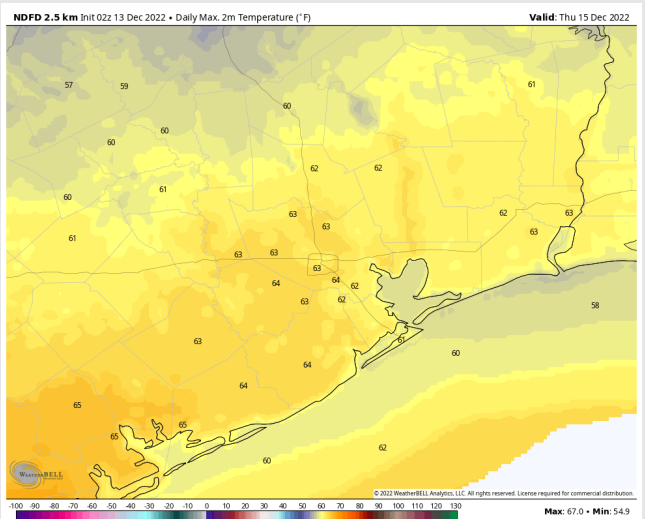
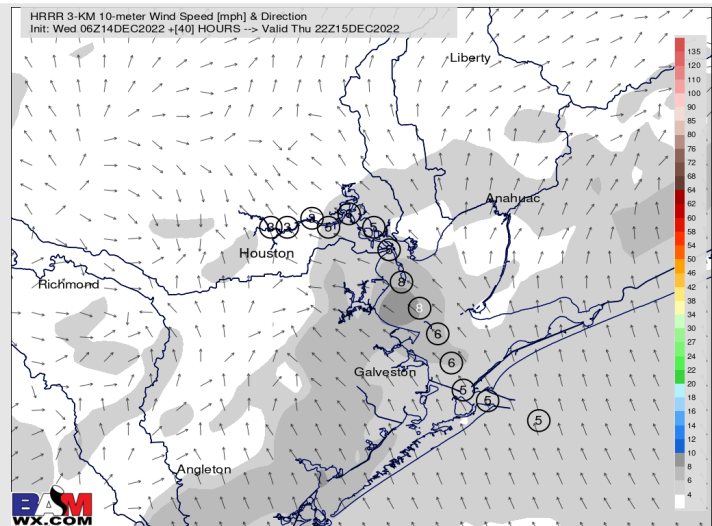
Forecast Discussion

- Precip:** Anticipating dry conditions for the day.
- Wind:** NNE winds favored in the morning at 3 – 8 knots. 2 - 5PM winds will be variable in direction. After ~5 PM, winds will be out of the SE at 3-8 knots.
- Temps:** High temps will be in the low to mid 60s F across all stations.
- Visibility:** Not anticipating any visibility concerns at this time.

Precip Forecast: 12 PM CT



Wind Speed 6 PM CT



High Temps Thurs

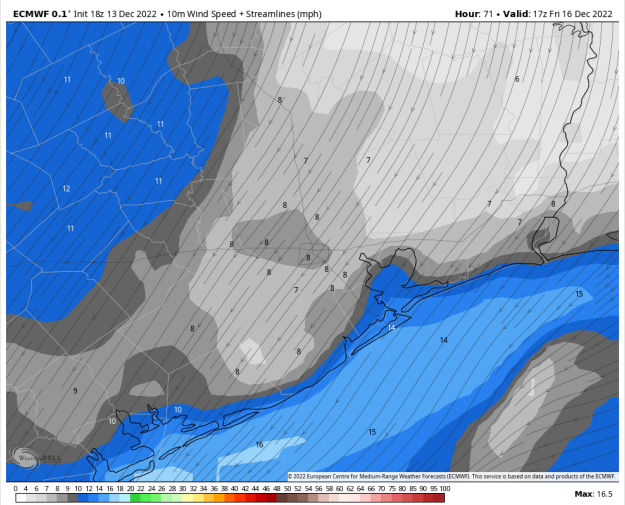
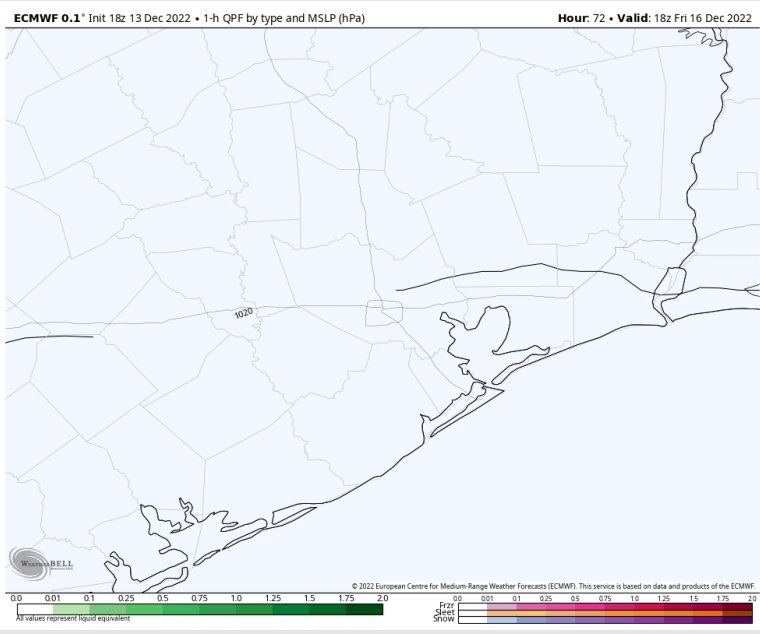
Houston Pilots: Fri. 12/16/2022



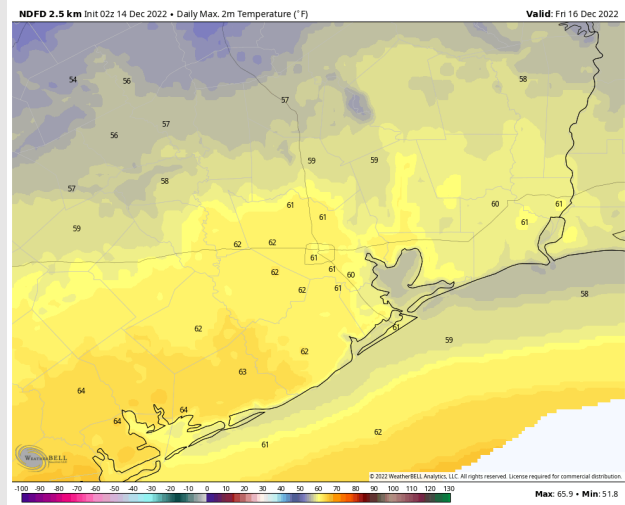
Forecast Discussion

- Precip:** Anticipating dry conditions for Friday.
- Wind:** Calm and variable winds in the morning will favor a NE direction by 10 AM. At this time, winds N of Morgan's Point will be 4 – 8 kts and S of Morgan's Point will be 9 – 13 kts. Winds will remain as such for the rest of the day.
- Temps:** High temps Friday will be in the upper 50s F to lower 60s F across all stations.
- Visibility:** Not anticipating any visibility concerns at this time.

Precip Forecast: 12 PM CT

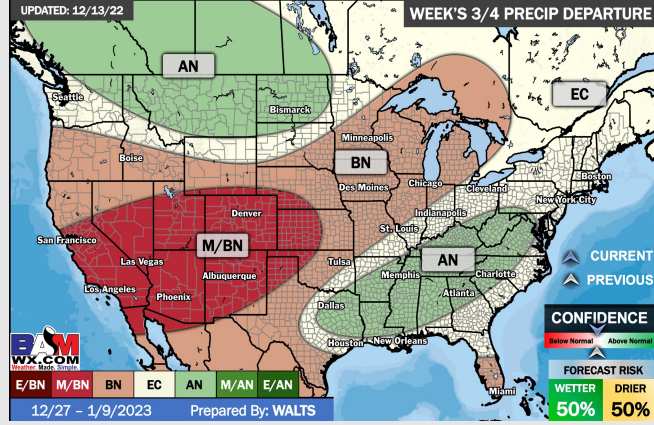
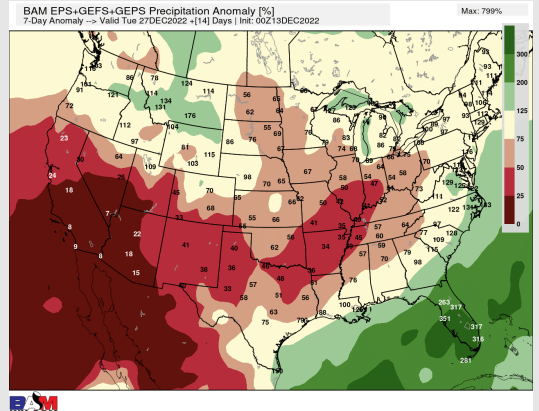
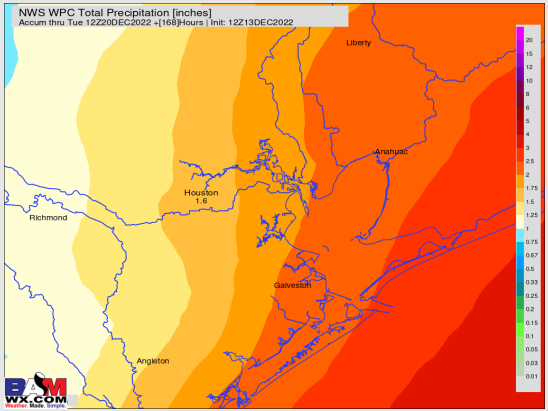
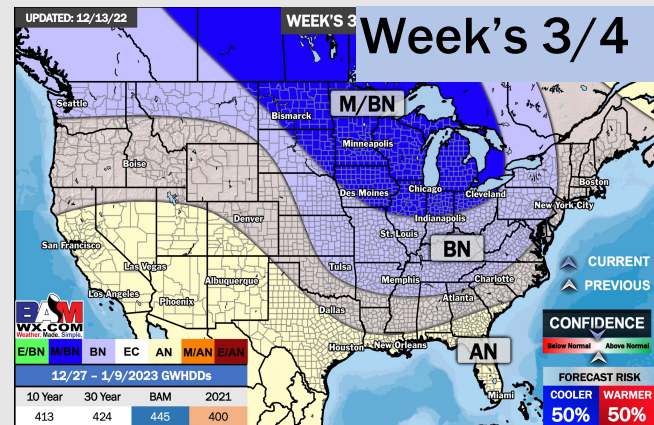
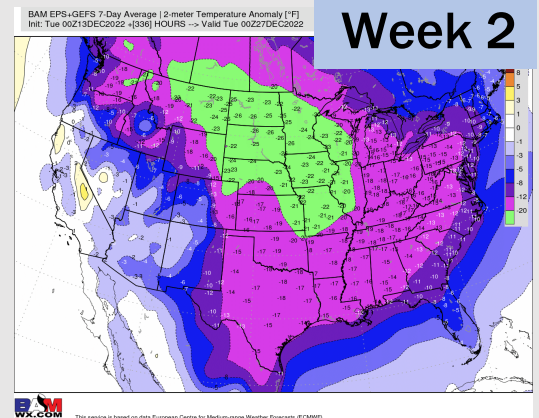
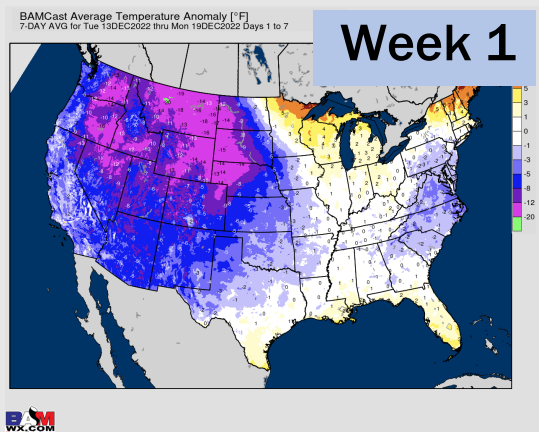


Wind Speed
11 AM CT



High Temps
Friday

Houston Pilots: 12/14/22



- After rain chances this AM, precip moves out and leads to quieter weather through much of the weekend (low risk Sat AM). Better rain chances arrive next Mon/Tue. Temps will be falling below average.
- Week 2 is expected to be much below normal for temperatures and near normal for rain chances for late December
- The weeks 3/4 timeframe looks to feature slightly above normal temperatures and equal chances for precipitation.