

Houston Pilots Forecast Package



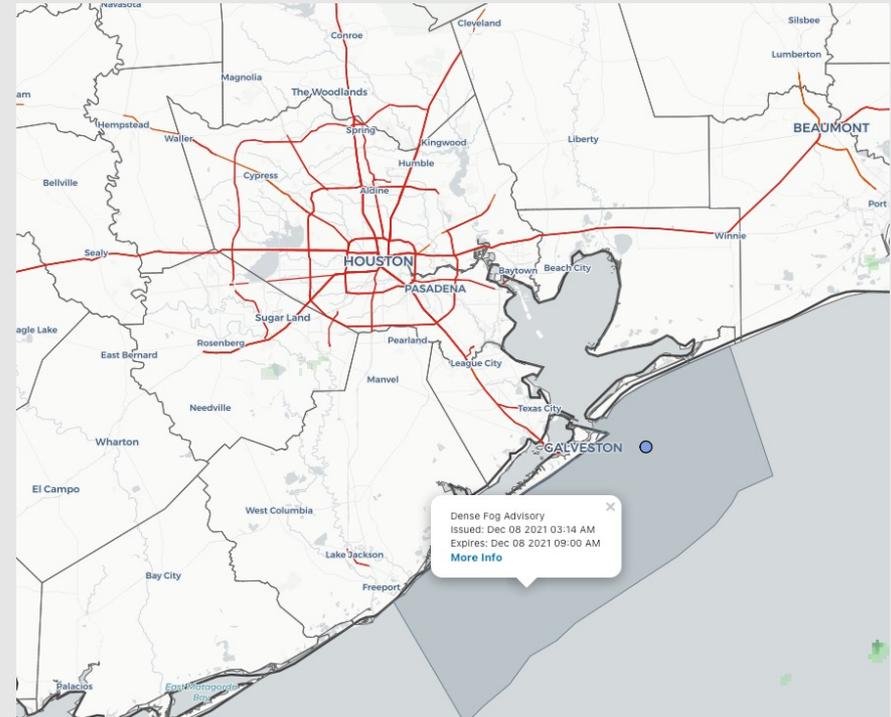
Updated: 5:00 AM CT

Wednesday, December 8, 2021

Forecaster: Vince Bryan

Weather Headlines

- Minor precip chances will continue the next few days as flow becomes a bit more favorable for pockets of on/off scattered light rain showers.
- Watching the next few morning's for fog potential (especially for southerly stations)
- Continuing to watch for the next cold front to sweep through the area on Saturday AM and bring better chances for showers/thunderstorms.



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, 12/11/21

Fog is not impossible out ahead of a front, however, winds look to still be elevated during this time. Currently not anticipating fog for our stations on Sat.



Sunday, 12/12/21

Winds look to still be elevated out of the NE for Sun AM. Currently not anticipating fog for our stations on Sun.



Monday, 12/13/21

Keeping an eye on Mon AM as winds look calmer and out of the east for our stations. However currently not anticipating fog for our stations on Mon.



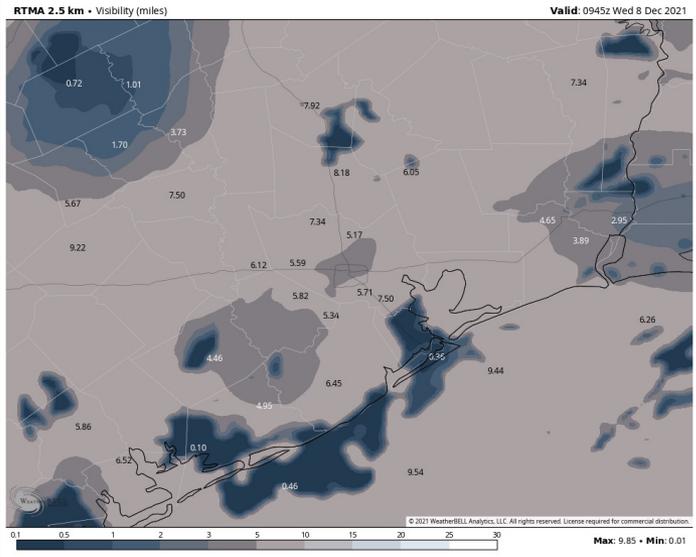
Daily Fog Chance

Saturday AM	Unlikely
Sunday AM	Unlikely
Monday AM	Possible

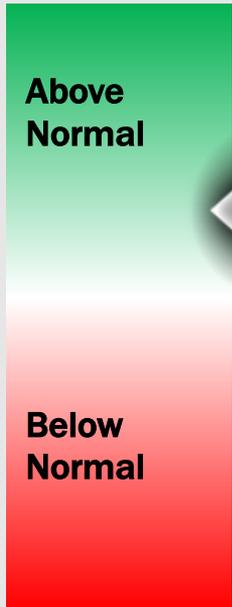
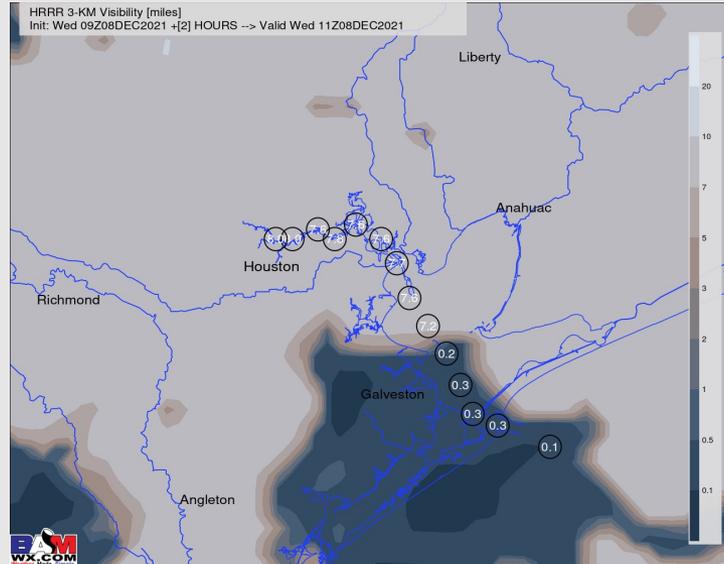
Houston Pilots Visibility Report



Current Visibility (miles)



8 AM CT MON Visibility (miles)



Fog Threat

Current - 10 AM WED **Medium**

- Latest observations show pockets of dense mist/ fog along the coastline and is the reason why a Dense Fog Advisory has been issued through 9 AM for the boarding station.
- Would not be shocked to see this mist/fog potentially hang around a bit longer into the 10-11 AM window before visibilities can start to recover. A low hanging deck of clouds likely hangs around the area for most of today.
- While all stations run the risk of seeing some reduced visibilities through the morning, the boarding station/ 37/38 are the areas most prone to seeing visibility reduced below 1-2 miles.

Forecast Discussion

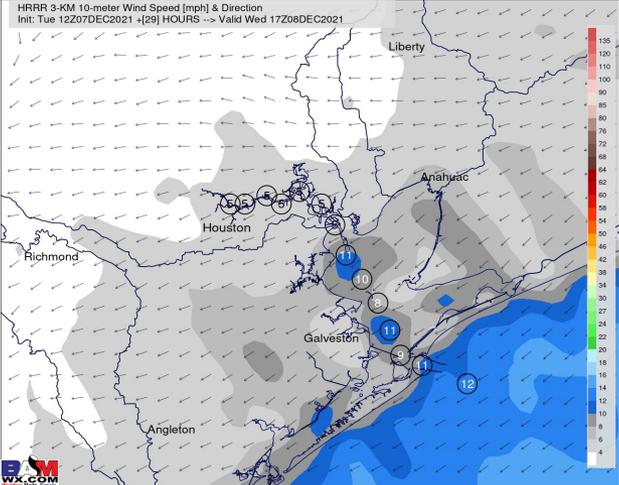
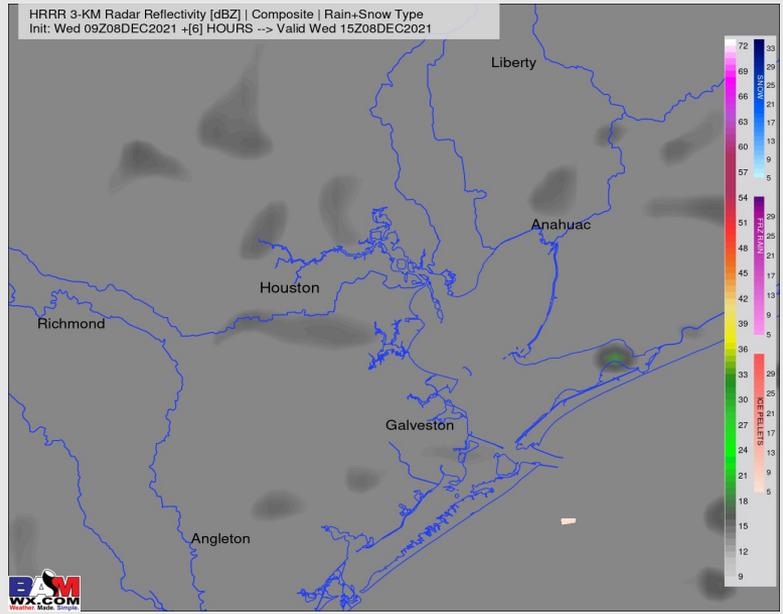
Precip: Pockets of drizzle/mist will be possible through the morning hours as a low cloud deck will be able to spit out some very light precip which could lead to some slightly reduced visibilities.

Wind: A NE wind of 5-10 MPH will continue to be possible with a few gust to 13 MPH at the boarding station. Winds will turn a bit more easterly by sundown and generally be sustained at 8-13 MPH with gusts to 15 MPH possible that will continue through the overnight.

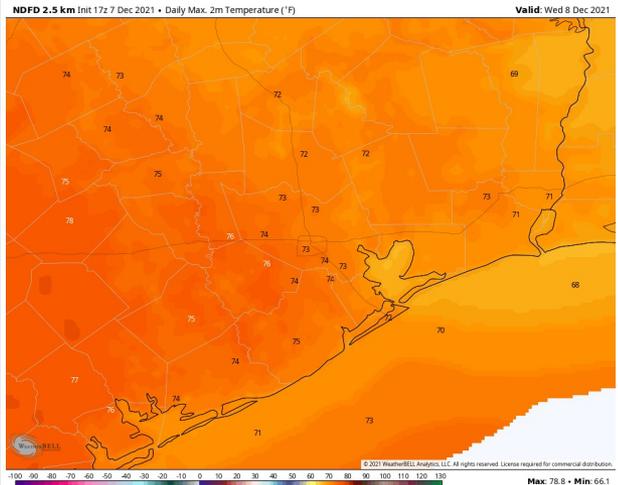
Temps: High temperatures Wed look to sit in the low 70s F.

Visibility: Check slide above for more on visibility this AM.

Precip Forecast: 9 AM CT



Wind Speed
11 AM CT



High Temps

Forecast Discussion

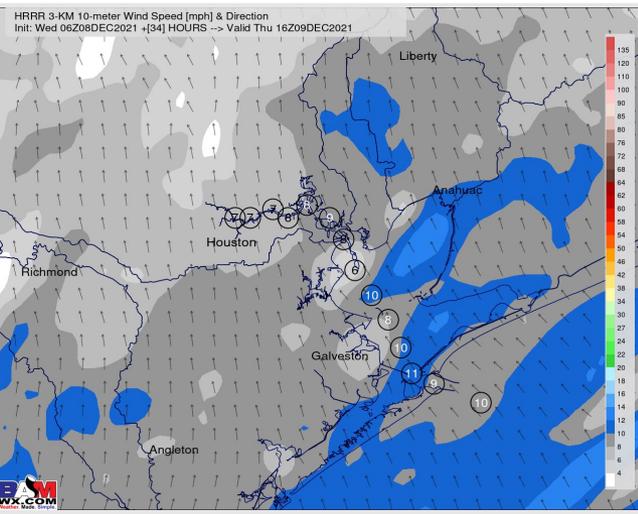
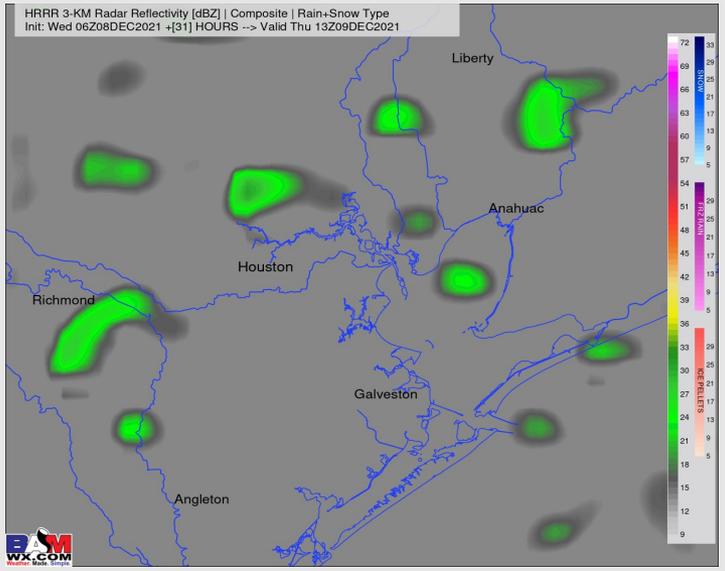
Precip: A 20-30% chance of a few scattered showers from the early AM hours into the mid-afternoon hours on Thu. A low cloud deck looks to stick around the area and provide the potential for light moisture to be squeezed out at just about anytime. Precip is expected to stay rather light.

Wind: Sustained winds look to be 10-15 MPH with some gusts to 18 MPH for most of the day at the boarding station. Favoring a southerly wind that turns more SSW after sundown. Winds do look to become more elevated into early Friday morning, but lower confidence on exact timing of this.

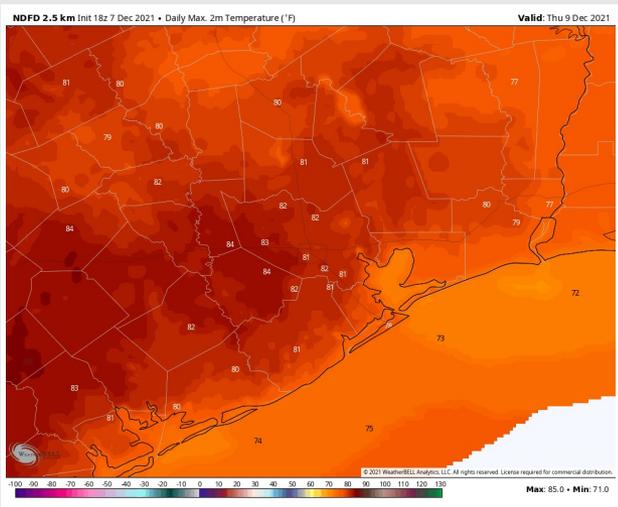
Temps: High temperatures Thu look to be in the upper 70s F to low 80s F.

Visibility: Given a southerly wind and higher dew points riding over some of the cooler coastal waters, we need to monitor the threat for mist/fog formation for tomorrow AM for the boarding station. While not a lot of guidance shows this threat with modeled visibility, the ingredients are there. We will fine tune in our PM update.

Precip Forecast: 8 AM CT



Wind Speed 9 AM CT



High Temps Thursday

Houston Pilots: *Fri. 12/10/2021*



Forecast Discussion

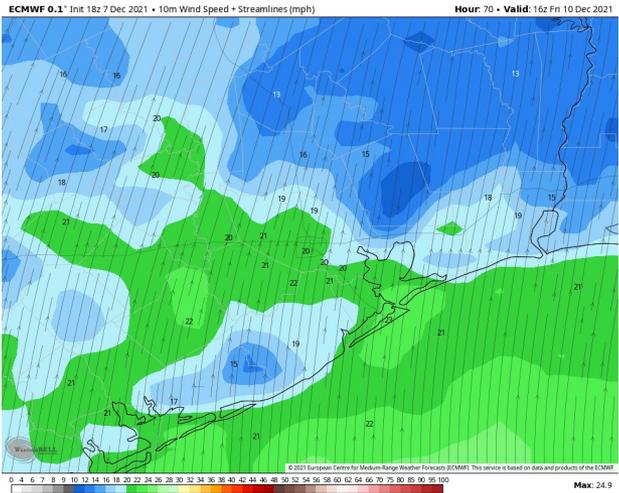
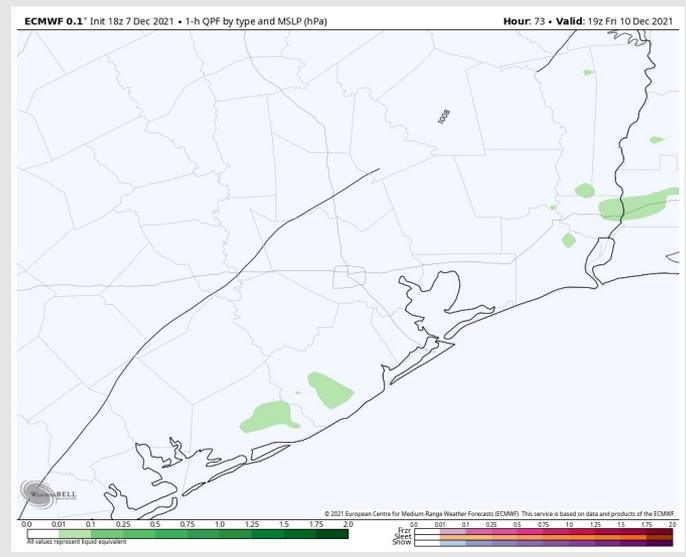
Precip: A 30% chance of a few isolated showers in the PM hours on Fri for our stations. Coverage would be rather spotty and intensity is favored to be quite light.

Wind: Sustained winds 13-18 MPH with gusts to 23 MPH look to continue at the boarding station for the early AM hours on Fri. By 6-7 AM, winds look to pick up to around 15-20 MPH sustained at the boarding station with gusts to 25 MPH possible for most of the day. Winds look to start calming down closer to midnight. Winds look to remain out of the SW on Fri.

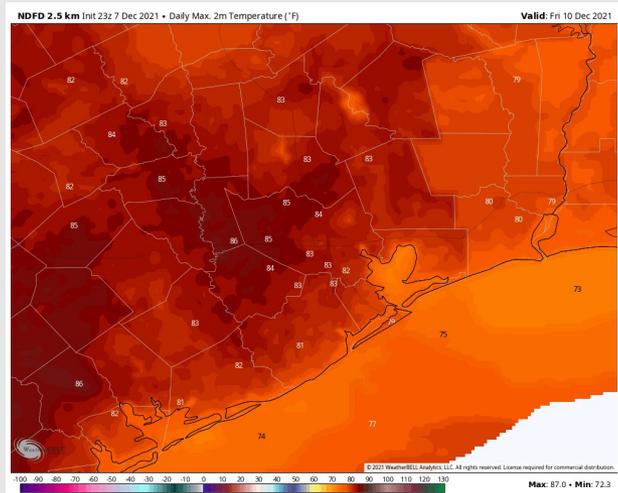
Temps: High temperatures Fri look to be in the upper 70s to low 80s F.

Visibility: Currently not anticipating fog for our stations on Fri. given the elevated winds, however if winds trend slightly lower, the fog threat for Fri AM would increase.

Precip Forecast: 1 PM CT

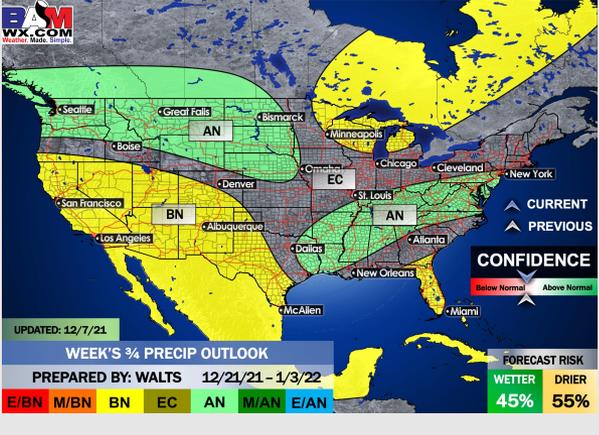
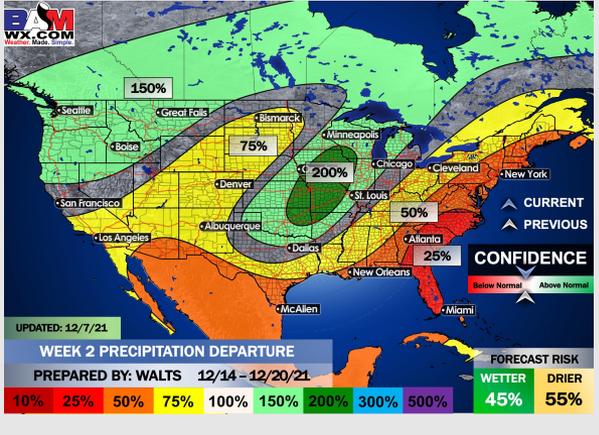
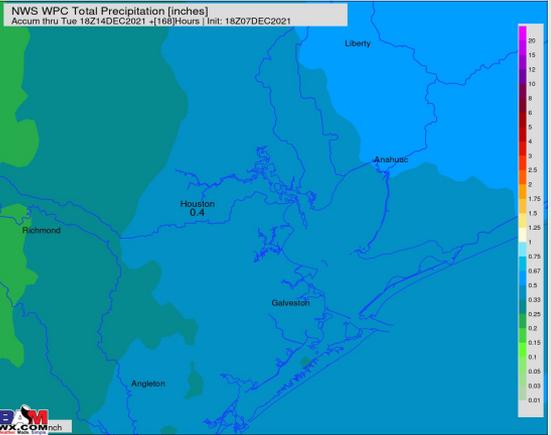
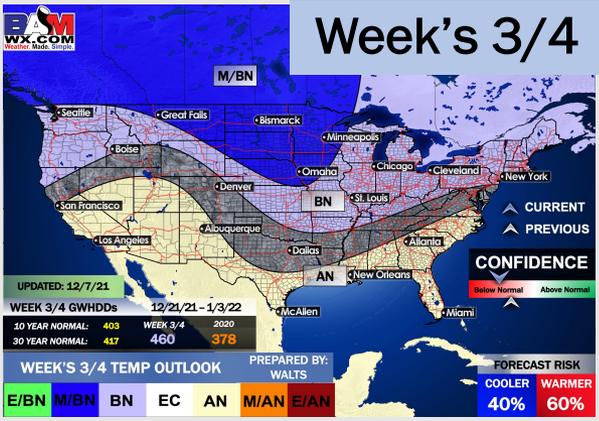
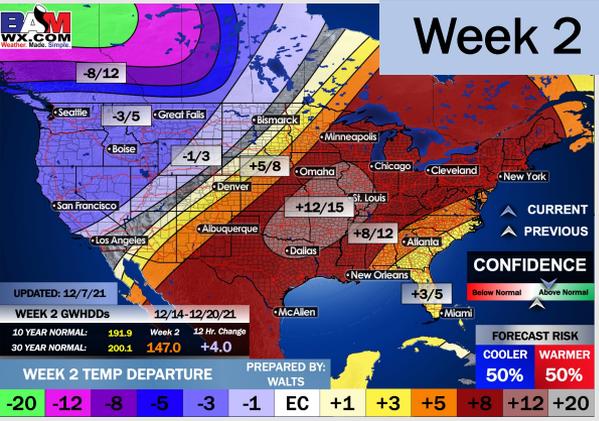
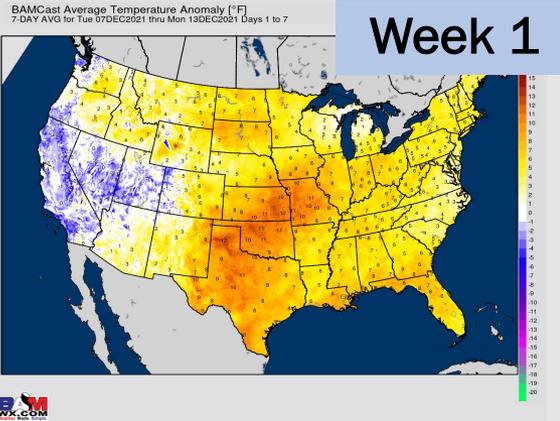


Wind Speed:
10 AM CT



High Temps
Friday

Houston Pilots: 12/8/21



- Almost daily chances for isolated/scattered precip through Sat, however, chances nor totals look impressive. Best chances for precip will come Saturday with the passing of a cold front. Temperatures expected to be above normal this week.
- The week 2 timeframe is expected to have well above normal temperatures and above normal risks for precip.
- Right now, we are favoring slightly above normal risks for temperatures and near normal to slightly above normal risks for precip for the end of December.