

Houston Pilots Forecast Package

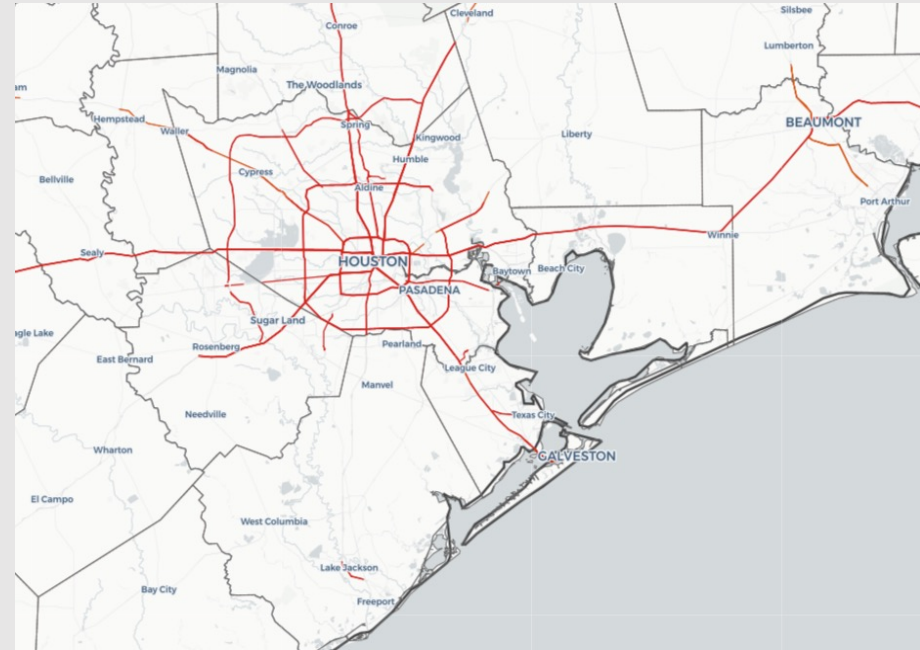


Updated: 3:15 PM CT
Friday, January 7, 2022

Forecasters: Carolina Cardona &
Caroline Klare

Weather Headlines

- Dry Today.
- Storm chances increase into tomorrow afternoon. A stronger storm or two cannot be ruled out.
- Low confidence fog threat Saturday afternoon into Sunday morning.
- Winds shift out of the north into Sunday afternoon, likely a bit elevated later Sunday into Monday morning

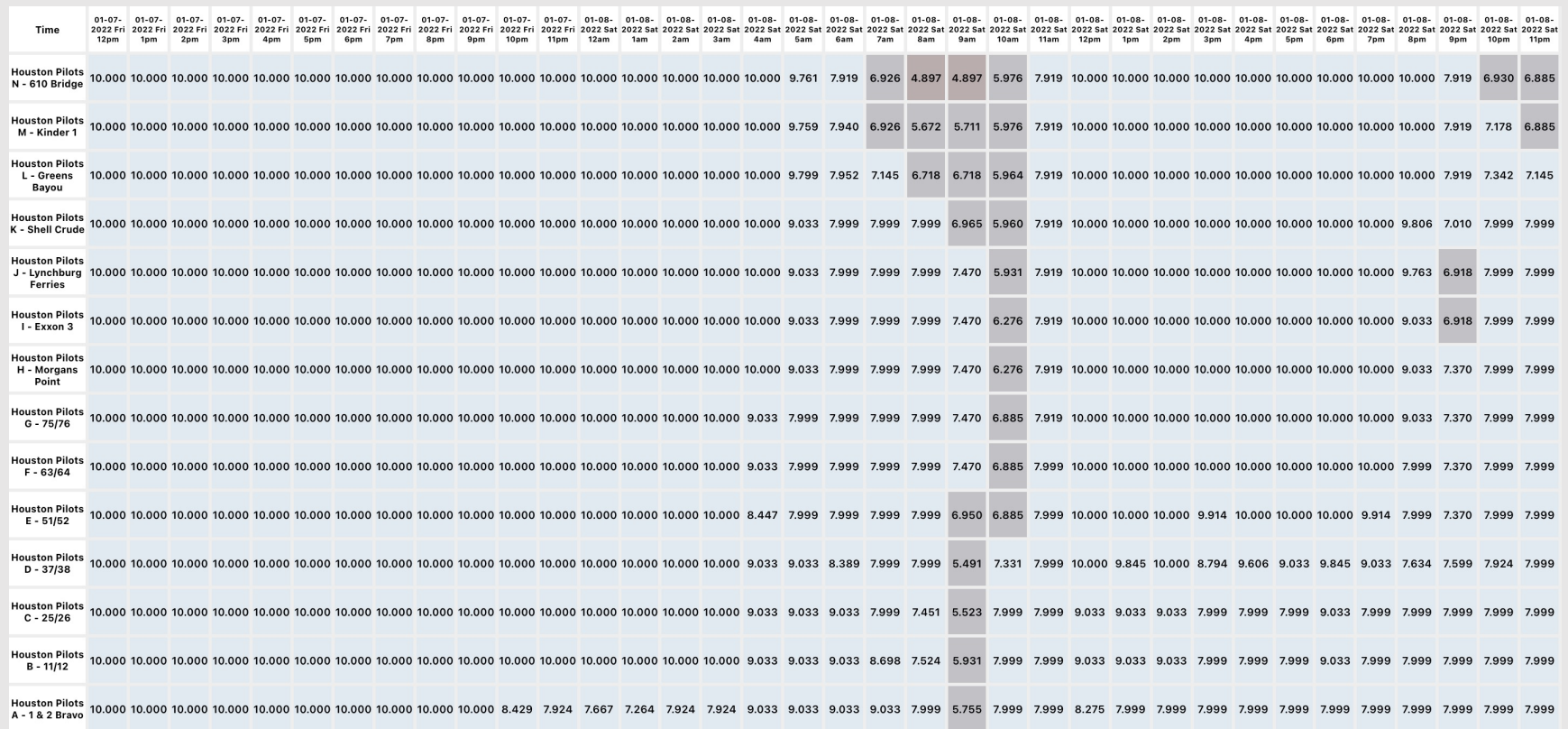


Radar/ NWS Alerts: 3:15 PM CT



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.

The image contains two logos. On the left is the logo for BAM WX.COM, featuring the letters 'BAM' in a stylized font with a white 'A' and a black shadow, followed by 'WX.COM' in black and 'Weather. Made. Simple.' in blue and red below it. On the right is the logo for Houston Pilots, featuring a large red 'H' with a black outline and the text 'Houston Pilots' in white above it.



Houston Pilots Extended Range Visibility Report



Monday, 1/10/22

Elevated northerly winds on Monday do not favor fog formation.

Confidence



Wednesday, 1/12/22

Lighter winds from the east open up the opportunity for fog formation. This far out, this would be low confidence.

Confidence



Tuesday, 1/11/22

Winds are anticipated to stay too elevated for fog formation into TUE. However, if weaker winds are realized, cannot rule out fog TUE evening. This would be low confidence.

Confidence



Daily Fog Chance

Monday AM	Unlikely
Tuesday AM	Possible
Wednesday AM	Possible

Houston Pilots: *Fri. 1/7/2022*

Forecast Discussion

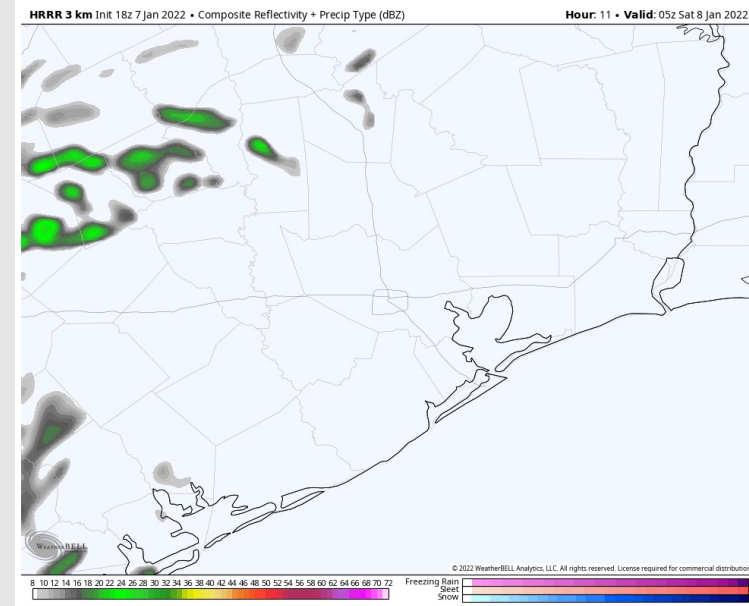
Precip: Anticipating dry conditions on Friday

Wind: Winds will be the lightest towards the Buffalo Bayou where sustained winds will be closer to 5 – 10 MPH. Towards the boarding station, sustained winds will be closer to 10 – 15 MPH. Winds start to pick up after sunset, more out of the east. Winds look to be sustained around 10 – 15 mph, at times and 20 – 25 MPH for the boarding station. Gust near 20 – 25 MPH will be possible getting into this evening and overnight.

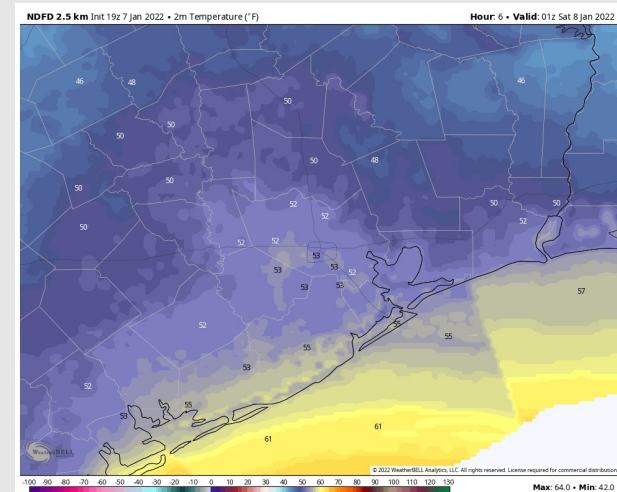
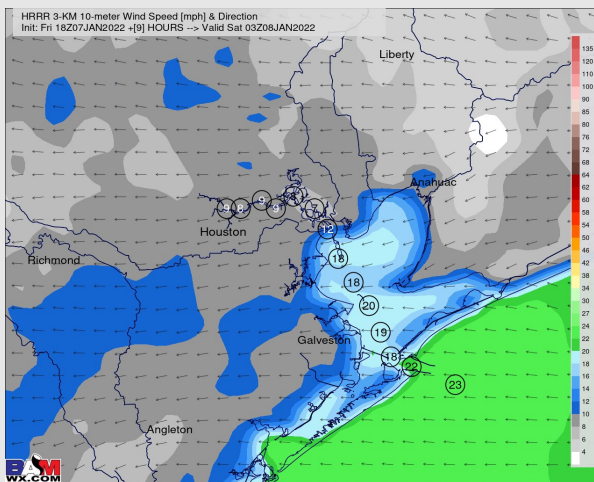
Temps: Low Temps look to be in the mid 50s, increasing overnight.

Visibility: Currently not favoring fog for our stations on Friday, however ongoing haze/reduced visibilities are anticipated to continue through midnight. See slide below for more details on reduced visibilities Saturday.

Precip Forecast: 12 PM CT



Wind Speed
9 PM CT



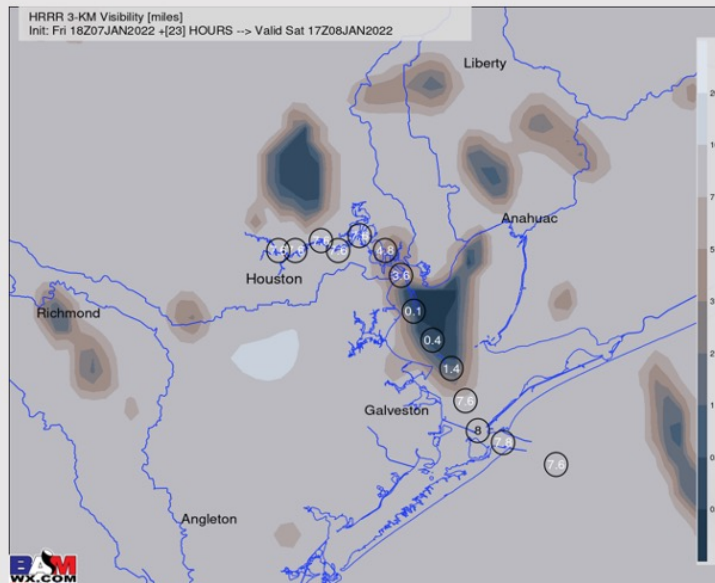
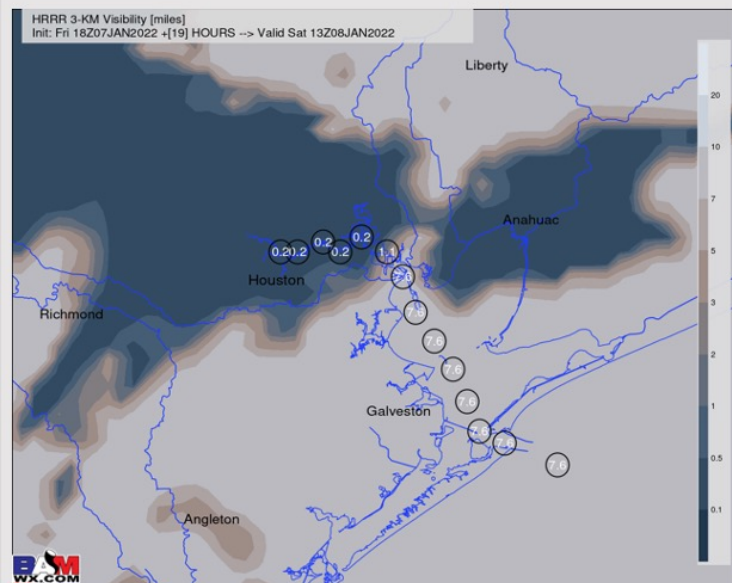
Low Temps
Friday

Houston Pilots Visibility Report

7 AM CT SAT Visibility (miles)

11 AM CT SAT Visibility (miles)

Confidence



Above
Normal

Below
Normal

Fog Threat

6-7 AM SAT ~ 11 AM-
Noon SAT

Low-
Medium

- Lower confidence with the fog/reduced visibility risk throughout the day on Saturday due to showers/thunderstorms in the area.
- Soundings suggest haze/mist can stick around from Fri night into early Sat AM, with advection fog being possible starting around 6-7 AM as winds shift more to the SE.
- Patchy fog/mist will be possible for all stations through at least the 11 AM-noon timeframe. A stronger storm moving through will be capable of dissipating fog. Lower confidence on how long patchy fog can linger for our stations as data is not in agreement. Patchy reduced visibilities continuing into the PM will be possible, we will fine tune details in tomorrow's AM update.

Houston Pilots: Sat. 1/8/2022

Forecast Discussion

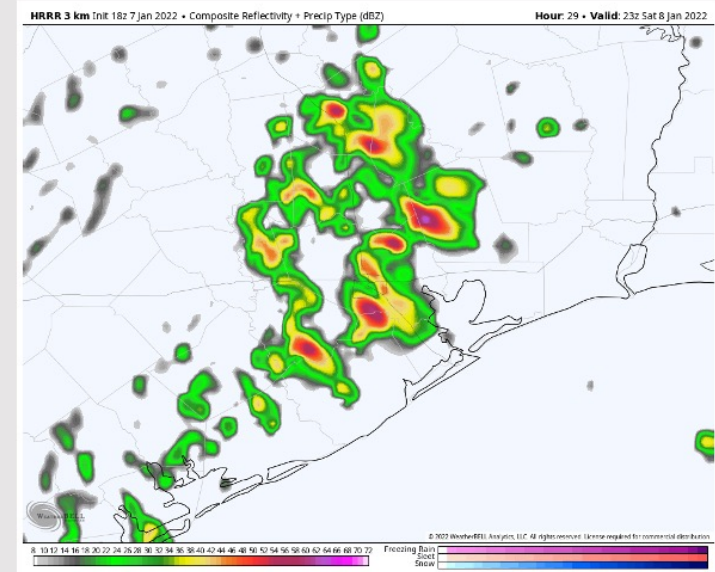
Precip: Scattered showers and thunderstorms will be favored for most of the day Saturday. Right now, looks like scattered showers could start as early as 5-7 AM, continuing throughout the day. Best time for more widespread showers/thunderstorms looks to be in the mid-late afternoon hours. There is a low-end risk that some of the storms tomorrow could be strong to severe in nature with strong wind gusts and a tornado not impossible.

Wind: Winds continue to shift more out of the SE throughout the morning hours of Saturday. Sustained winds look to be 13-18 MPH out of the SE from the AM through around the 2-3 AM timeframe with gusts 18-23 MPH at the boarding station. Around this period winds pick up closer to 15-20 MPH at the boarding station with gusts 20-25 MPH possible at the boarding station into the overnight.

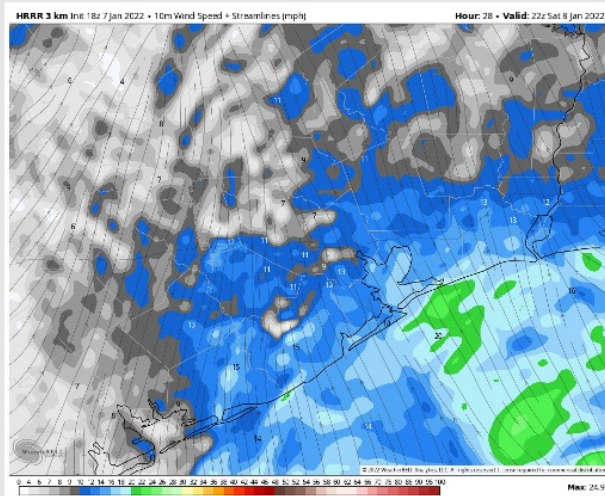
Temps: High temps rebound nicely into the mid to upper 70s F.

Visibility: See slide above for info on the fog/reduced visibility risk for Saturday.

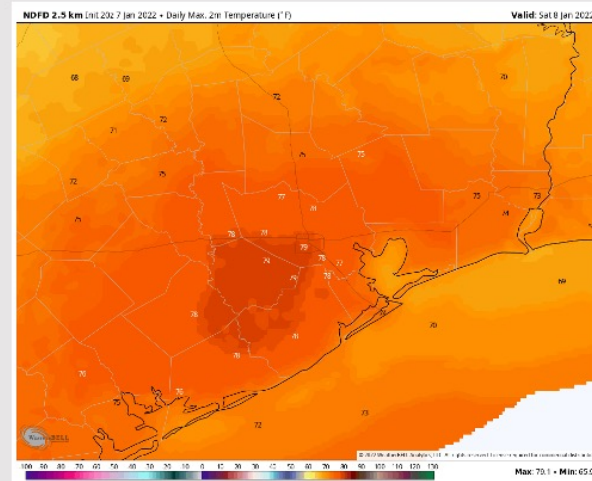
Precip Forecast: 5 PM CT



Wind Speed:
4 PM CT



High Temps
Saturday



Houston Pilots: *Sun. 1/9/2022*

Forecast Discussion

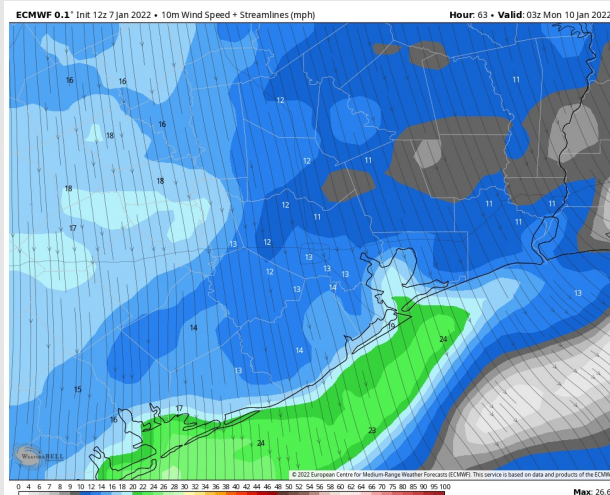
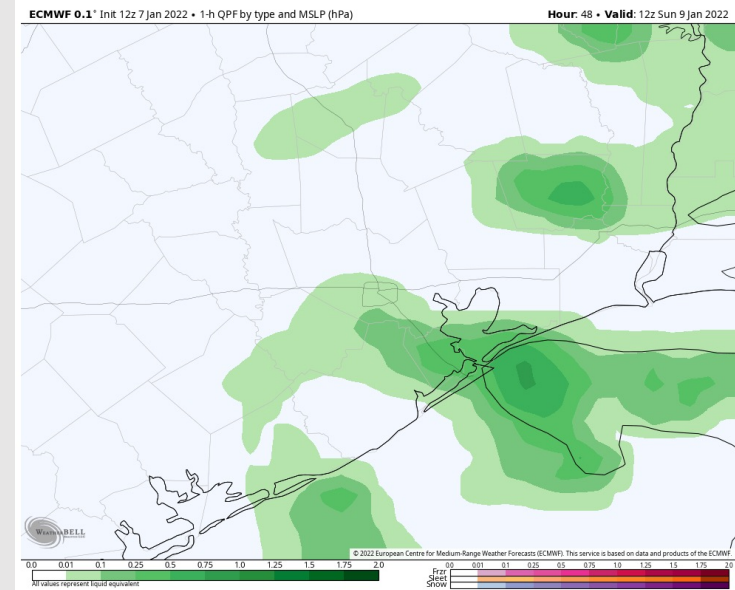
Precip: Showers and thunderstorms are possible in the AM hours proceeding the passage of a cold front. The afternoon/ evening hours are anticipated to be on the drier side.

Wind: Winds will start out the day on Sunday generally from the south before a cold front passes mid day. As this cold front passes will start to pick up through the evening hours. Winds on Sunday night likely become sustained closer to 15 – 20 MPH with gusts of 30 MPH possible. Timing and details will need to be fine-tuned regarding this.

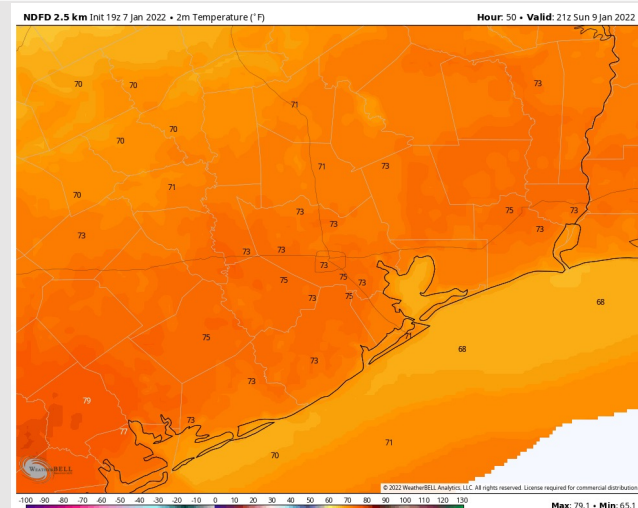
Temps: High temps look to get into the low to mid 70s on Sunday.

Visibility: As mentioned in the previous slide, will need to watch for some fog in the morning hours of Sunday before a cold front passes the area. This doesn't look to occur closer towards the 12 – 4 PM timeframe.

Precip Forecast: 6 AM CT

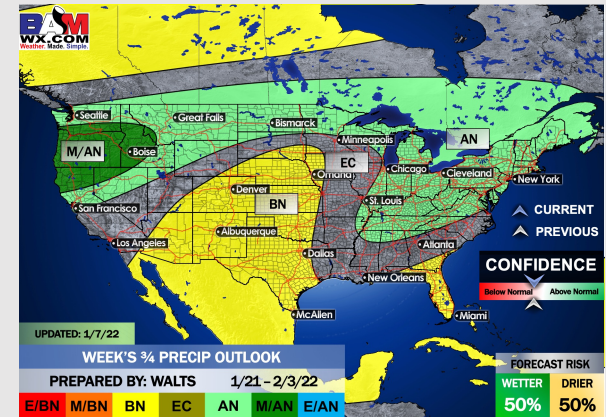
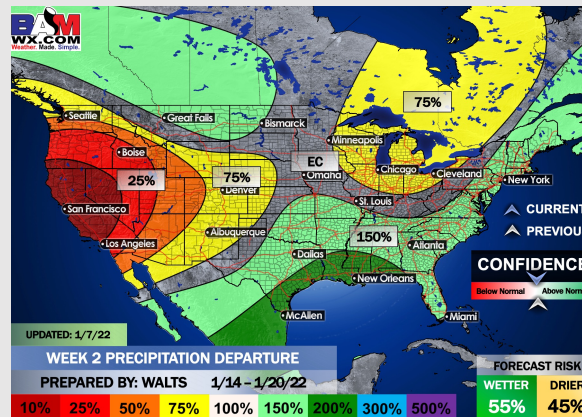
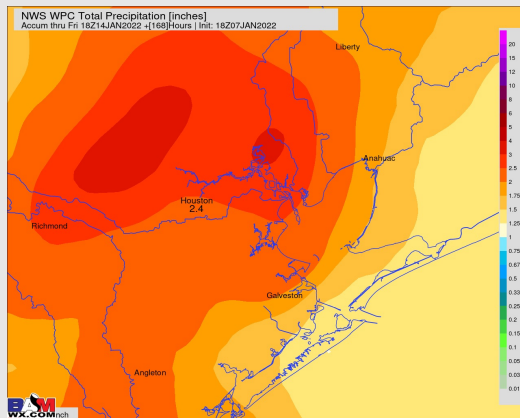
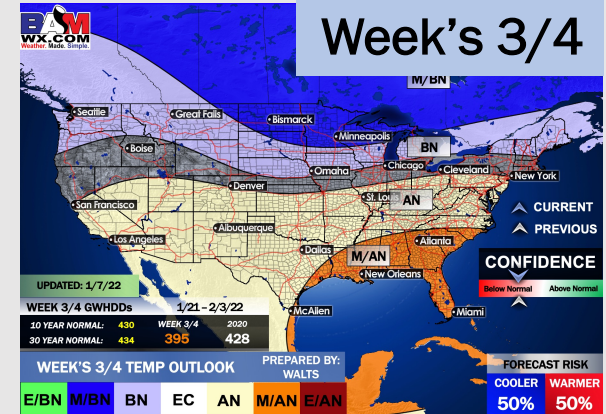
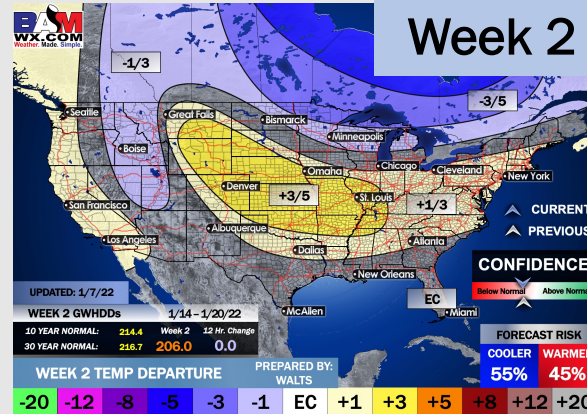
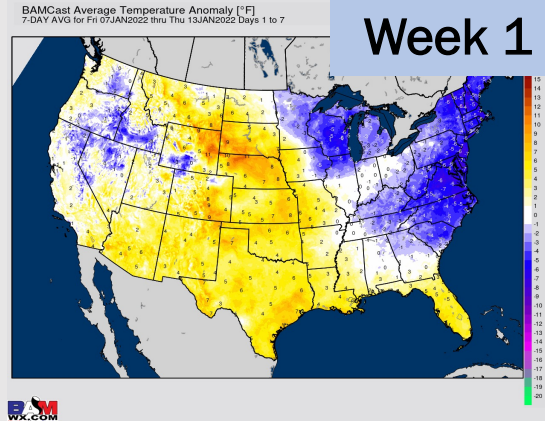


Wind Speed
9 PM CT



High Temps
Sunday

Houston Pilots: 1/7/22



- Anticipating an overall dry upcoming work week. Precip chances look to come back in this weekend.
- The week 2 timeframe is expected to have about normal temperatures and much above normal risks for precipitation.
- Right now, we are favoring much above normal risks for temperatures and below normal risks for precip for the weeks 3 and 4 timeframe.