

Houston Pilots Forecast Package



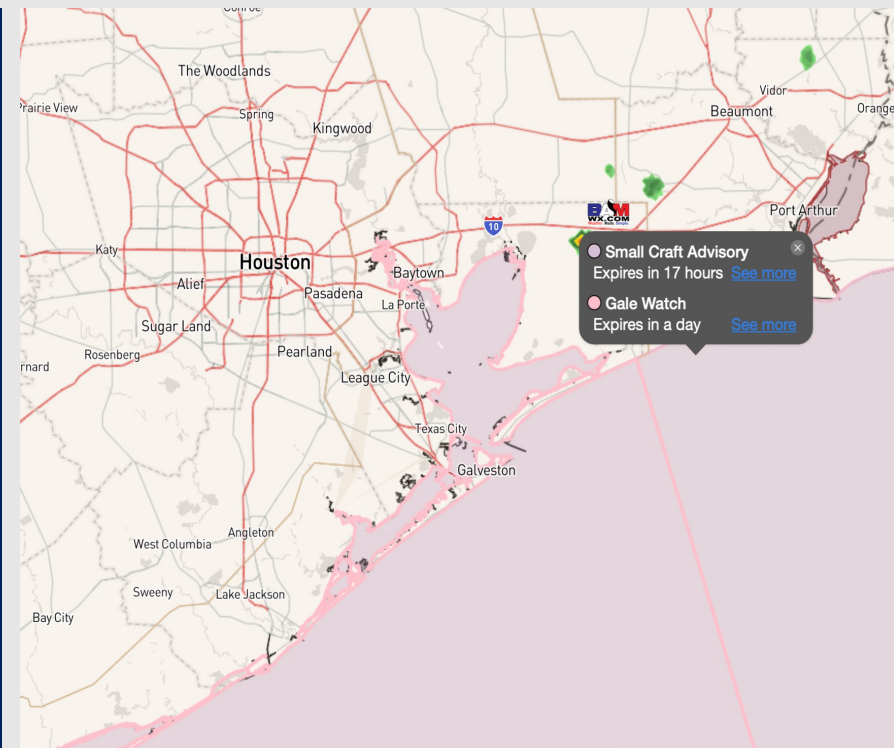
Updated: 2:45 PM CT

Thursday, January 11, 2024

Forecaster: Alyssa Elliott

Weather Headlines

- Cold front will move through the area early FRI morning.
- Wind gusts of 35 – 40 kts will be possible throughout the day FRI (up to 45 kts at the Boarding Station for a period). More details on Day 2 slide below.
- Low end risk for a couple hours of patchy fog this evening ahead of the cold front. Check visibility slide for more details.



Radar/NWS Alerts: 2:45 PM CT



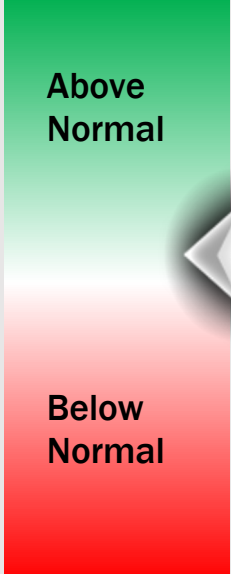
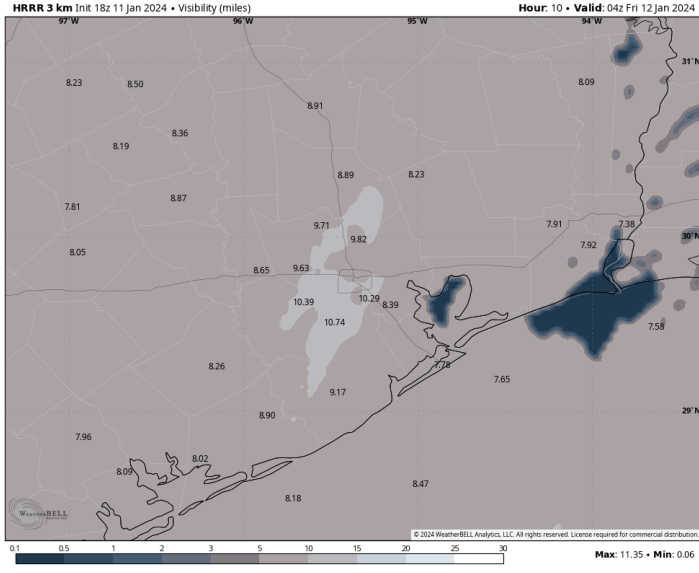
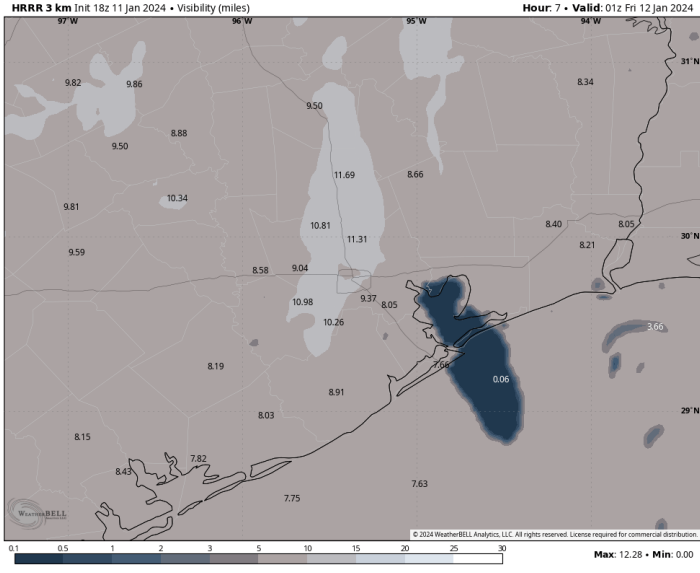
As always, please do not hesitate to reach out to us with any forecast questions via the chat option on the Weather Porthole or our on-call number, **(317)-560-8122** press 1 for forecast questions.

Houston Pilots Visibility Report



7 PM CT THU VISIBILITY 10 PM CT THU VISIBILITY

Confidence



TIMEFRAME DISCUSSED	THREAT
5 PM – 11 PM CT THU	LOW

- Lower confidence, however watching for a patchy fog risk later this evening from 5 PM through 11 PM, reducing visibility to 2 – 4 miles. A few locally dense instances of 1 mile or less cannot be ruled out.
- Anticipating this fog risk to begin within the Gulf along the Coast line where it will then begin to creep N into the Bay impacting all stations N of Morgan’s Point by 6 PM-CT.
- By 7-8 PM-CT, winds will shift a tick out of the West allowing for fog to be pushed further into the E. half of the Bay, possibly allowing for a slight improvement in visibility.
- Favoring fog to break up, restoring visibility by 11 PM.

Houston Pilots Extended Range Visibility Report



Sunday 1/14/24

No visibility concerns for Sunday.

Forecast Confidence



Monday 1/15/24

No visibility concerns for Monday.

Forecast Confidence



Tuesday 1/16/24

No visibility concerns for Tuesday.

Forecast Confidence



Chance for Fog

Sunday AM	Unlikely
Sunday PM	Unlikely
Monday AM	Unlikely
Monday PM	Unlikely
Tuesday AM	Unlikely
Tuesday PM	Unlikely

Houston Pilots Visibility Chart (miles)



Forecast Confidence



**Currently experiencing a data error.
Apologies for the inconvenience. For now, please see visibility
forecast found on the daily slides below.**

Houston Pilots Wind Chart

Forecast Confidence



Sustained wind 13 Knots

Gusts 18 Knots

Wind from the N

Example

WS: 13
G:18
N

Currently experiencing a data error.

Apologies for the inconvenience. For now, please see wind forecast found on the daily slides below.

Houston Pilots: Thu. 01/11/2024



Forecast Discussion

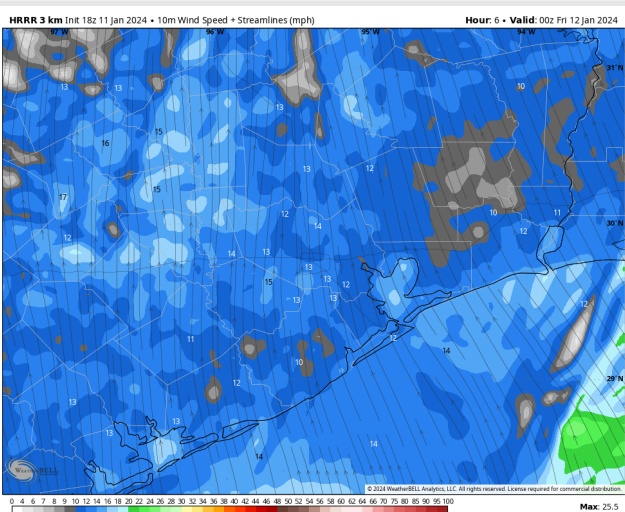
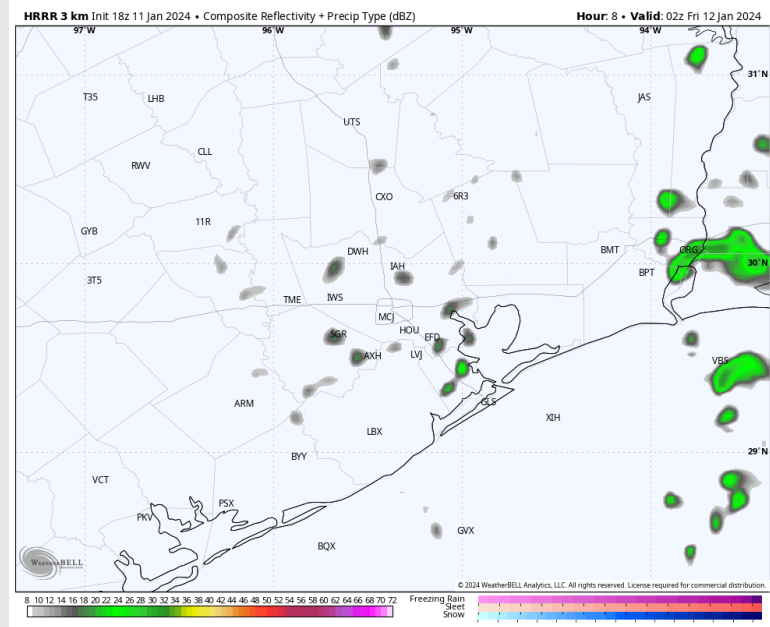
Precip: Expecting the light shower risk (20%) to remain S. of Morgan's Point until 7 PM-CT, then spotty drizzle / light showers will increase in coverage (40%) across all stations and continue into the early hours of Friday.

Wind: Winds will be out of the S throughout the rest of the day. **N of Morgan's Point:** Winds will be 13 - 18 kts through most of the evening, increasing to 15 - 20 kts nearing midnight. **S of Morgan's Point:** Winds at 12 - 17 kts through 9 PM then increase to 15-20 kts the rest of the evening, increasing even further after midnight. **Gusts near 30 kts by 11 PM at the Boarding Station will be possible.**

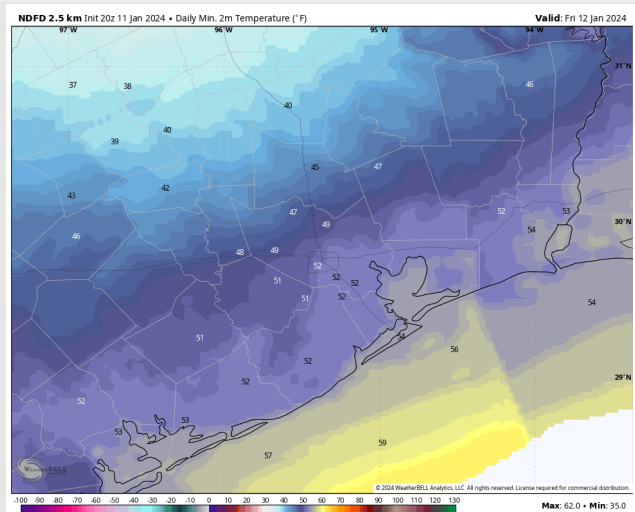
Low Temps: **N of Morgan's Point:** Low 50s F **S of Morgan's Point:** Mid 50s F

Visibility: A low end risk for patchy fog this evening out ahead of the cold front. **Check visibility slide for more details.**

Precip Image: 8 PM CT



**Wind Speeds:
6 PM CT**



**Low Temps
Fri AM**

Forecast Discussion

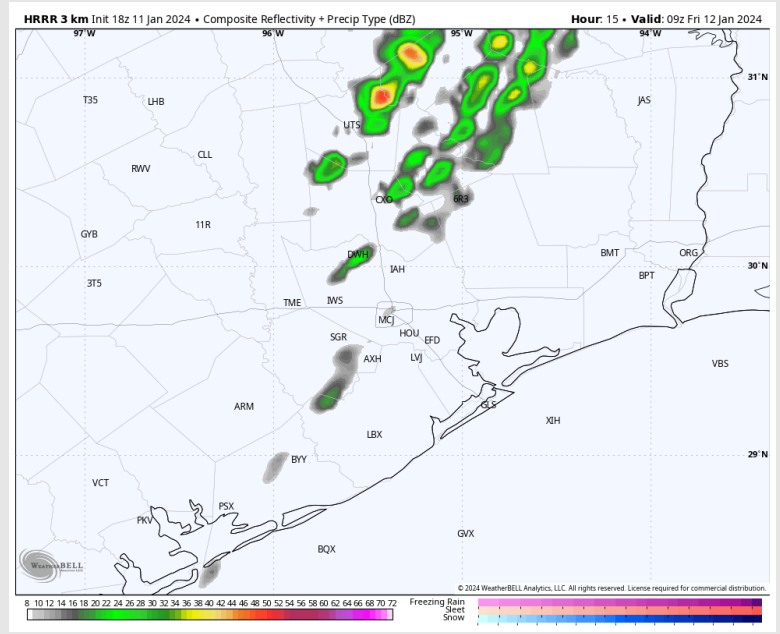
Precip: Anticipating a line of showers/storms to pass through the area during the 3-7 AM CT on FRI with dry conditions then favored for the rest of the day. **The main risk with storms will be stronger wind gusts.**

Wind: Winds out of the south through ~7 AM before veering out of the NW the rest of FRI. **N Morgan's Point:** 12-17 kts through 7 AM before increasing to 17-22 kts. Winds will increase again after 9 AM-CT to 20-25 kts where they will continue through 2 PM. After 2 PM, winds decrease to 12 - 17 kts, then will decrease again after 6 PM to 5 - 10 kts for the rest of the evening. **S of Morgan's Point:** Winds will start off at 15-20 kts before increasing to 20-25 kts by 4 AM with brief periods of closer to 30 kts. After 8 AM, winds at the Boarding Station will be sustained around 30 kts, temporarily increasing to 30-40 kts between 11 AM - 12 PM, dropping back to 30 kts thereafter through 3 PM. Winds of 20 - 25 kts favored from 4 - 7 PM, decreasing again after 7 PM from 10 - 15 kts. **Wind gusts of 35 - 40 kts will be possible at all stations from 4 AM to 4 PM with gusts at the Boarding Stations possibly reaching 45 kts around 11 AM-12 PM.**

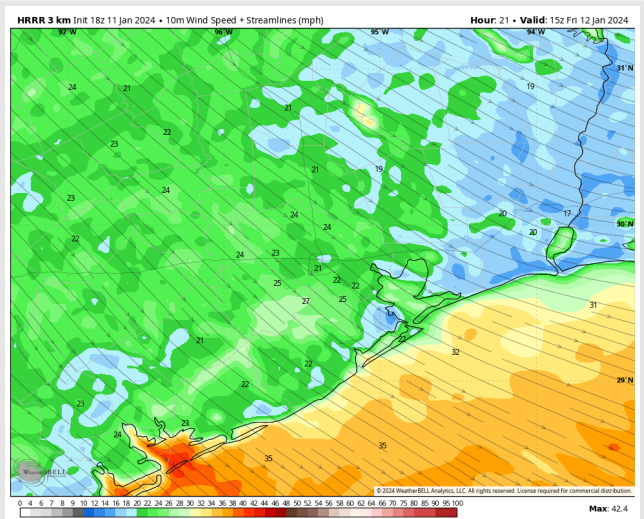
High Temps: N of Morgan's Point: Mid 60s F. S of Morgan's Point: Mid 60s F.

Visibility: Reduced visibilities of 2-4 miles possible under storms FRI AM.

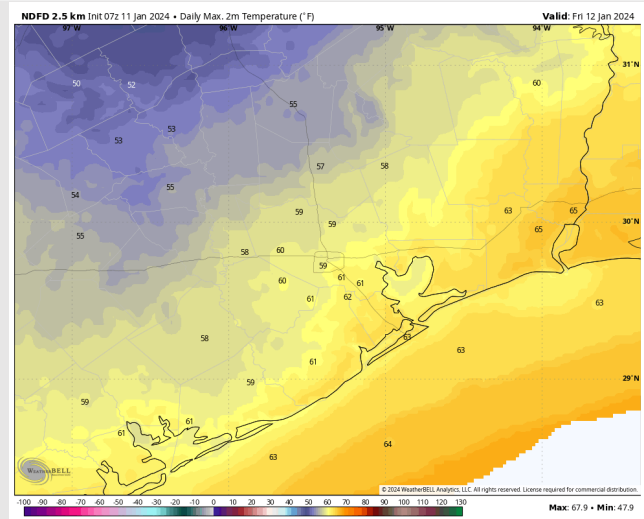
Precip Image: 3 AM CT



Wind Speed:
9 AM CT



High Temps
Friday



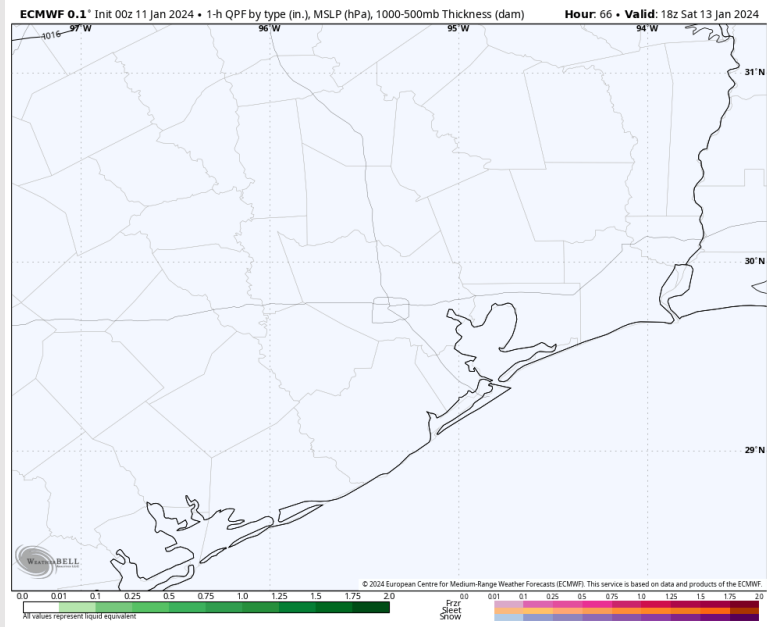
Houston Pilots: sat. 01/13/2024



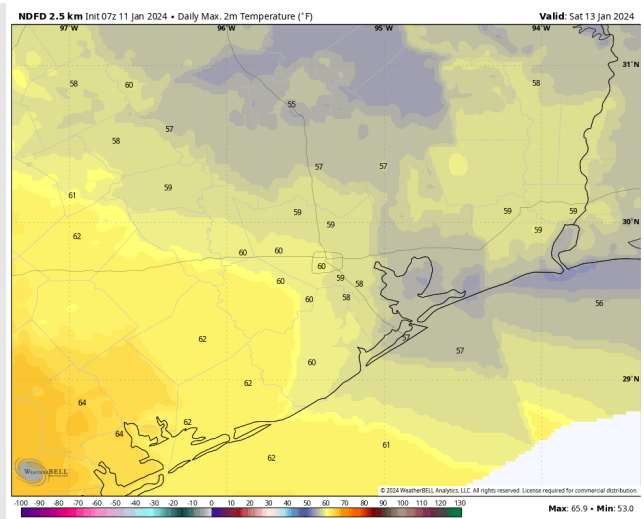
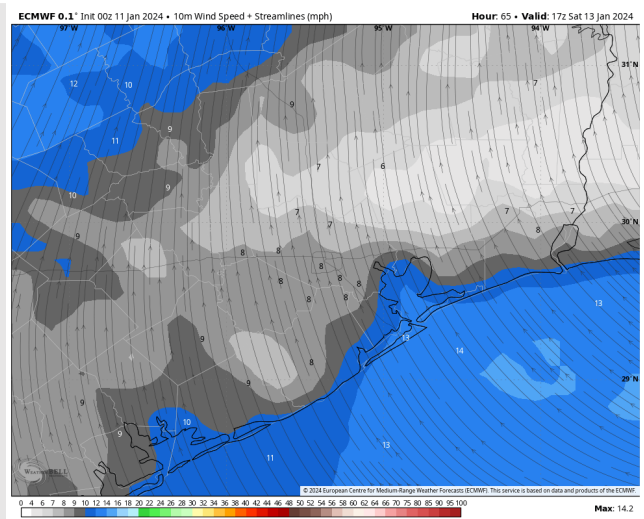
Forecast Discussion

- Precip:** Favoring dry conditions for Saturday.
- Wind:** Winds be variable just after midnight before settling out of the SE by 5 AM. **N Morgan's Point:** 3-8 kts throughout the day. **S of Morgan's Point:** Winds of 5-10 kts will calm to 3-8 kts by 5 PM, remaining at that clip for the rest of the evening.
- High Temps:** **N of Morgan's Point:** Upper 50s-Near 60 F. **S of Morgan's Point:** Upper 50s F.
- Visibility:** No visibility concerns for Saturday.

Precip Image: 12 PM CT

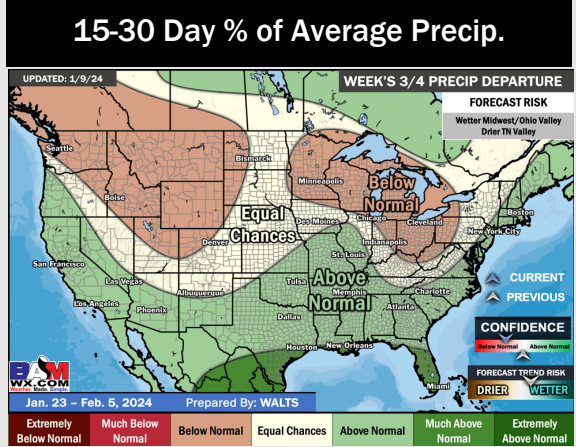
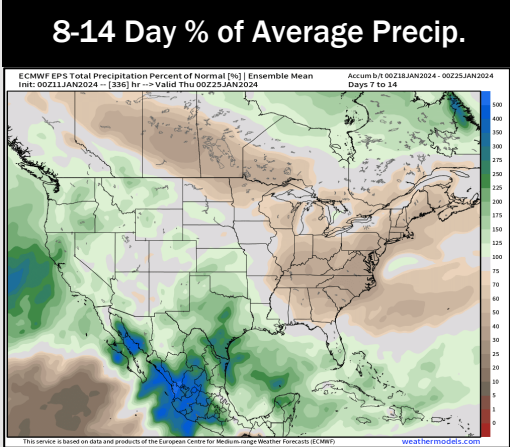
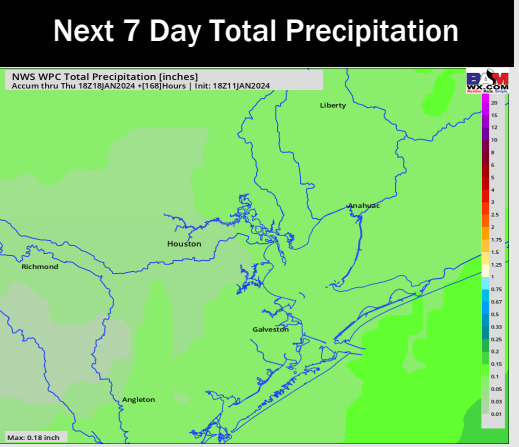
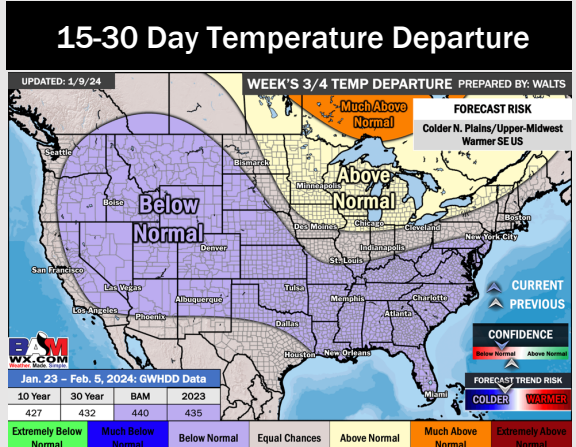
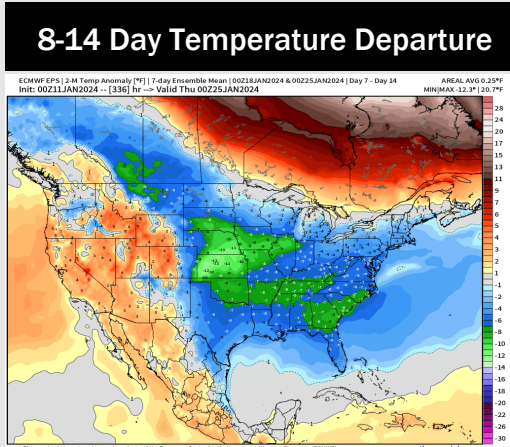
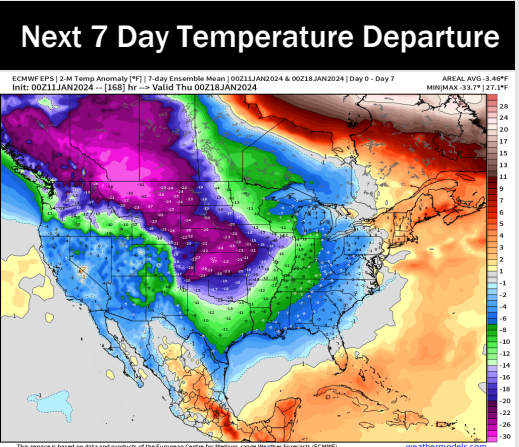


Wind Speed:
11 AM CT



High Temps
Saturday

Houston Pilots: 1/11/24



- Next opportunities for rain will be along the front tomorrow (Friday). Much below normal temperatures favored for next week.
- Seasonable to slightly above normal rain chances are expected for the week 2 timeframe. Temps expected to be much below normal.
- Below normal to seasonable temperatures and above normal chances for precipitation are favored in the weeks 3/4 timeframe.