

Houston Pilots Forecast Package



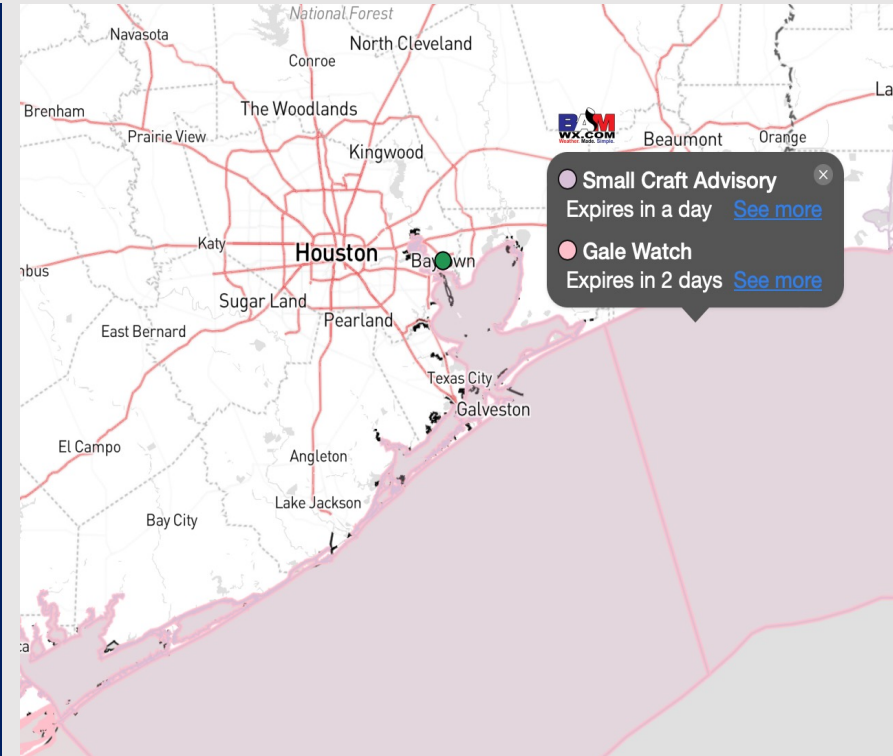
Updated: 2:45 AM CT

Thursday, January 11, 2024

Forecaster: Tyler Riggles

Weather Headlines

- Cold front moving through the area FRI morning.
- Wind gusts of 30 – 40 kts will be possible throughout the day FRI. More details on Day 2 slide below.
- Sea fog threat looks limited over the coming days outside of low-end risk this AM. Check visibility slide for more details.



Radar/NWS Alerts: 2:40 AM CT



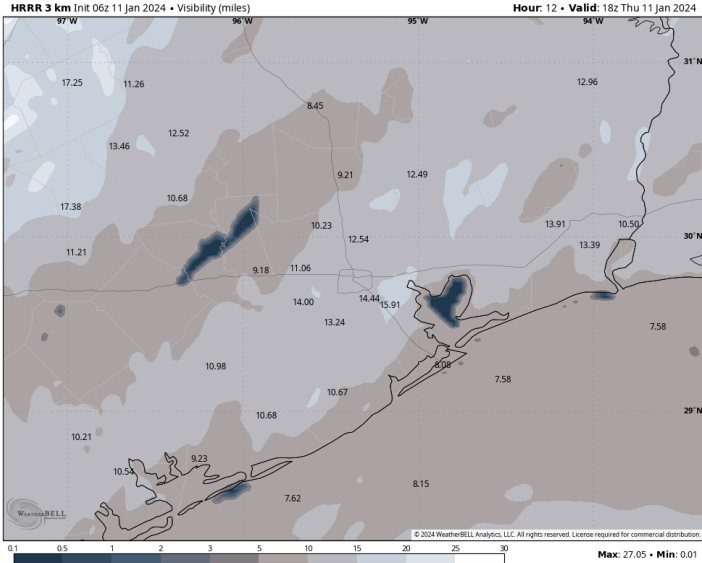
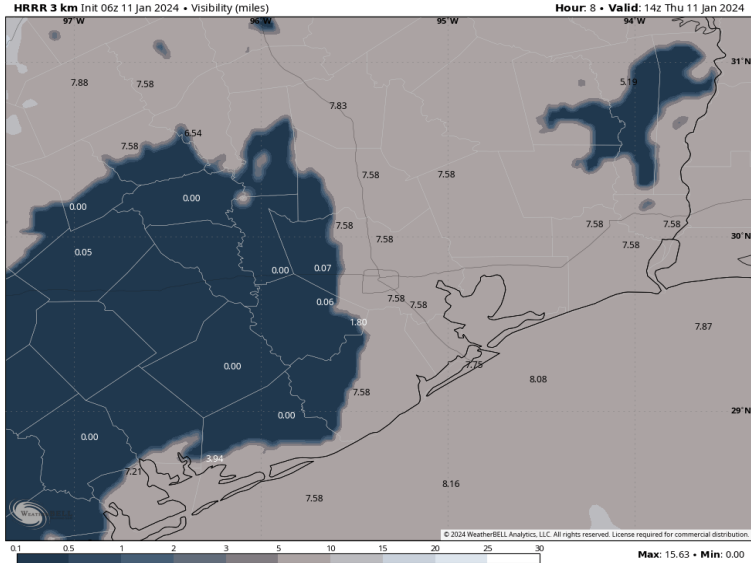
As always, please do not hesitate to reach out to us with any forecast questions via the chat option on the Weather Porthole or our on-call number, **(317)-560-8122** press 1 for forecast questions.

Houston Pilots Visibility Report



8 AM CT THU VISIBILITY 12 PM CT THU VISIBILITY

Confidence



Above Normal

Below Normal

TIMEFRAME DISCUSSED	THREAT
6 AM – 3 PM CT THU	LOW

- While the majority of morning widespread fog risks will stay to the North and West of all Stations this AM, a low-end risk for patchy fog will be in play for stations N of Morgan’s Point throughout the AM. Visibilities will likely be reduced to 2-4 miles under any patchy fog.
- Slightly higher confidence exists on an additional low-end patchy fog risk over the bay after 10 AM. Station’s S of Morgan’s Point to 51/52 will be at greatest risk for visibilities reduced to 2-4 miles.

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

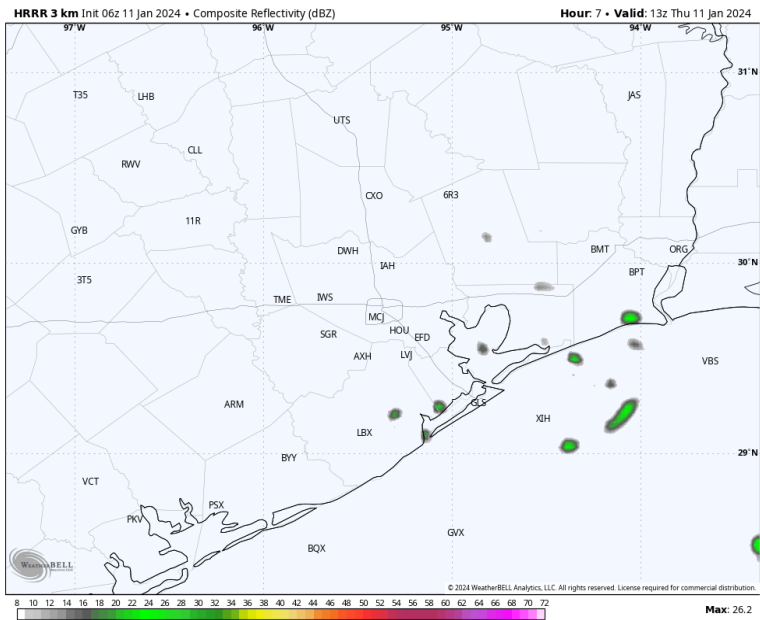
Precip: Favoring dry conditions through the very early AM with hit and miss pockets of light showers starting as early as 6 AM. Expecting the light shower risk (20%) to remain S. of Morgan's Point until 4 PM-CT, then spotty shower coverage will increase in coverage (40%) across all stations and continue into the early hours of Friday.

Wind: Winds will be out of the S throughout the day. **N of Morgan's Point:** Winds at 4-9 kts through 10 AM before increasing to 9-14 kts. **S of Morgan's Point:** Winds at 7-12 kts through 6 PM then increase to 14-19 kts the rest of the evening.

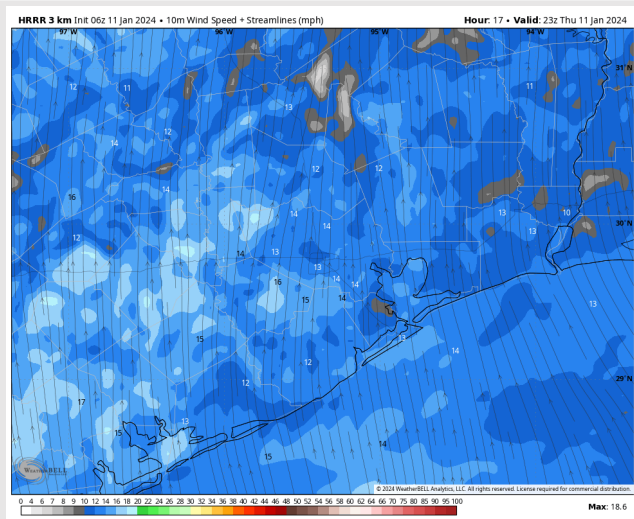
High Temps: **N of Morgan's Point:** Low 70s F **S of Morgan's Point:** Mid 60s F

Visibility: A low end risk for patchy fog this morning, however favoring fog coverage will remain to the North and West of stations. **Check visibility slide for more details.**

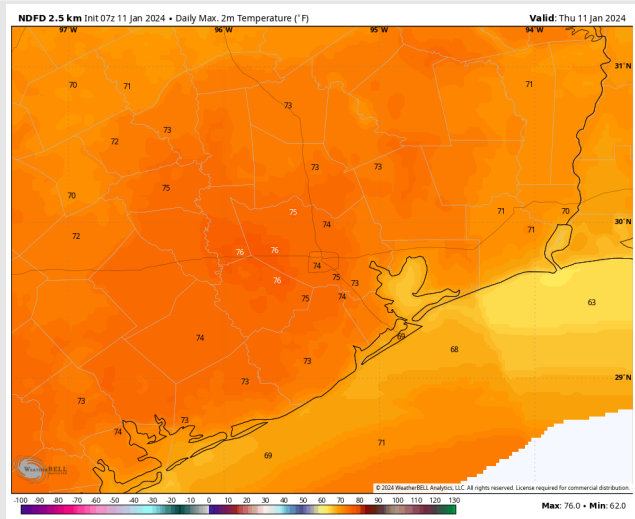
Precip Image: 7 AM CT



Wind Speeds:
5 PM CT



High Temps
Today



Houston Pilots: Fri. 01/12/2024



Forecast Discussion

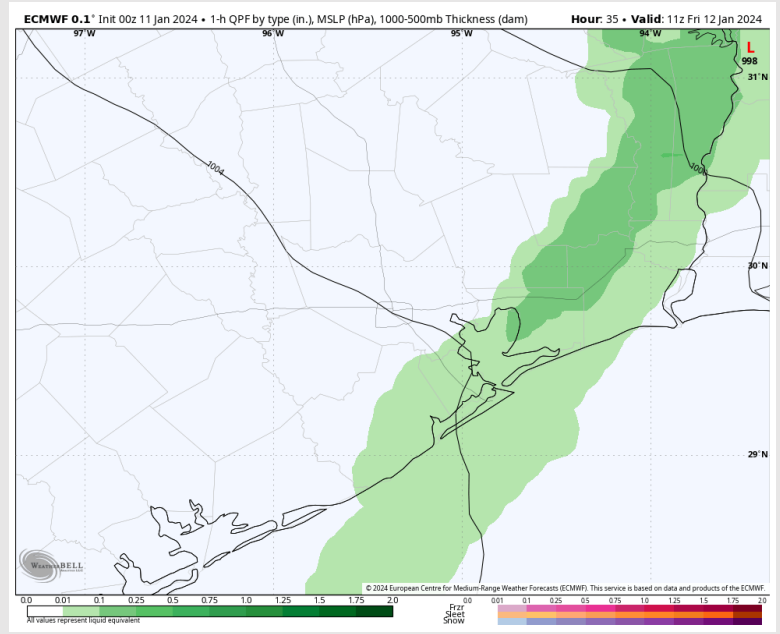
Precip: Anticipating a line of showers/storms to pass through the area during the 4-7 AM CT on FRI before dry conditions the rest of the day. **The main risk with storms will be stronger wind gusts of 30-40 kts.**

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 20-25 kts. Winds then decrease to 10-15 kts after 4 PM and 6-11 kts after 8 PM. **S of Morgan's Point:** Winds will start off at 20-25 kts before increasing to 23-28 kts by 5 AM with brief periods of closer to 30 kts. Winds will then decrease gradually starting at 3 PM to being 18-23 kts by 7 PM and 10-15 kts by 11 PM. **Wind gusts of 30-40 kts will be possible at all stations from 4 AM to 4 PM.**

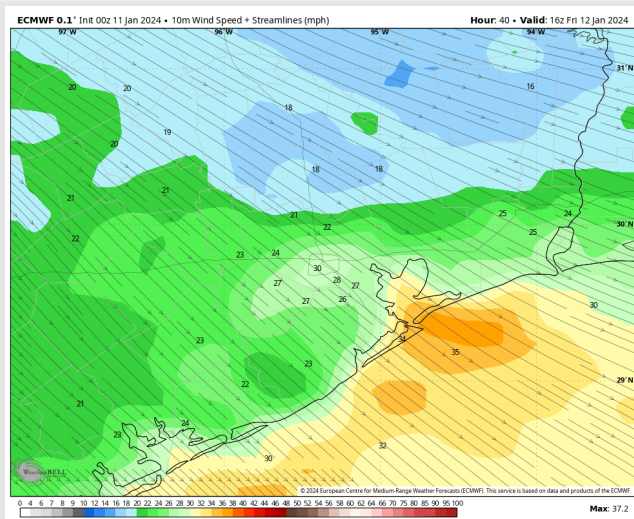
High Temps: N of Morgan's Point: Mid 60s F. S of Morgan's Point: Mid 60s F.

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

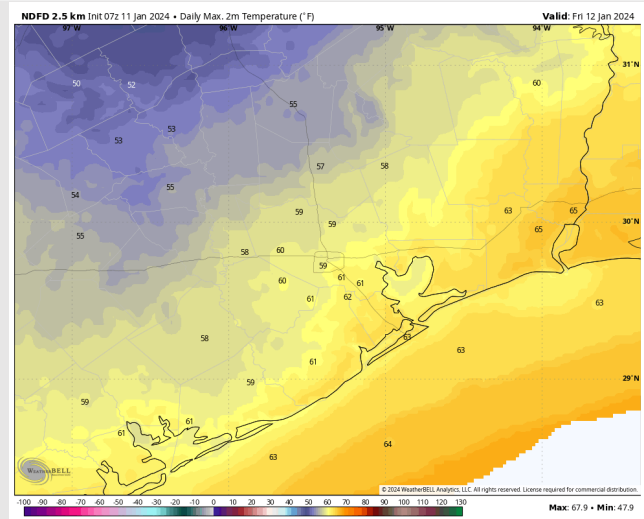
Precip Image: 5 AM CT



**Wind Speed:
10 AM CT**



**High Temps
Friday**



Houston Pilots: sat. 01/13/2024



Forecast Discussion

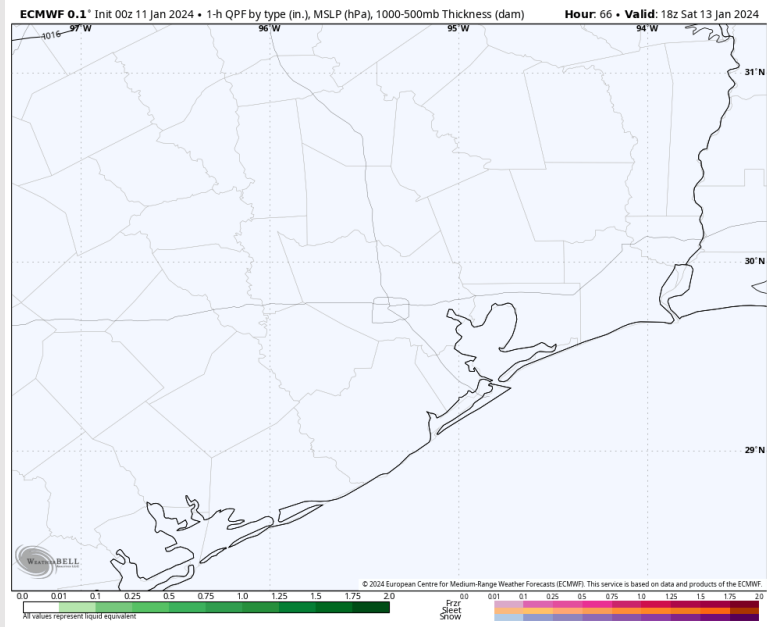
Precip: Favoring dry conditions for Saturday.

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.

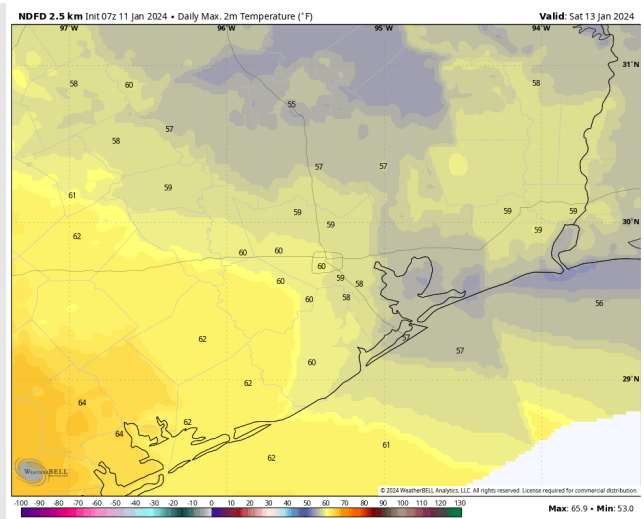
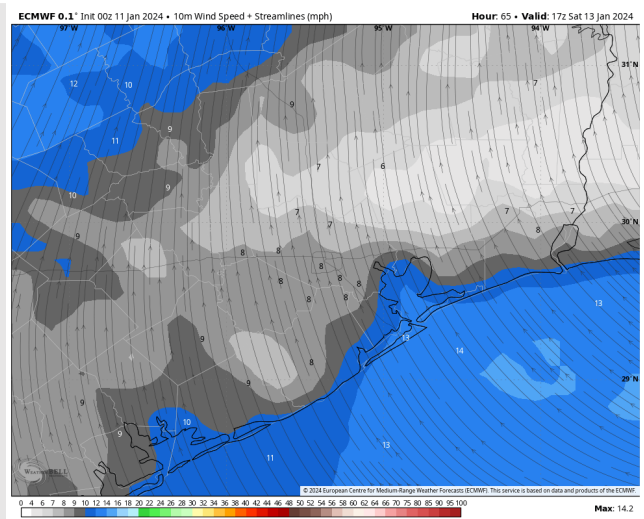
High Temps: **N of Morgan's Point:** Upper 50s-Near 60 F. **S of Morgan's Point:** Upper 50s F.

Visibility: No visibility concerns for Saturday.

Precip Image: 12 PM CT



Wind Speed:
11 AM CT

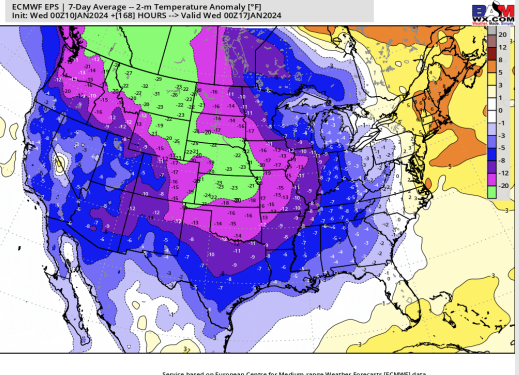


High Temps
Saturday

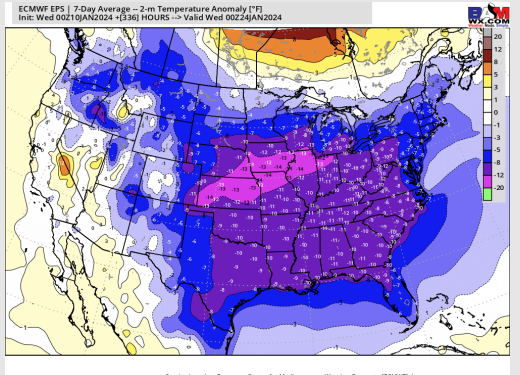
Houston Pilots: 1/11/24



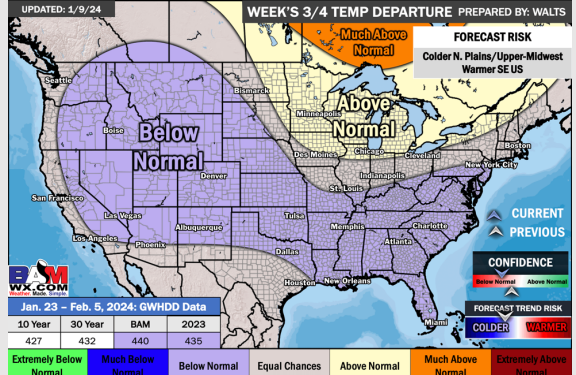
Next 7 Day Temperature Departure



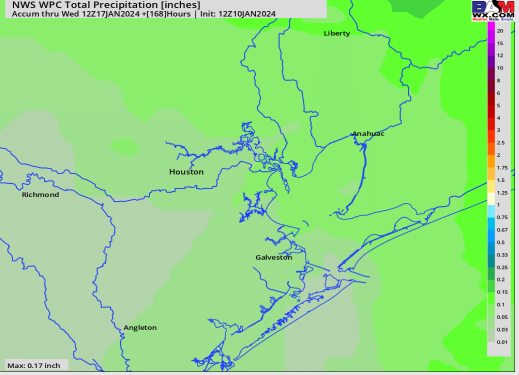
8-14 Day Temperature Departure



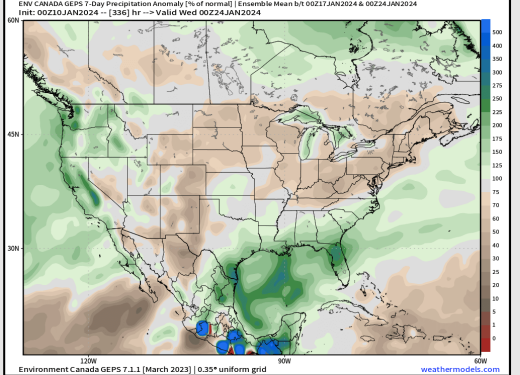
15-30 Day Temperature Departure



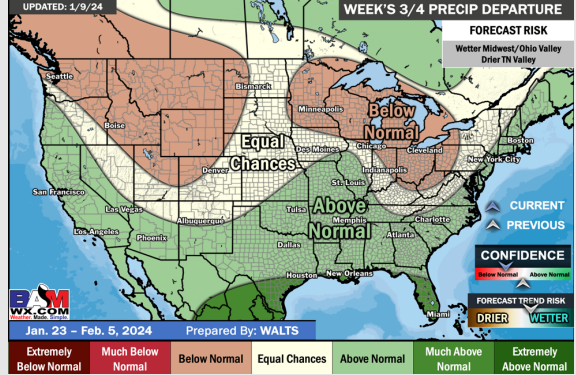
Next 7 Day Total Precipitation



8-14 Day % of Average Precip.



15-30 Day % of Average Precip.



- Next opportunities for rain will be Thursday/Friday. Much below normal temperatures for next week.
- Seasonable to slightly above normal precip. 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.