

Houston Pilots Forecast Package



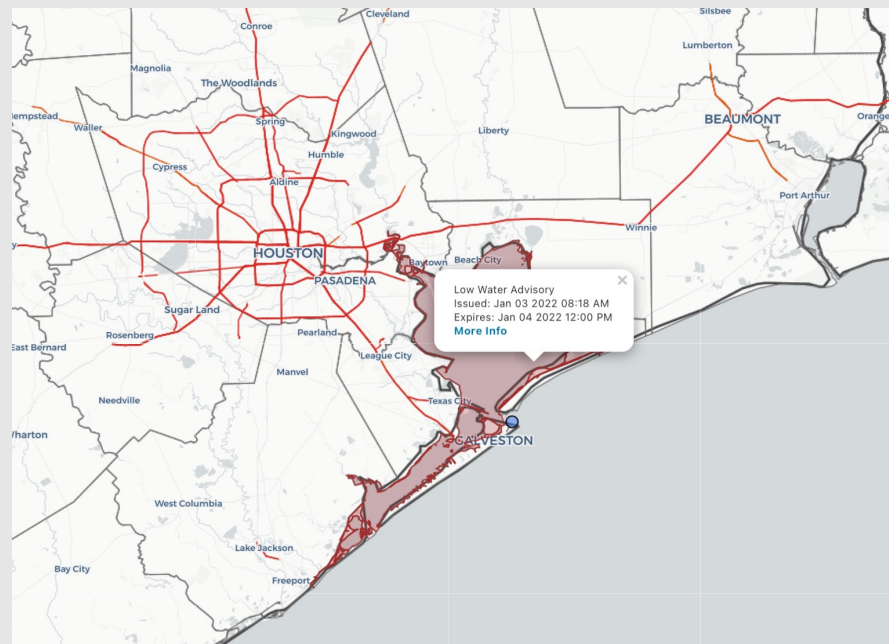
Updated: 5:00 AM CT

Tuesday, January 4, 2022

Forecaster: Carolina/Caroline

Weather Headlines

- Anticipating dry conditions at least for the next several days with very minimal precipitation chances.
- Winds increase slightly again later this afternoon.
- Wednesday AM patchy fog threat looks to stay confined inland (appearing not to be a sea fog setup). Thursday AM will need monitored as the potential for fog increases some. More details on the WED & THU slides.
- Temps slowly rebound this week.

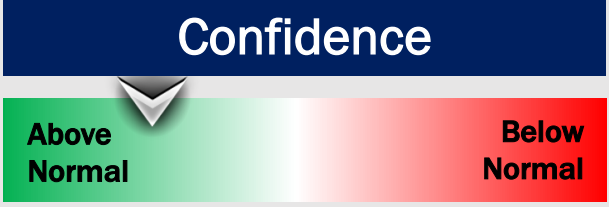


Radar/ NWS Alerts: 5:00 AM CT



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 Visibility Report



| Time | 01-04-2022 Tue 3am | 01-04-2022 Tue 4am | 01-04-2022 Tue 5am | 01-04-2022 Tue 6am | 01-04-2022 Tue 7am | 01-04-2022 Tue 8am | 01-04-2022 Tue 9am | 01-04-2022 Tue 10am | 01-04-2022 Tue 11am | 01-04-2022 Tue 12pm | 01-04-2022 Tue 1pm | 01-04-2022 Tue 2pm | 01-04-2022 Tue 3pm | 01-04-2022 Tue 4pm | 01-04-2022 Tue 5pm | 01-04-2022 Tue 6pm | 01-04-2022 Tue 7pm | 01-04-2022 Tue 8pm | 01-04-2022 Tue 9pm | 01-04-2022 Tue 10pm | 01-04-2022 Tue 11pm | 01-05-2022 Wed 12am | 01-05-2022 Wed 1am | 01-05-2022 Wed 2am | 01-05-2022 Wed 3am | 01-05-2022 Wed 4am | 01-05-2022 Wed 5am | 01-05-2022 Wed 6am | 01-05-2022 Wed 7am | 01-05-2022 Wed 8am | 01-05-2022 Wed 9am | 01-05-2022 Wed 10am | 01-05-2022 Wed 11am | 01-05-2022 Wed 12pm | 01-05-2022 Wed 1pm | 01-05-2022 Wed 2pm |
|--------------------------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|---------------------|---------------------|---------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|---------------------|---------------------|---------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|---------------------|---------------------|---------------------|--------------------|--------------------|
| Houston Pilots N - 610 Bridge | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 7.954 | 6.920 | 0.477 | 0.284 | 0.284 | 0.284 | 6.930 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 |
| Houston Pilots M - Kinder 1 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 7.954 | 6.920 | 2.460 | 2.309 | 2.309 | 2.309 | 7.178 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 |
| Houston Pilots L - Greens Bayou | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 8.133 | 7.706 | 4.912 | 4.812 | 4.812 | 4.812 | 7.539 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 |
| Houston Pilots K - Shell Crude | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 8.988 | 8.988 | 8.988 | 9.033 | 7.999 | 7.999 | 7.999 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 |
| Houston Pilots J - Lynchburg Ferries | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 8.988 | 8.988 | 8.988 | 9.033 | 7.999 | 7.999 | 7.999 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 |
| Houston Pilots I - Exxon 3 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 8.988 | 8.988 | 8.988 | 9.033 | 7.999 | 7.999 | 7.999 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 |
| Houston Pilots H - Morgans Point | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 9.910 | 8.988 | 8.988 | 8.988 | 9.033 | 7.999 | 7.999 | 7.999 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 |
| Houston Pilots G - 75/76 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 8.988 | 8.988 | 8.988 | 8.988 | 9.033 | 7.999 | 7.999 | 8.711 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 |
| Houston Pilots F - 63/64 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 8.988 | 8.988 | 8.988 | 8.988 | 9.033 | 7.999 | 7.999 | 9.033 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 |
| Houston Pilots E - 51/52 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 8.988 | 8.988 | 8.988 | 8.988 | 9.033 | 7.999 | 7.999 | 9.033 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 |
| Houston Pilots D - 37/38 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 8.988 | 8.988 | 8.988 | 9.033 | 9.033 | 9.033 | 9.033 | 9.033 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 |
| Houston Pilots C - 25/26 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 8.988 | 8.988 | 8.988 | 9.033 | 9.033 | 9.033 | 9.033 | 9.033 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 |
| Houston Pilots B - 11/12 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 8.988 | 8.988 | 8.988 | 9.033 | 9.033 | 9.033 | 9.033 | 9.033 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 |
| Houston Pilots A - 1 & 2 Bravo | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 8.988 | 8.988 | 8.988 | 9.033 | 9.033 | 9.033 | 9.033 | 9.033 | 9.808 | 9.808 | 9.822 | 9.822 | 9.822 |

Check WED slide for more details on AM reduced visibility threat.

Houston Pilots Extended Range Visibility Report



Friday, 1/7/22

With elevated winds out of the NE, not anticipating fog for our stations Fri AM.

Confidence

Above
Normal

Below
Normal

Sunday, 1/9/22

Fog development is not impossible Sun AM, but SW winds likely limit the potential for sea fog. Perhaps fog overland in more northerly areas will be more possible.

Confidence

Above
Normal

Below
Normal

Saturday, 1/8/22

Worth keeping an eye on things regarding fog chances given a switch back to a SE winds, but speeds staying elevated + precipitation likely limit this potential.

Confidence

Above
Normal

Below
Normal

Daily Fog Chance

Friday AM

Unlikely

Saturday AM

Possible

Sunday AM

Possible

Houston Pilots: Tue. 1/4/2022

Forecast Discussion

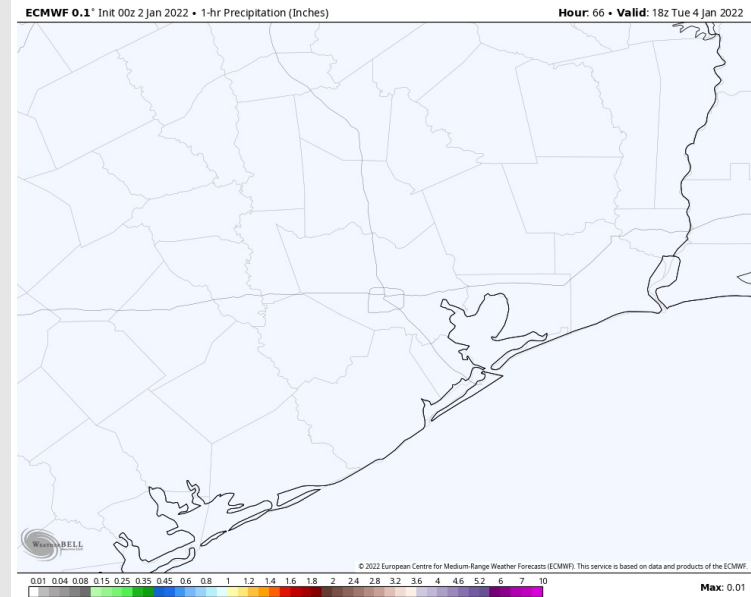
Precip: Overall favoring a dry day today.

Wind: Sustained winds look to be 5-10 MPH out of the SSE with gusts 10-15 MPH at the boarding station for most of the AM hours. By around ~1 PM, sustained winds look to increase to 10-15 MPH with gusts 15-20 MPH possible at the boarding station and continue through the afternoon. By around ~9 PM, sustained winds are 15-20 MPH out of the SSW with at the boarding station. Winds then quickly start to calm down after midnight.

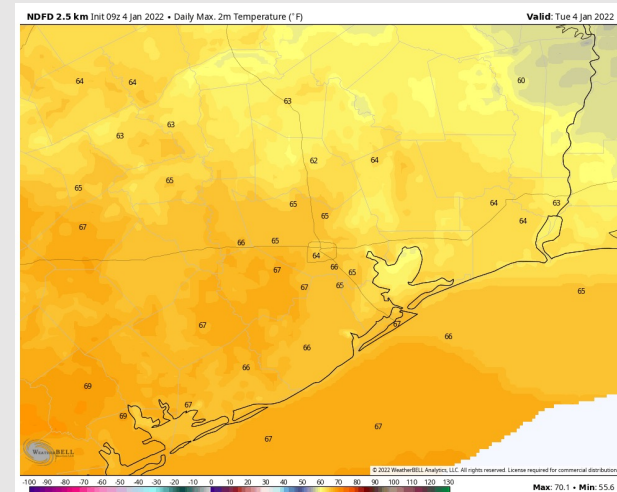
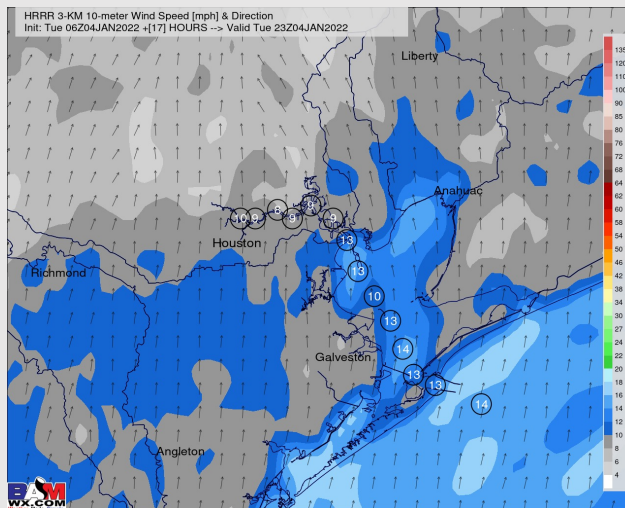
Temps: High Temps are expected to reach the mid 60s F.

Visibility: Currently not favoring fog for our stations .

Precip Forecast: 12 PM CT



Wind Speed
5 PM CT



High Temps

Houston Pilots: Wed. 1/5/2022

Forecast Discussion

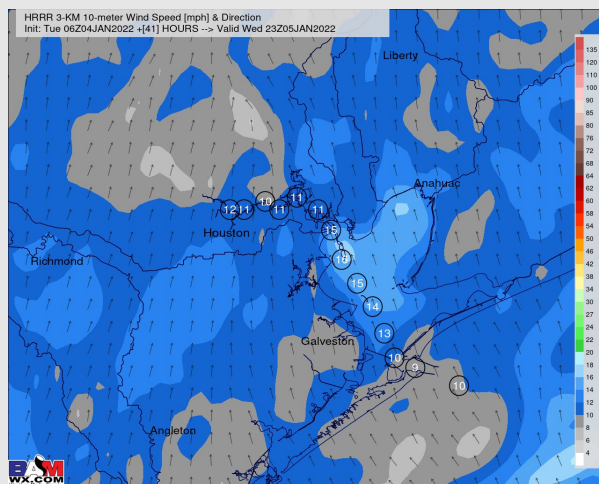
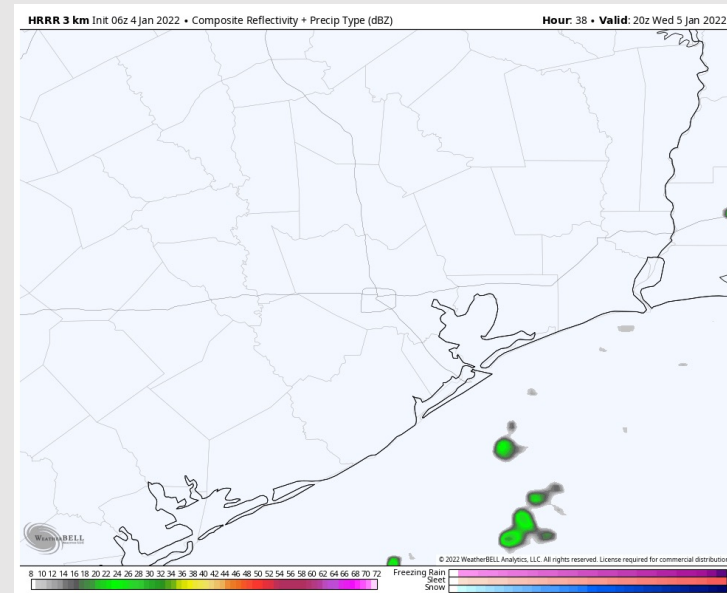
Precip: A stray sprinkle (10-20% chance) for the afternoon at the boarding station cannot be fully ruled out, but overall dry conditions are favored.

Wind: Sustained winds in the very early AM hours of Wed look to be 10-15 MPH out of the WSW with gusts to 18 MPH at the boarding station. By 4-5 AM, sustained winds are 5-10 MPH at the boarding station. Winds veer from the NW in the AM to the S/SE for the PM. By 3 PM, winds tick up to 8-13 MPH sustained the rest of the day.

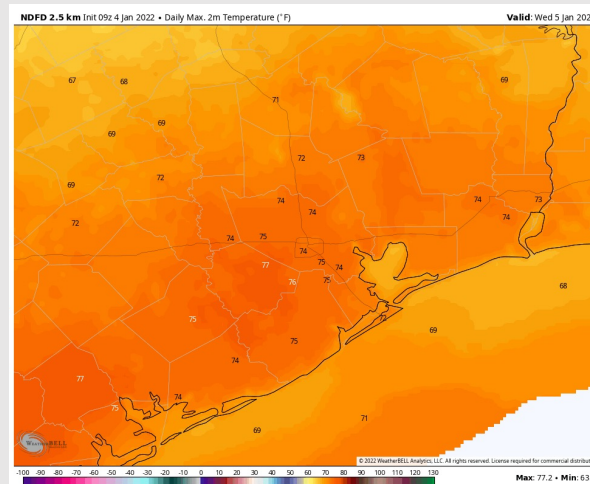
Temps: A gradual increase in temps leads to highs in the low to mid 70s F.

Visibility: Continuing to watch for a patchy fog threat for stations N of Morgan's Point in the early morning hours of Wed. This would likely be a brief, few hour window threat (3-7 AM) and would be more of typical "inland" fog that fades in the morning rather than sea fog. A slide will be added in the PM if the threat to our stations increases.

Precip Forecast: 3PM CT



Wind Speed:
4 PM CT



High Temps
Wednesday

Houston Pilots: *Thu. 1/6/2022*

Forecast Discussion

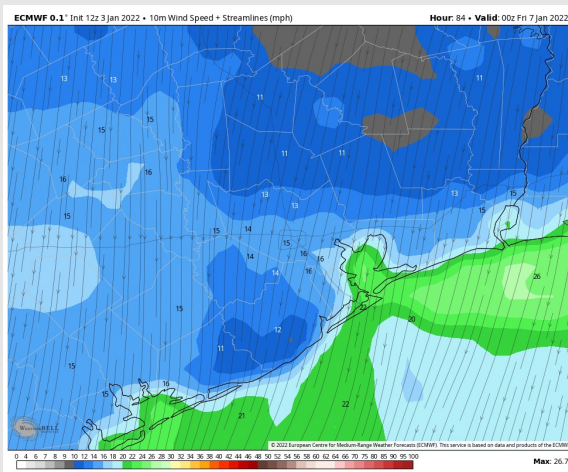
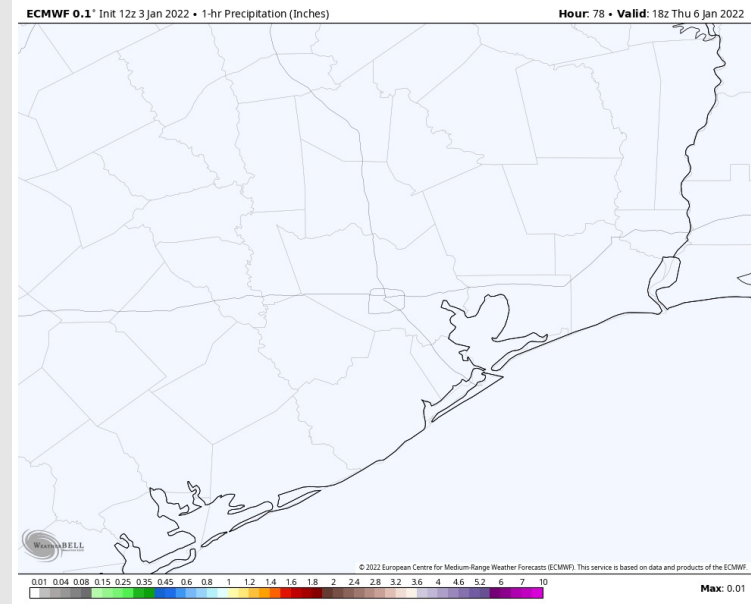
Precip: Anticipating dry conditions to continue Thursday.

Wind: Sustained winds look to be 8-13 MPH at the boarding station for Thu AM and veering from the WSW to the NNW. By ~6 PM winds increase to 15-20 MPH sustained with gusts 20-25 MPH at the boarding station out of the north. Around 9 PM, sustained winds look to increase again to 20-25 MPH with gusts 25-30 MPH possible at the boarding station through midnight, and turn more out of the NE.

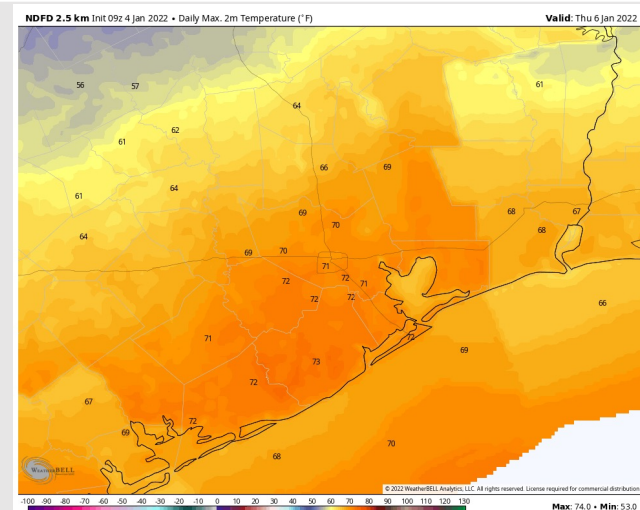
Temps: High temps Thu look to sit in the low 70s F.

Visibility: Keeping an eye on fog for Thu. Wind forecasts vary some, (thus leading to lower confidence) but there does look to be a slightly increased period of onshore flow where some patchy sea fog could occur. Keep an eye on this period for future updates as data will likely come into better agreement as wind forecasts are refined more

Precip Forecast: 12 PM CT



Wind Speed
6 PM CT

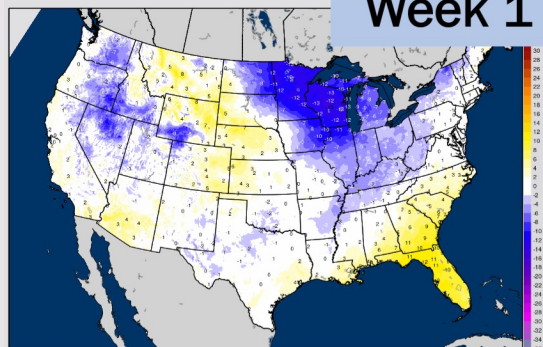


High Temps
Thursday

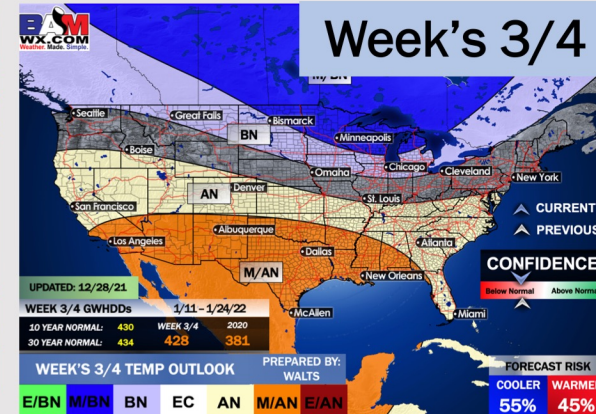
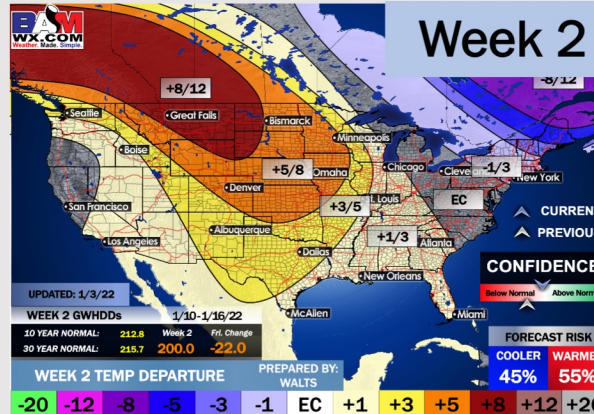
Houston Pilots: 1/3/22

BAMCast Average Temperature Anomaly [°F]
AVG for Mon 10JAN2022

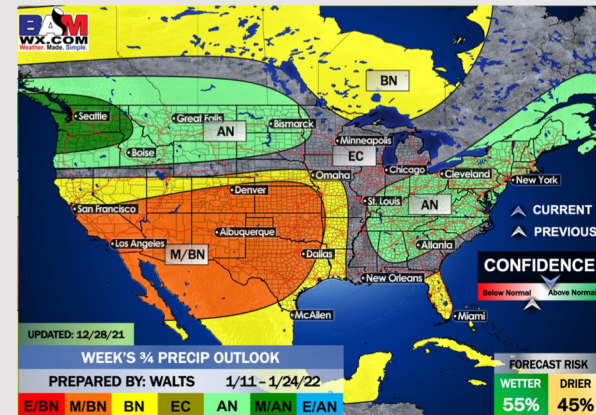
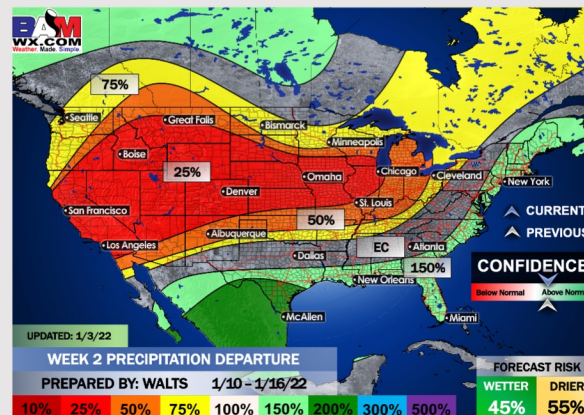
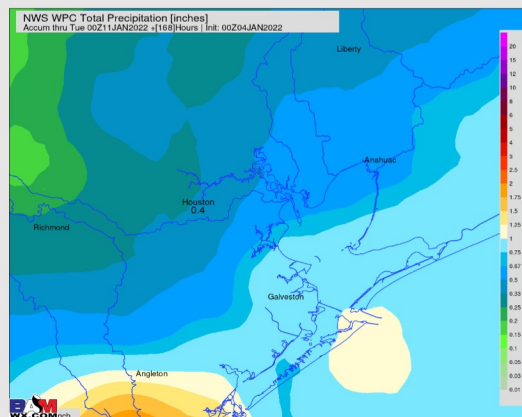
Week 1



BAM
WX.COM



NWS WPC Total Precipitation [inches]
Accum thru Tue 00Z11JAN2022 (-168)hours Int: 00Z04JAN2022



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