

Houston Pilots Forecast Package



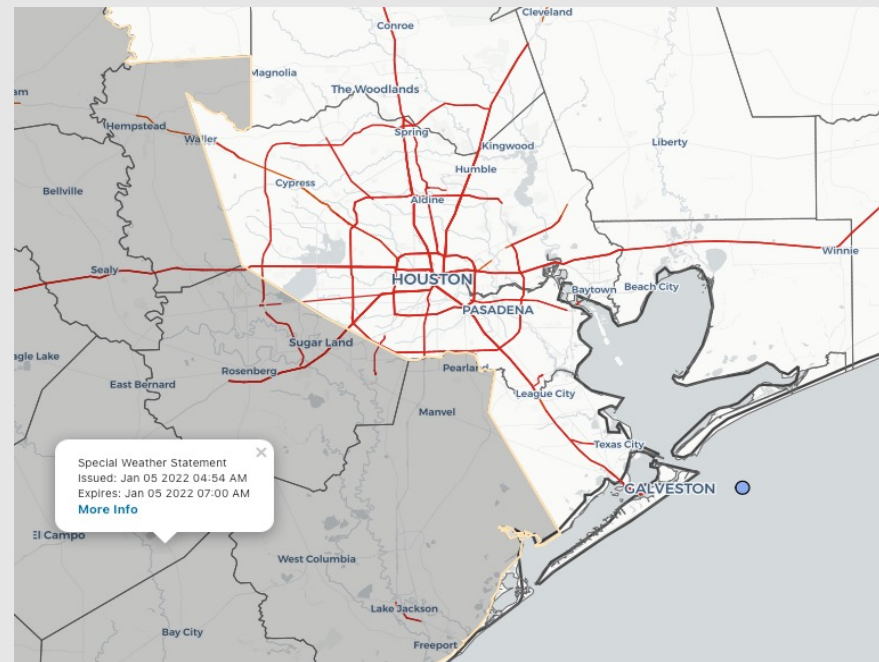
Updated: 5:00 AM CT

Wednesday, January 5, 2022

Forecaster: Vince Bryan

Weather Headlines

- Mostly dry conditions will prevail over the next few days with only a few minor shots of sprinkles. Next best chance of rain looks to come back into the picture on Sat/ Sun.
- Patchy fog risk for tomorrow AM, however, lower confidence exists so check out the detailed fog slide below.
- Watching for a few periods of increased winds, Thu night into Friday AM, and Sunday night and through the day on Monday. Both offer up periods of sustained winds at the boarding station of 15-25 MPH +.



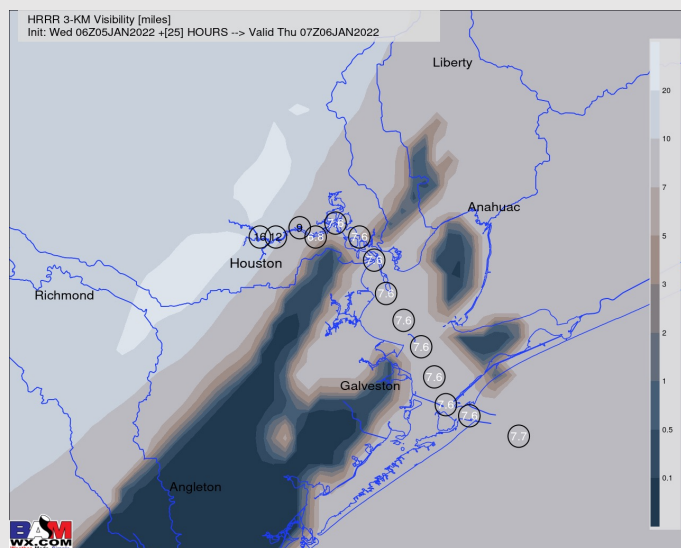
Radar/ NWS Alerts: 5:00 AM CT



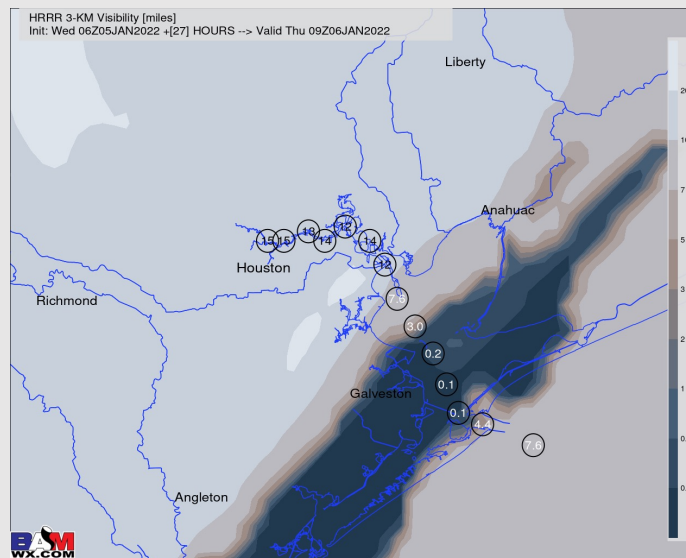
As always, please do not hesitate to reach out to us with any forecast questions via the chat option on the Weather Porthole or our on-call number, **(317)-560-8122** press 1 for forecast questions.

Houston Pilots Visibility Report

2 AM CT THU Visibility (miles)



4 AM CT THU Visibility (miles)



Confidence

**Above
Normal**

**Below
Normal**

Fog Threat

2 AM ~ 7 AM THU

**Low-
Medium**

- A few factors at play lead to rather low confidence on specifics regarding fog potential tomorrow AM. There looks to be a few hour window in between when winds are more consistently out of the SE and when a front turns winds out of the NW that offers up a brief window of fog.
- Data varies on how much low level moisture can build in, as well as the timing of the wind shift to NW.
- We do think the 2 – 7 AM window holds the best opportunity for this patchy fog threat.
- All stations would be at play for the patchy fog, however this threat will move N to S. The N half of stations have the best threat from 2 – 4 AM, and the S half have the best threat from 4 – 7 AM. This does not look to be a case where any fog would last for every station for a 2 hour period, that is just the best window for the threat
- This forecast will no doubt need to be refined in the PM update and we'd anticipate there to be tweaks to the thinking.

Houston Pilots Visibility Report



Time	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	01-05-2022 Wed 3pm	01-05-2022 Wed 4pm	01-05-2022 Wed 5pm	01-05-2022 Wed 6pm	01-05-2022 Wed 7pm	01-05-2022 Wed 8pm	01-05-2022 Wed 9pm	01-05-2022 Wed 10pm	01-05-2022 Wed 11pm	01-06-2022 Thu 12am	01-06-2022 Thu 1am	01-06-2022 Thu 2am	01-06-2022 Thu 3am	01-06-2022 Thu 4am	01-06-2022 Thu 5am	01-06-2022 Thu 6am	01-06-2022 Thu 7am	01-06-2022 Thu 8am	01-06-2022 Thu 9am	01-06-2022 Thu 10am	01-06-2022 Thu 11am	01-06-2022 Thu 12pm	01-06-2022 Thu 1pm	01-06-2022 Thu 2pm	
Houston Pilots N - 610 Bridge	10.000	10.000	10.000	6.976	6.923	6.976	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	10.000	10.000	10.000	10.000	10.000	10.000	10.000
Houston Pilots M - Kinder 1	10.000	10.000	10.000	6.976	6.923	6.976	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	10.000	10.000	10.000	10.000	10.000	10.000	10.000
Houston Pilots L - Greens Bayou	10.000	10.000	10.000	6.963	6.923	6.963	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	10.000	10.000	10.000	10.000	10.000	10.000	10.000
Houston Pilots K - Shell Crude	10.000	10.000	10.000	6.959	6.988	6.959	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	10.000	10.000	10.000	10.000	10.000	10.000	10.000
Houston Pilots J - Lynchburg Ferries	10.000	10.000	10.000	6.970	6.994	6.970	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	10.000	10.000	10.000	10.000	10.000	10.000	10.000
Houston Pilots I - Exxon 3	10.000	10.000	10.000	6.970	7.924	7.885	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	10.000	9.832	10.000	10.000	10.000	10.000	10.000
Houston Pilots H - Morgans Point	10.000	10.000	10.000	7.406	7.924	7.885	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	10.000	8.988	10.000	10.000	10.000	10.000	10.000
Houston Pilots G - 75/76	10.000	10.000	10.000	8.486	7.924	7.885	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	10.000	8.411	10.000	10.000	10.000	10.000	10.000
Houston Pilots F - 63/64	10.000	10.000	10.000	8.999	8.570	7.885	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	10.000	7.976	10.000	10.000	10.000	10.000	10.000
Houston Pilots E - 51/52	10.000	10.000	10.000	9.471	9.038	7.885	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	9.553	9.834	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	7.964	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	8.999	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	9.934	9.422	9.422	9.934	9.825	10.000	10.000	10.000	10.000	10.000	7.954	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	8.999	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	9.454	8.988	8.988	9.433	9.454	10.000	10.000	10.000	10.000	10.000	7.845	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	8.999	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	9.502	9.341	8.988	8.988	9.341	9.502	10.000	10.000	10.000	10.000	10.000	7.954	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	8.999	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	9.808	9.808	9.548	8.748	9.016	8.988	8.748	9.016	8.340	8.033	8.033	7.608	7.608	5.474	7.688	8.273	8.863	9.548	9.760	9.808	

Data on the chart looks to be missing the fog risk tomorrow. Check the slide above for more on the uncertainty with this potential.

Houston Pilots Extended Range Visibility Report



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 may limit this potential.



Monday, 1/10/22

After the passage of a cold front on Sunday PM, winds will be strong out of the N and fog is not favored.



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.



Daily Fog Chance	
Saturday AM	Possible
Sunday AM	Possible
Monday AM	Unlikely

Houston Pilots: Wed. 1/5/2022

Forecast Discussion

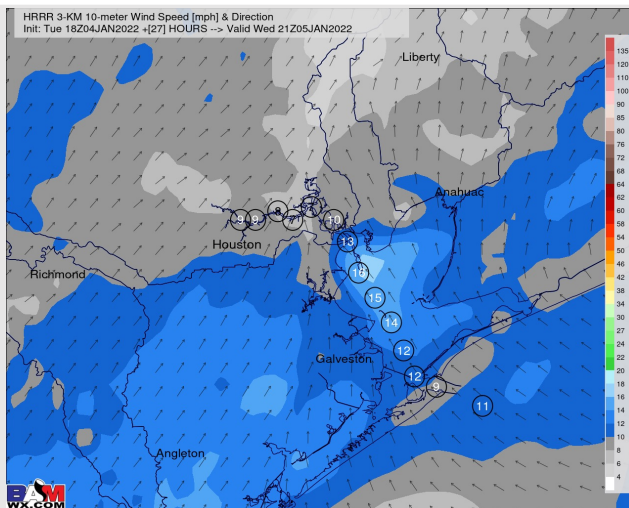
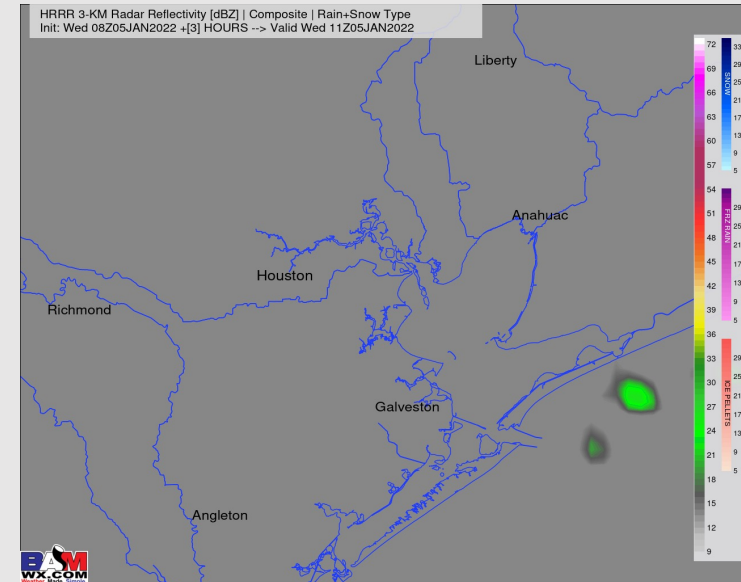
Precip: A few stray sprinkles (10-20%) will be possible this morning out through 8 AM, and then again from ~7 PM tonight through midnight. Totals would be very light and any sprinkles would be quite isolated.

Wind: Winds through most of the day will be 3-8 MPH with gusts to 10 MPH. Around ~3 PM, winds bump up to 8-13 MPH with gusts to 15 MPH and come more out of the SE for the remainder of the day.

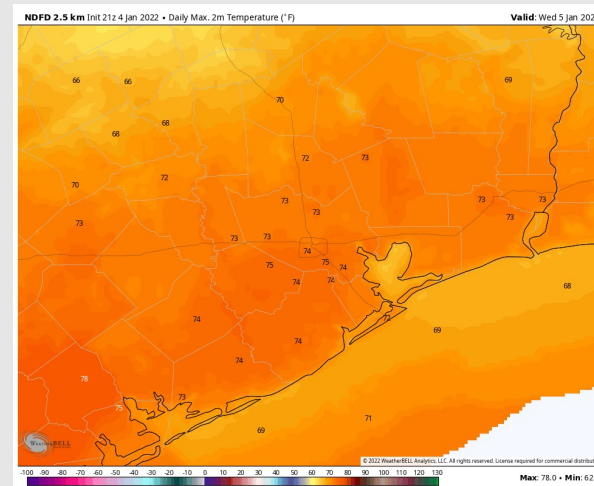
Temps: A gradual increase in temps leads to highs in the low to mid 70s F.

Visibility: A pocket or two or reduced visibilities of 3-5 are not impossible out through 8 AM for stations North of Morgan's Point, however widespread fog is not favored this morning or through the rest of the day.

Precip Forecast: 8 AM CT



Wind Speed:
3 PM CT



High Temps

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

Forecast Discussion

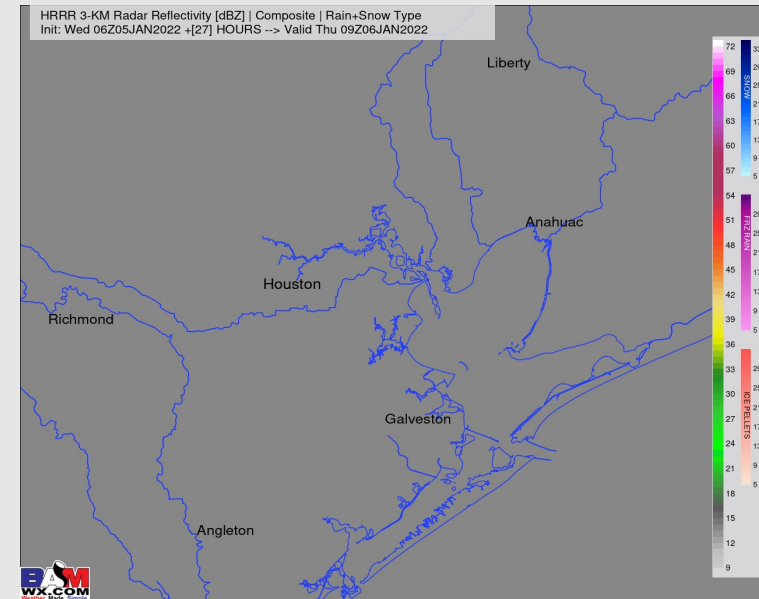
Precip: Anticipating dry conditions for Thursday.

Wind: A front passing the area in the early AM hours will be key to the AM wind forecast. Winds start out sustained 8-13 MPH at the boarding station from the SE. Around ~4 AM is when a flip to the NW happens. By ~4 PM winds increase to 15-20 MPH sustained with gusts 20-25 MPH at the boarding station out of the north. Around 8 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.

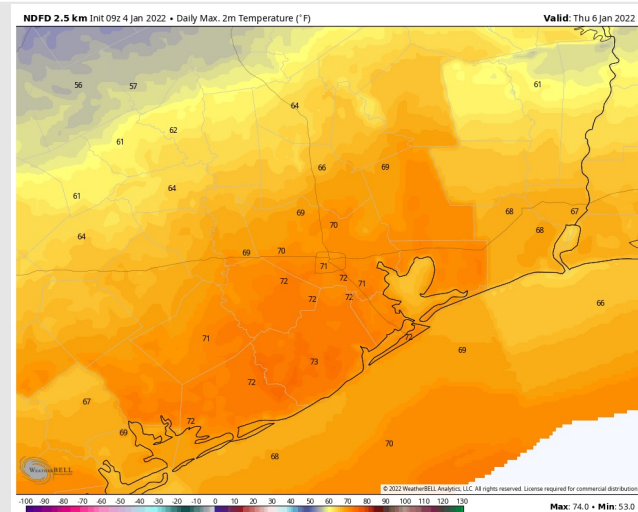
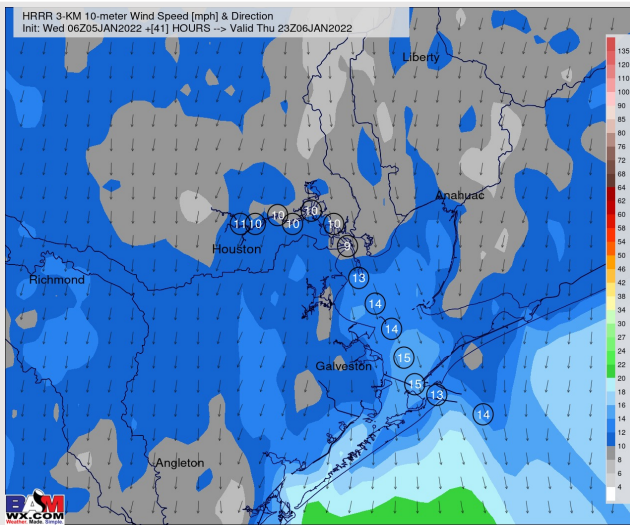
Temps: High temps Thu look to sit in the low 70s F.

Visibility: Check fog slide above for more details on fog chances.

Precip Forecast: 5 AM CT



Wind Speed 6 PM CT



High Temps Thursday

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

Forecast Discussion

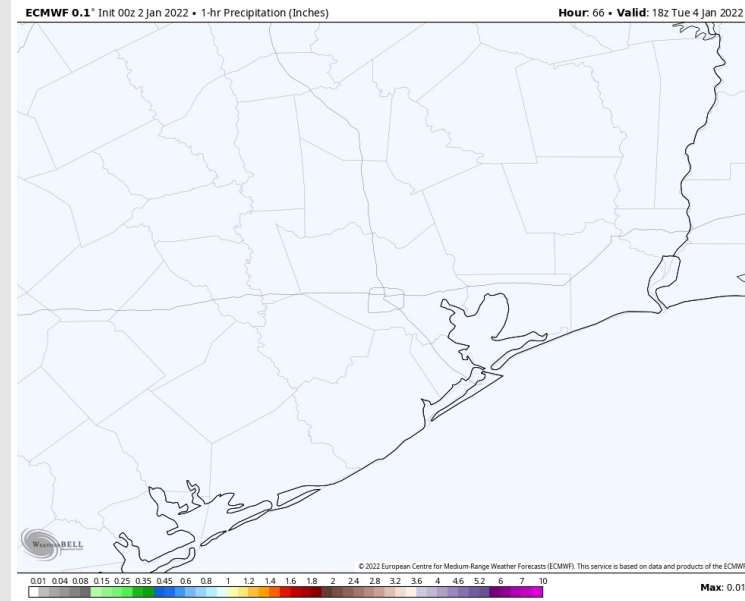
Precip: Anticipating dry conditions on Fri. Precip chances come in after midnight.

Wind: Sustained winds start Fri AM at 15-20 MPH out of the NE with gusts 20-25 MPH possible at the boarding station. Around 10-11 AM winds look to calm to 10-15 MPH sustained out of the ESE with gusts 15-20 MPH at the boarding station. Around 6 PM sustained winds pick up again to 15-20 MPH out of the SE with gusts 20-25 MPH through midnight.

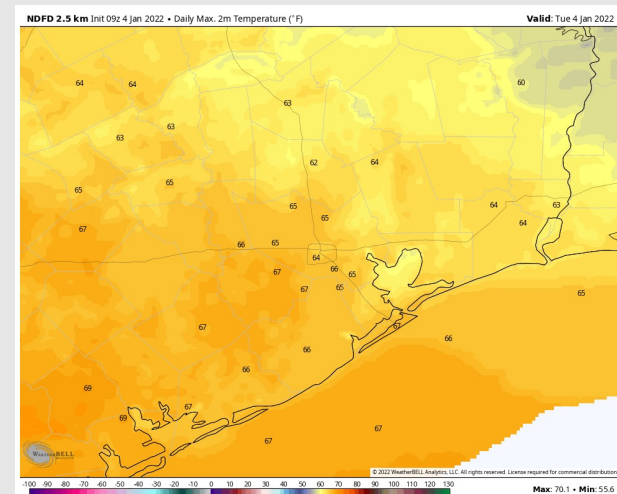
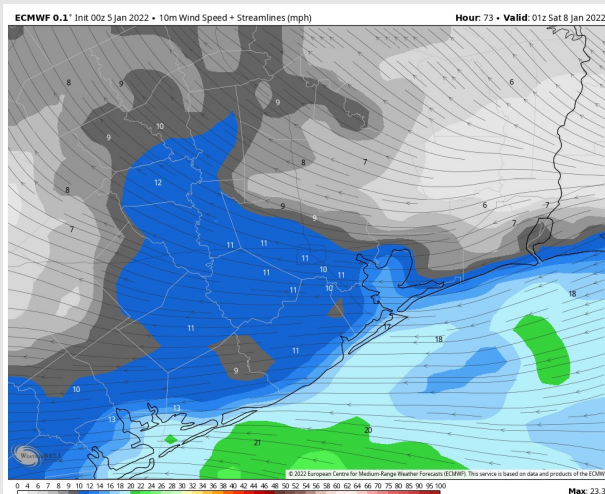
Temps: High Temps look to be in the upper 50s to low 60s F

Visibility: Currently not favoring fog for our stations on Friday.

Precip Forecast: 12 PM CT

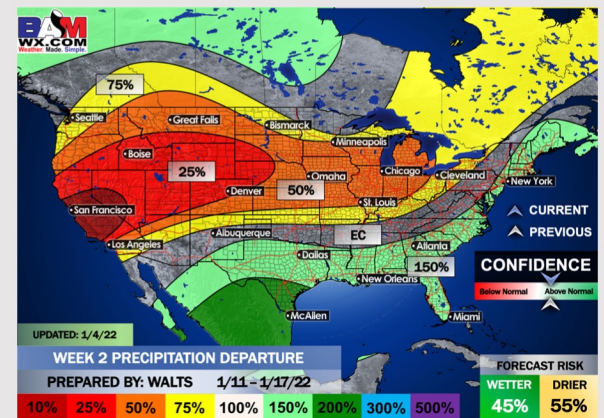
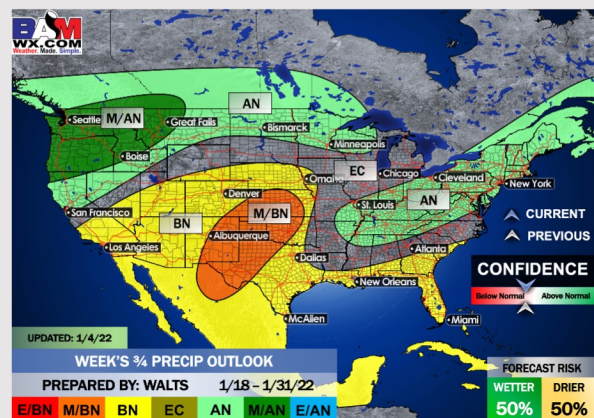
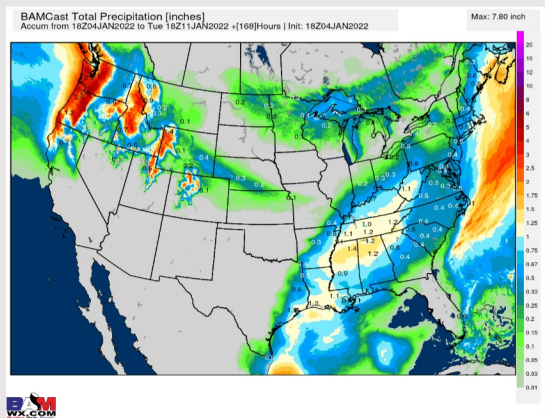
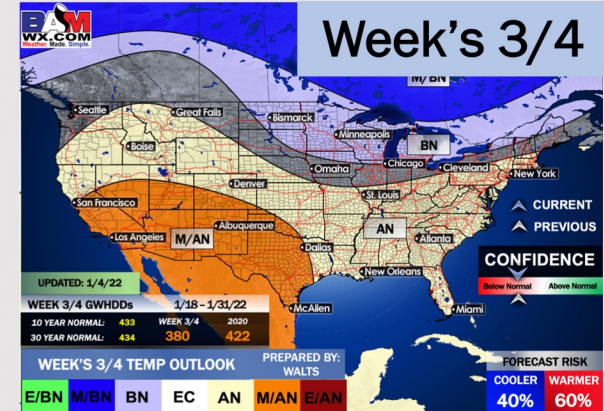
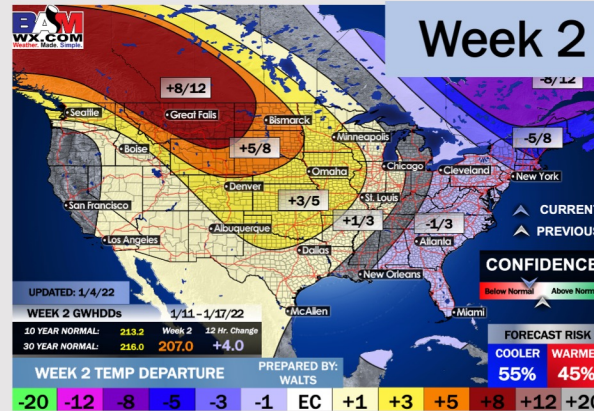
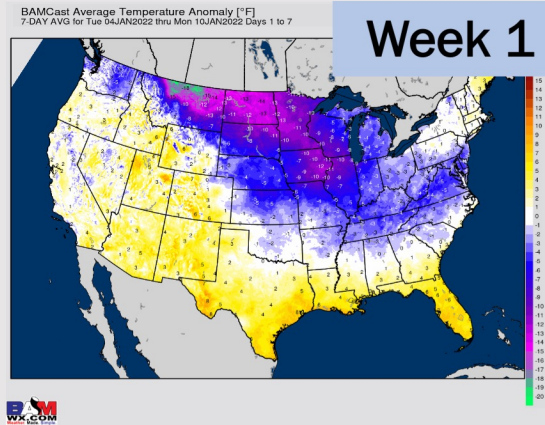


Wind Speed 5 PM CT



High Temps

Houston Pilots: 1/4/22



- 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 below 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.