

Houston Pilots Forecast Package



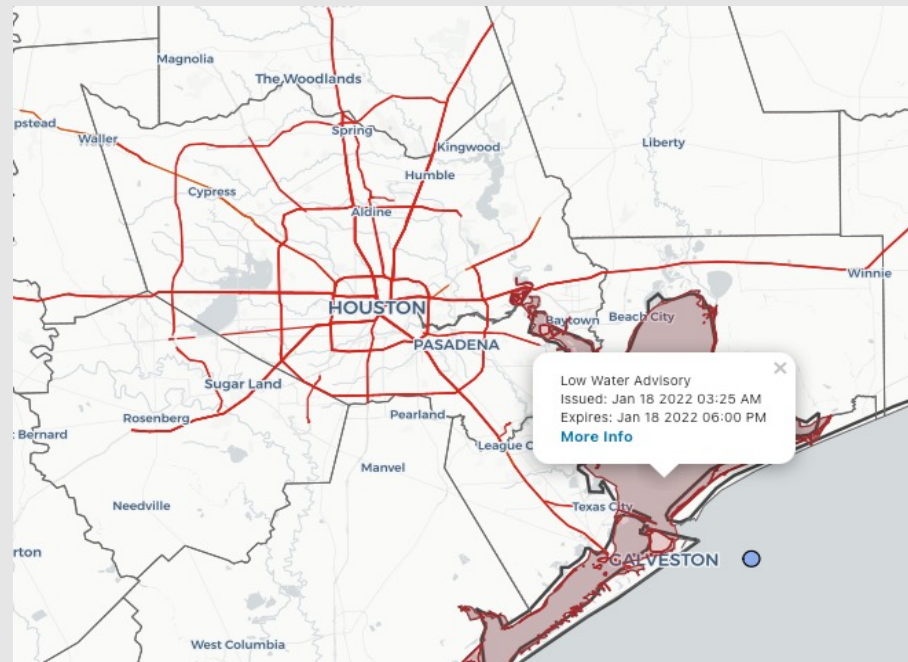
Updated: 5:00 AM CT

Tuesday, January 18, 2022

Forecaster: Vince Bryan

Weather Headlines

- Dry conditions today before chances pick up Wednesday evening with the next cold front.
- Eyeing the front to work through in the 11 PM WED - 3 AM THU window. Winds turning to out of the N, becoming more gusty, and a few stronger thunderstorms are all possible (more details on WED slide).
- Some sort of wind/marine advisory will need to be issued for winds. Winds stay rather strong all of Thu and most of Friday before weakening some early Sat AM.
- Fog potential is rather low this week. Worth watching Wednesday night for patchy development out ahead of the front, but that is currently not anticipated. The front THU AM wipes out any chances for fog.



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	01-18- 2022 Tue 3am	01-18- 2022 Tue 4am	01-18- 2022 Tue 5am	01-18- 2022 Tue 6am	01-18- 2022 Tue 7am	01-18- 2022 Tue 8am	01-18- 2022 Tue 9am	01-18- 2022 Tue 10am	01-18- 2022 Tue 11am	01-18- 2022 Tue 12pm	01-18- 2022 Tue 1pm	01-18- 2022 Tue 2pm	01-18- 2022 Tue 3pm	01-18- 2022 Tue 4pm	01-18- 2022 Tue 5pm	01-18- 2022 Tue 6pm	01-18- 2022 Tue 7pm	01-18- 2022 Tue 8pm	01-18- 2022 Tue 9pm	01-18- 2022 Tue 10pm	01-18- 2022 Tue 11pm	01-19- 2022 Wed 12am	01-19- 2022 Wed 1am	01-19- 2022 Wed 2am	01-19- 2022 Wed 3am	01-19- 2022 Wed 4am	01-19- 2022 Wed 5am	01-19- 2022 Wed 6am	01-19- 2022 Wed 7am	01-19- 2022 Wed 8am	01-19- 2022 Wed 9am	01-19- 2022 Wed 10am	01-19- 2022 Wed 11am	01-19- 2022 Wed 12pm	01-19- 2022 Wed 1pm	01-19- 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	10.000	10.000	10.000	7.954	7.954	6.380	8.988	10.000	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	10.000	10.000	10.000	10.000	8.225	7.954	6.380	8.988	10.000	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	10.000	10.000	10.000	10.000	8.560	7.868	6.752	8.988	10.000	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	10.000	10.000	10.000	10.000	8.988	8.033	8.033	8.988	10.000	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	10.000	10.000	10.000	10.000	8.988	8.033	8.033	8.988	10.000	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	10.000	10.000	10.000	10.000	9.481	9.362	8.033	9.411	10.000	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	10.000	10.000	10.000	10.000	10.000	9.481	9.362	8.033	9.411	10.000	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	10.000	10.000	10.000	10.000	10.000	10.000	9.574	8.691	9.574	10.000	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	10.000	10.000	10.000	10.000	10.000	10.000	9.608	8.988	9.608	10.000	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	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	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	10.000	10.000	10.000	10.000	10.000	10.000	9.904	8.988	9.574	10.000	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	10.000	10.000	10.000	10.000	10.000	10.000	9.904	8.988	9.011	10.000	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	10.000	10.000	10.000	10.000	10.000	10.000	10.000	8.988	8.988	10.000	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	9.808	10.000	9.808	9.822	9.822	10.000	10.000	10.000	10.000	10.000	10.000	10.000	9.822	9.822	8.988	8.988	9.583	9.323	9.585	9.236	8.988	

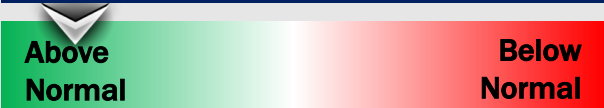
Houston Pilots Extended Range Visibility Report



Friday, 1/21/22

No fog expected for our stations on Fri as winds continue elevated out of the north.

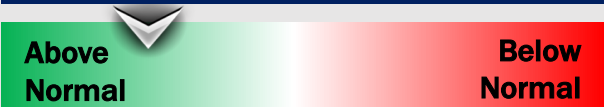
Confidence



Sunday, 1/23/22

Fog is not in the forecast for Sunday.

Confidence



Saturday, 1/22/22

Sea fog continues to not be in the forecast for the start of the weekend given the offshore flow anticipated.

Confidence



Daily Fog Chance

Thursday AM	Unlikely
Friday AM	Unlikely
Saturday AM	Unlikely

Houston Pilots: *Tue. 1/18/2022*

Forecast Discussion

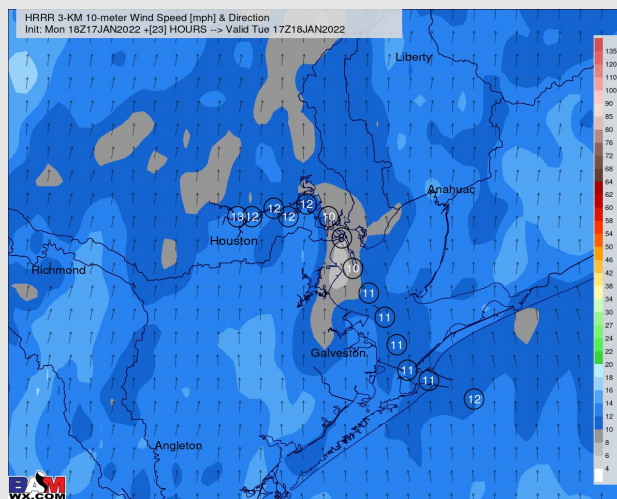
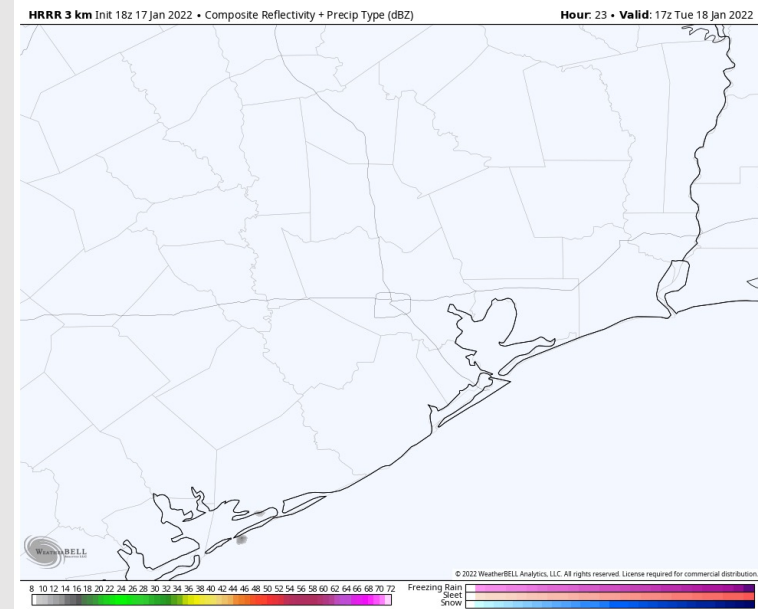
Precip: Anticipating dry conditions for our stations today.

Wind: Sustained winds look to be 8-13 MPH out of the SSE with gusts 13-18 MPH at the boarding station for most of the day. Closer to midnight, winds look to slowly start shifting out of the SSW.

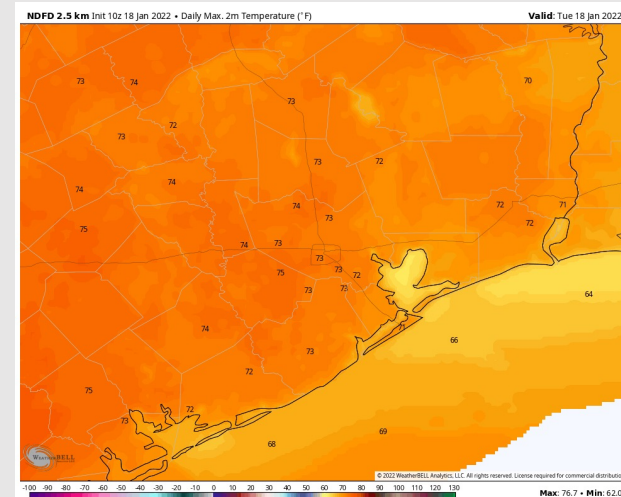
Temps: High temps look to sit in the low 70s F.

Visibility: Fog is not favored today.

Precip Forecast: 11 AM CT



Wind Speed
11 AM CT



High Temps

Houston Pilots: Wed. 1/19/2022

Forecast Discussion

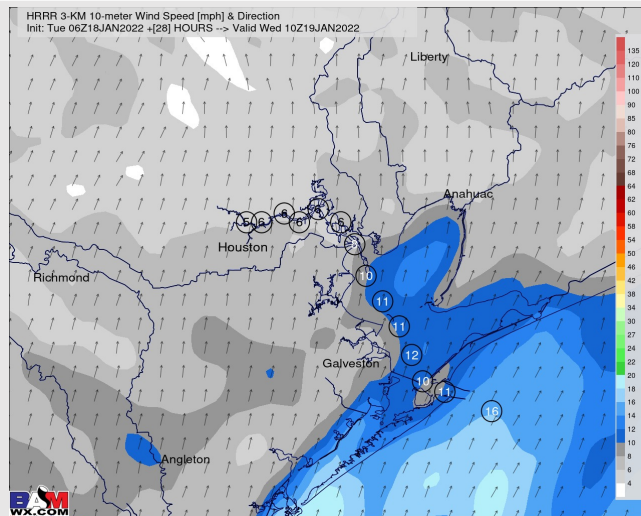
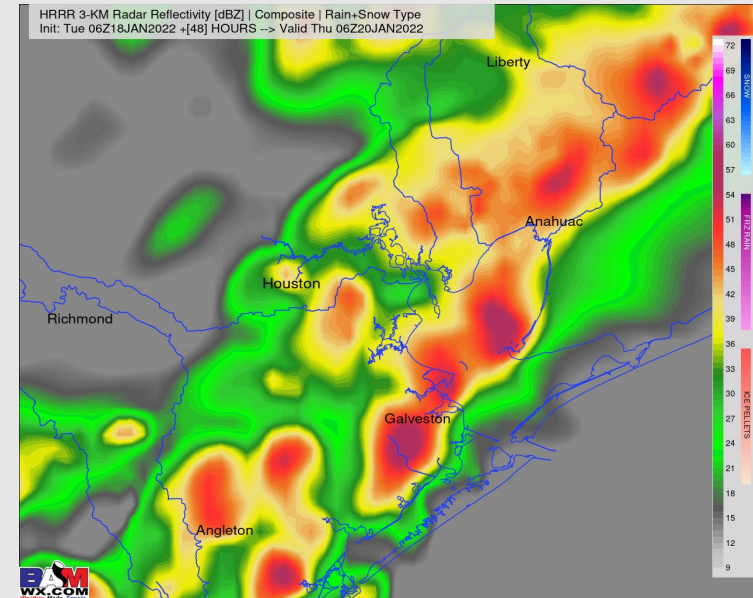
Precip: Anticipating overall dry conditions for Wed AM as precip chances pick up into Wed PM with the front. Scattered showers could start as early as 5-6 PM out ahead of the main line of precip (~20% chance). Currently anticipating the front with the main line of showers/thunderstorms to come through 11 PM WED – 3 AM THU. The Hou area is currently under a marginal risk for severe weather. A stronger thunderstorm with gusty winds, lightning, and a heavier downpour will be possible.

Wind: Sustained winds look to be 13-18 MPH out of the SSW out through ~6 AM, with gusts 18-23 MPH possible at the boarding station. After sunrise, sustained winds look to be closer to 10-15 MPH with gusts 15-20 MPH at the boarding station for most of the PM. The wind shift with the front is currently not anticipated until after midnight into the overnight/Thu AM hours where winds are elevated out of the north. Cells with the front could produce gusts to 35 MPH.

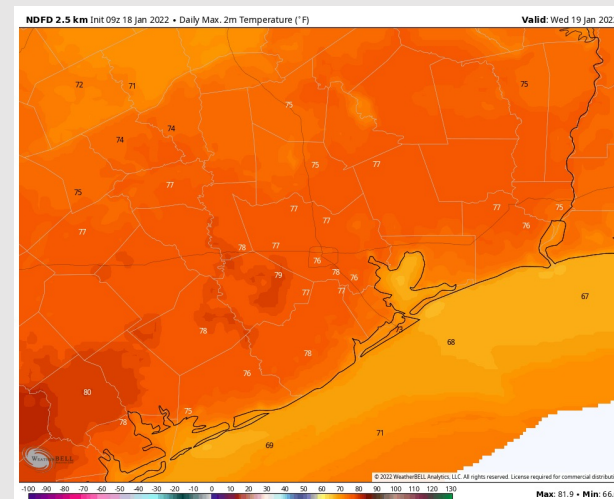
Temps: Wednesday high temps top out in the low to mid 70s F.

Visibility: Not anticipating fog Wednesday AM, but will continue to keep an eye on 7 PM Wed – 1 AM THU if any potential fog can develop out ahead of the front. Once the front passes, fog will not be a concern.

Precip Forecast: 11 PM CT



Wind Speed
5 AM CT



High Temps
Wednesday

Houston Pilots: *Thu. 1/20/2022*

Forecast Discussion

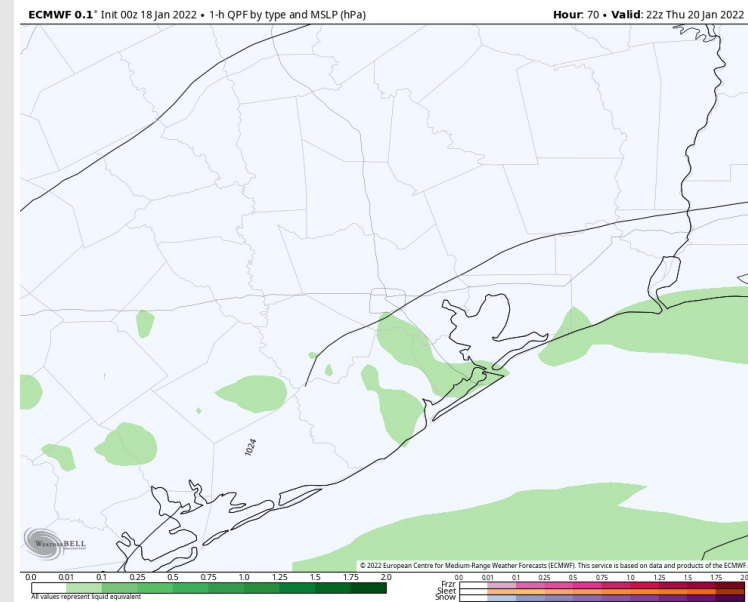
Precip: Precip with the front should be out of the area by ~4 AM. Into the afternoon hours, a few isolated pockets of light precip will still be possible, but much in the way of additional accumulation is not expected.

Wind: With the front passing through around the 11 PM WED – 3 AM THU timeframe, winds will turn out of the N at 20-25 MPH sustained with gusts of 25-35 MPH looking likely. Some sort of marine advisory / wind advisory will be needed.

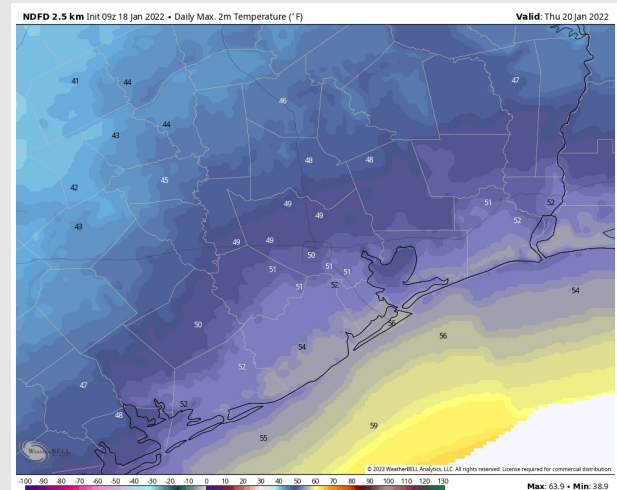
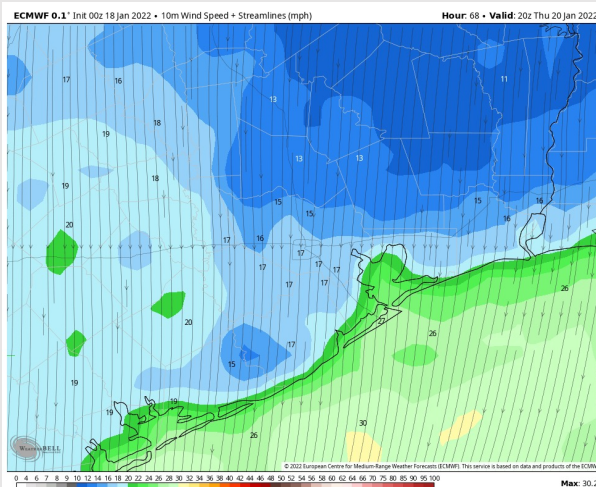
Temps: After the cold front, highs will only reach the lower 50s on Thursday (likely coming near midnight).

Visibility: Not anticipating fog for our stations tonight.

Precip Forecast: 5 PM CT

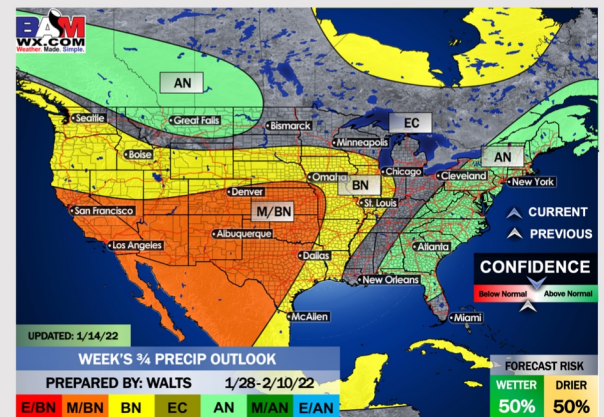
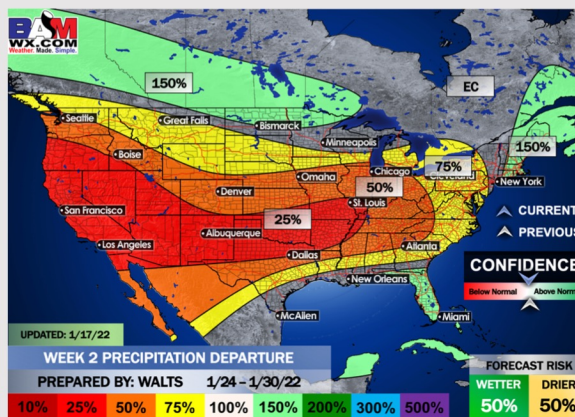
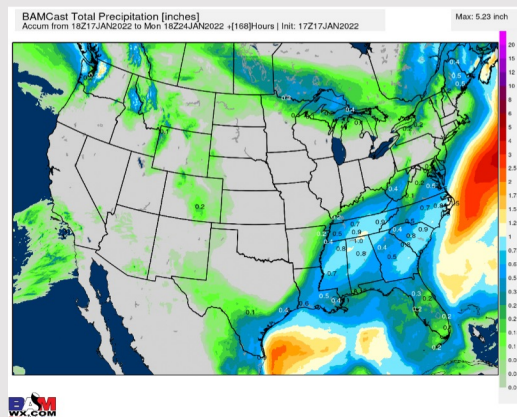
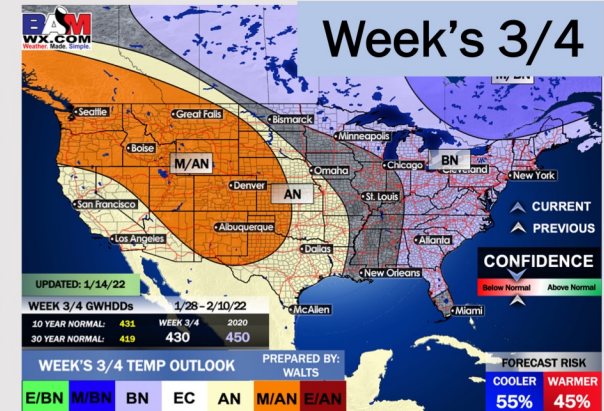
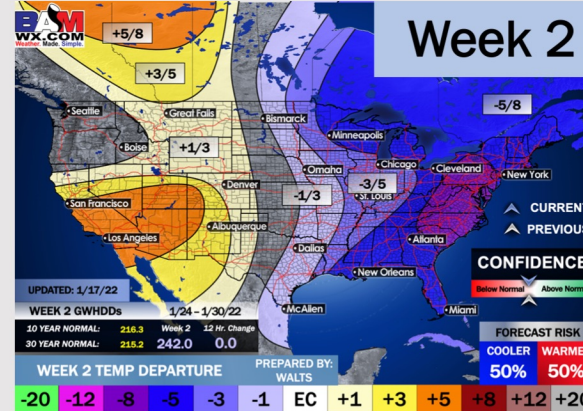
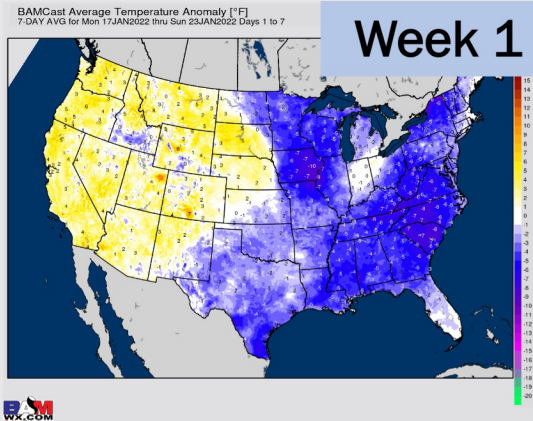


Wind Speed:
3 PM CT



High Temps
Thursday

Houston Pilots: 1/17/22



- Anticipating dry conditions for the next few days with the next best shot for precip Wed/Thu with the passage of the next front. Temps average out below normal for this week.
- The week 2 timeframe is expected to have slightly below normal temperatures with below normal risks for precip.
- Right now, we are favoring above normal risks for temperatures and slightly below normal risks for precip for the weeks 3 and 4 timeframe.