

Houston Pilots Forecast Package



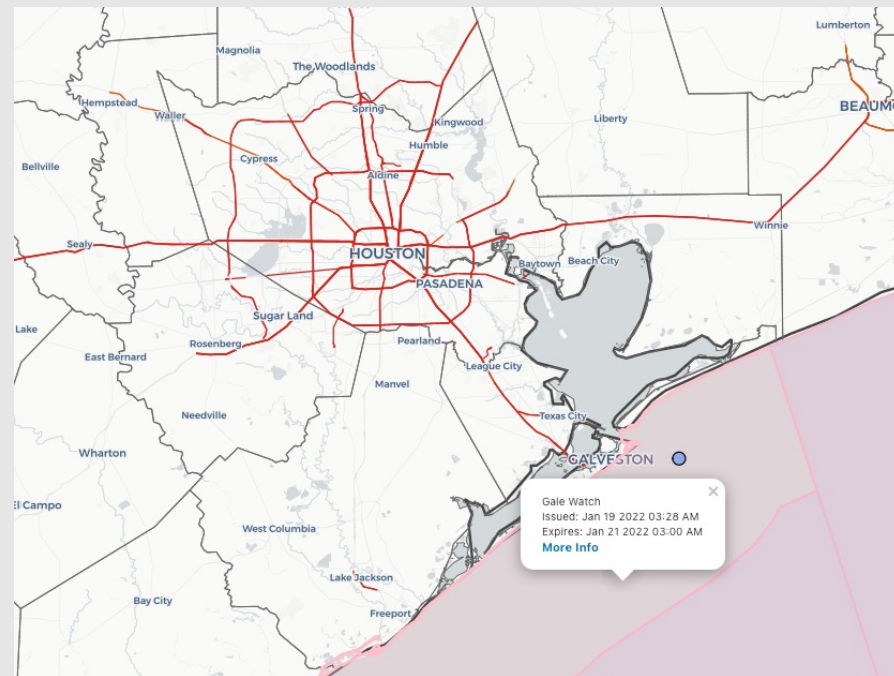
Updated: 5:00 AM CT

Wednesday, January 19, 2022

Forecaster: Vince Bryan

Weather Headlines

- Eyeing a cold front to work through the area tonight in the 10 PM WED – 1 AM THU window. With this front will come a line of showers and thunderstorms. Winds will turn out of the N and become strong (gusts 30-40 MPH possible).
- A Gale Watch is in effect through Friday 3 AM due to the stronger winds. Winds will continue coming out of the NE behind this front, limiting any fog potential into the weekend.
- While not favored, we're monitoring between sundown and the front (~ 7 PM – Midnight) for *possible* patchy fog/mist development. More details/risks on WED slide below.



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	01-19-2022 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	01-19-2022 Wed 3pm	01-19-2022 Wed 4pm	01-19-2022 Wed 5pm	01-19-2022 Wed 6pm	01-19-2022 Wed 7pm	01-19-2022 Wed 8pm	01-19-2022 Wed 9pm	01-19-2022 Wed 10pm	01-19-2022 Wed 11pm	01-20-2022 Thu 12am	01-20-2022 Thu 1am	01-20-2022 Thu 2am	01-20-2022 Thu 3am	01-20-2022 Thu 4am	01-20-2022 Thu 5am	01-20-2022 Thu 6am	01-20-2022 Thu 7am	01-20-2022 Thu 8am	01-20-2022 Thu 9am	01-20-2022 Thu 10am	01-20-2022 Thu 11am	01-20-2022 Thu 12pm	01-20-2022 Thu 1pm	01-20-2022 Thu 2pm		
Houston Pilots N - 610 Bridge	10.000	10.000	10.000	10.000	10.000	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	10.000
Houston Pilots M - Kinder 1	10.000	10.000	10.000	10.000	10.000	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	10.000
Houston Pilots L - Greens Bayou	10.000	10.000	10.000	10.000	10.000	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	10.000
Houston Pilots K - Shell Crude	10.000	10.000	10.000	10.000	10.000	7.232	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	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	10.000	10.000	7.232	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	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	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	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 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	10.000	10.000	10.000	10.000	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	10.000	10.000	10.000	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	9.903	8.988	9.925	8.988	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	9.643	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	9.033	8.988	8.988	8.988	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	8.988	9.452	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	9.845	8.296	7.954	8.304	8.551	10.000	10.000	10.000	10.000	10.000	9.033	10.000	8.988	9.033	9.033	9.384	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	9.033	7.868	7.712	7.902	8.551	10.000	10.000	10.000	10.000	8.988	9.033	8.988	8.988	9.033	9.033	9.033	9.033	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	9.033	7.999	8.033	7.721	8.265	10.000	10.000	10.000	10.000	8.988	9.033	8.988	8.988	9.033	9.033	9.033	9.033	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	7.309	7.999	7.999	8.033	8.033	6.894	8.988	10.000	10.000	8.988	8.988	9.033	8.988	8.988	9.033	9.033	9.033	9.033	10.000	10.000		

See Wed slide below for more info on reduced visibility potential.

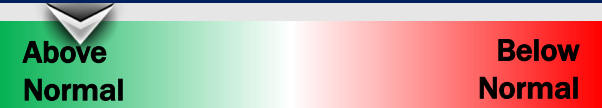
Houston Pilots Extended Range Visibility Report



Saturday, 1/22/22

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

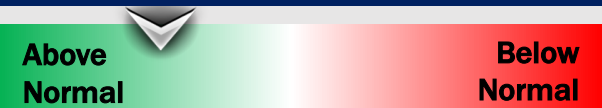
Confidence



Monday, 1/24/22

With a NE flow, currently not anticipating fog for our stations on Monday.

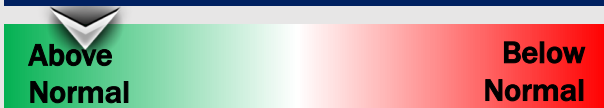
Confidence



Sunday, 1/23/22

Not anticipating fog on Sunday either.

Confidence



Daily Fog Chance

Saturday AM	Unlikely
Sunday AM	Unlikely
Monday AM	Unlikely

Houston Pilots: Wed. 1/19/2022

Forecast Discussion

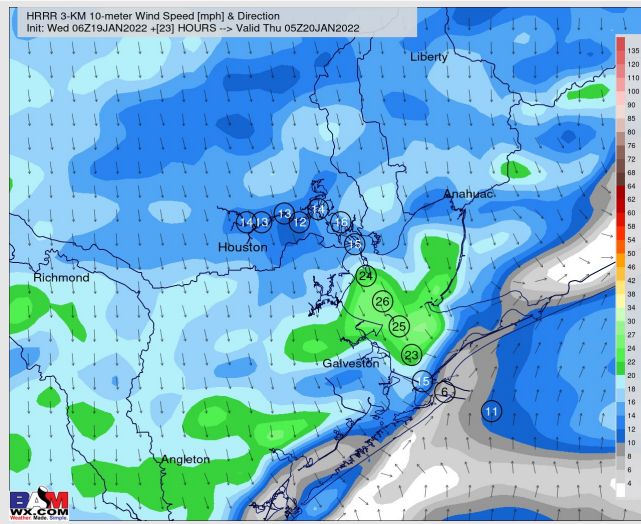
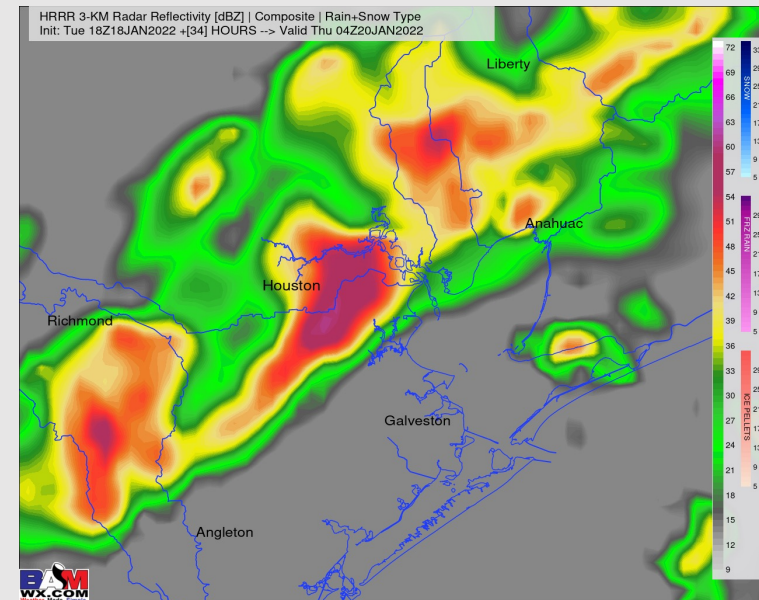
Precip: Anticipating overall dry conditions this AM as precip chances pick up into the PM with the front. Scattered showers could start as early as 2-3 PM out ahead of the main line of precip (~20% chance). Currently anticipating the front with the main line of showers/thunderstorms to come through 10 PM WED – 1 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 as the front passes through.

Wind: Sustained winds look to be 8-13 MPH out of the SSW for most of the day. Winds then quickly shift out of the NNE at 20-30 MPH with the frontal wind shift in the 10 PM – 1 AM window. With any stronger storms, gusts 30-40 MPH will be possible. These gusts will then be likely at the boarding station into the overnight.

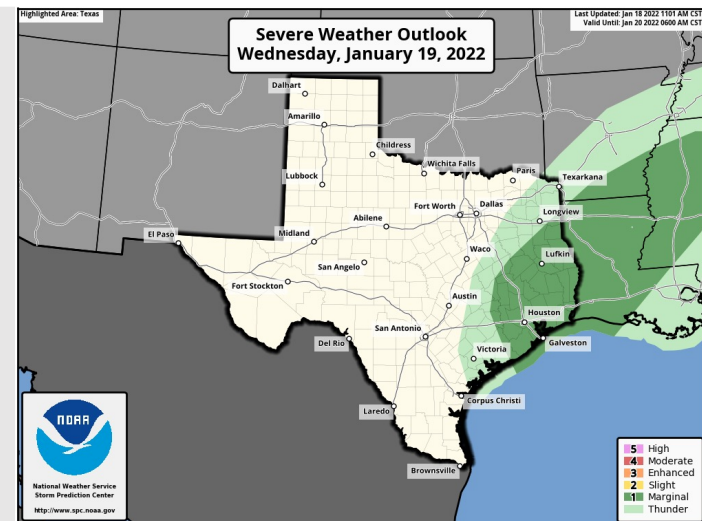
Temps: High temps look to sit in the mid 70s F.

Visibility: Not anticipating fog today, however we continue to keep an eye on the 7PM-midnight timeframe Wed PM for the *possibility* of some patchy fog/mist development. The signal however still looks rather weak, but any potential fog/mist that could develop looks to be confined from the 37/38 station through Morgan's Point, however still not anticipated.

Precip Forecast: 10 PM CT



Wind Speed
11 PM CT



Severe
Weather
Outlook

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

Forecast Discussion

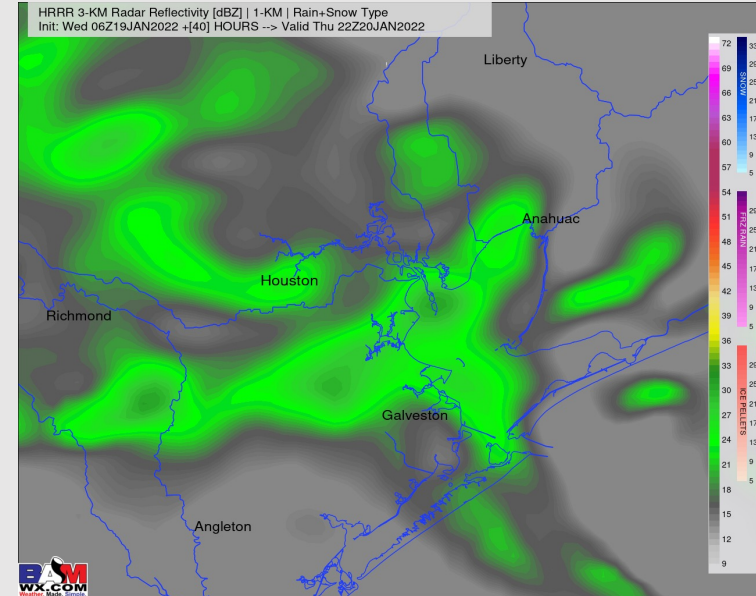
Precip: Precip with the main front should be out of the area by 4-5 AM. A “second wave” behind the front looks to bring more showers to the area in the afternoon hours of Thu. Precipitation Thursday afternoon and evening looks to stay on the lighter side.

Wind: Sustained winds look to continue 23-28 MPH out of the NNE into Thu AM. Gusts 30-35 MPH still possible at the boarding station in the AM. After sundown, sustained winds look to be closer to 20-25 MPH with gusts 25-30 MPH at the boarding station through midnight.

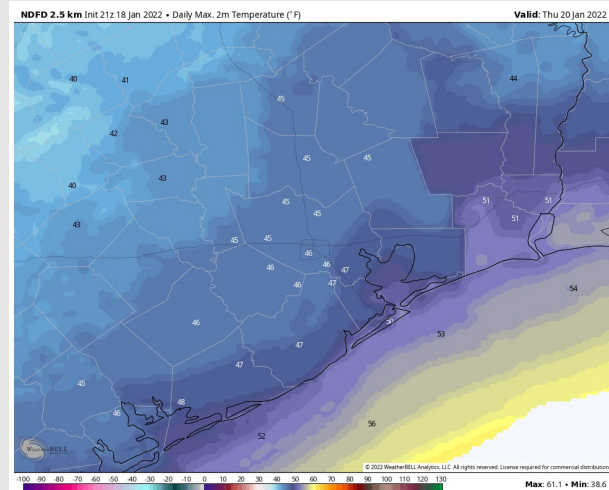
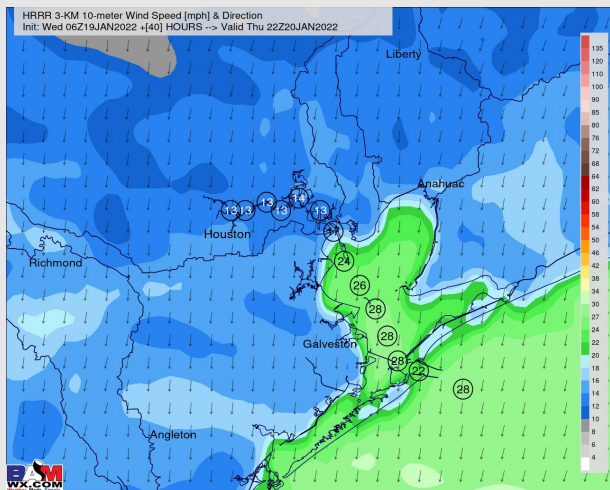
Temps: After the cold front, highs will only reach the upper 40s to low 50s F.

Visibility: Not anticipating fog for our stations on Thursday.

Precip Forecast: 4 PM CT



Wind Speed: 5 PM CT



High Temps Thursday

Houston Pilots: *Fri. 1/21/2022*

Forecast Discussion

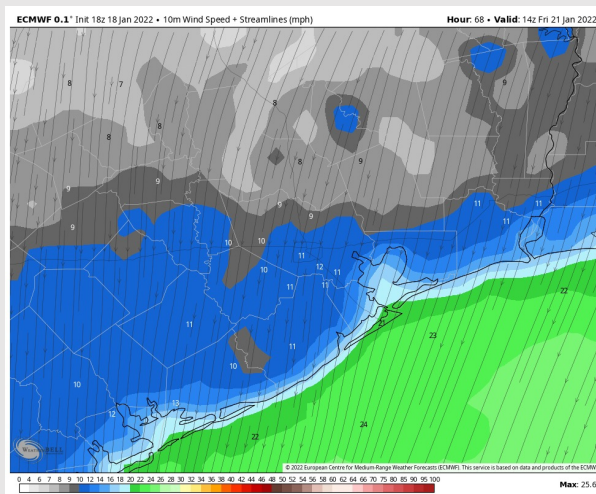
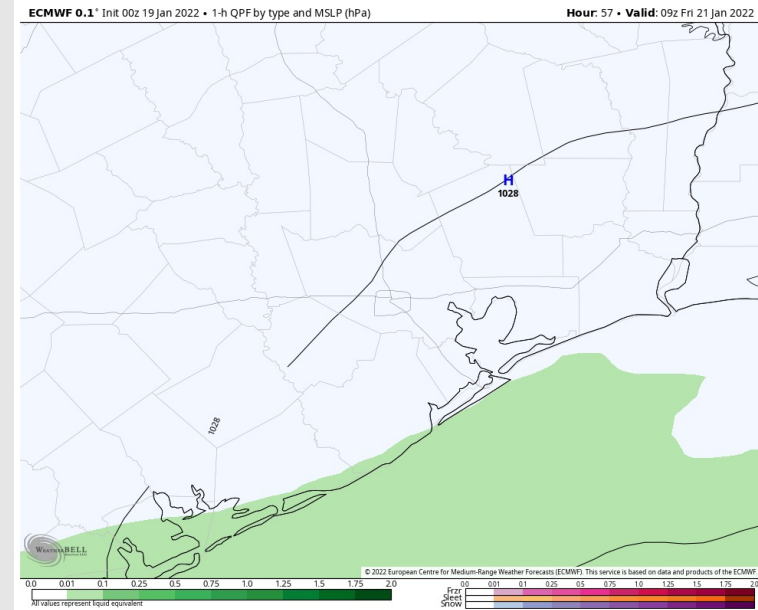
Precip: A light shower or two will be possible just after midnight into the pre-dawn hours of Friday. Anticipating overall dry conditions for our stations on Fri late morning into the afternoon hours.

Wind: Sustained winds look to be 20-25 MPH out of the NNE with gusts 25-30 MPH possible at the boarding station for most of the pre-dawn hours. By around 8 AM, sustained winds look to be 15-20 MPH out of the NE with gusts 20-25 MPH at the boarding station through the rest of the day.

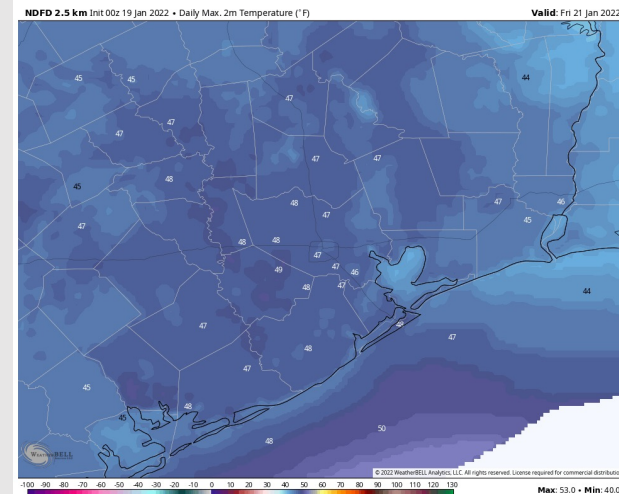
Temps: High Temps Friday look to only get into the upper 40s F.

Visibility: Not anticipating fog for our stations on Fri with elevated winds out of the NE continuing.

Precip Forecast: 5 AM CT

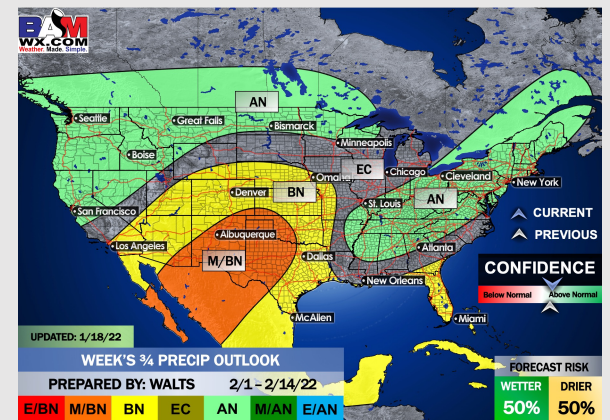
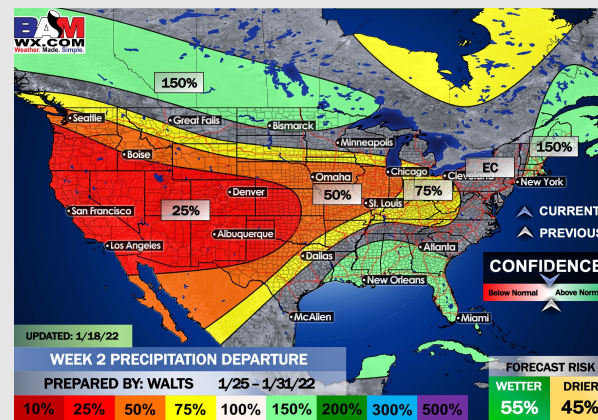
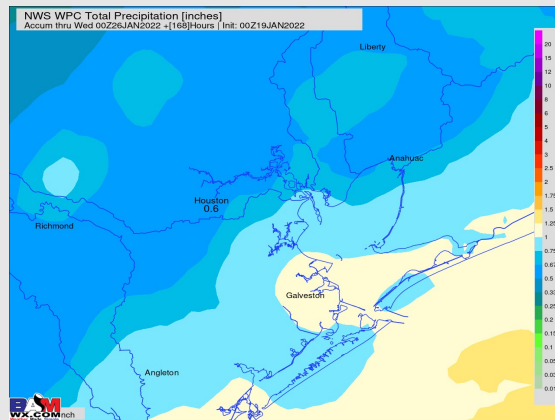
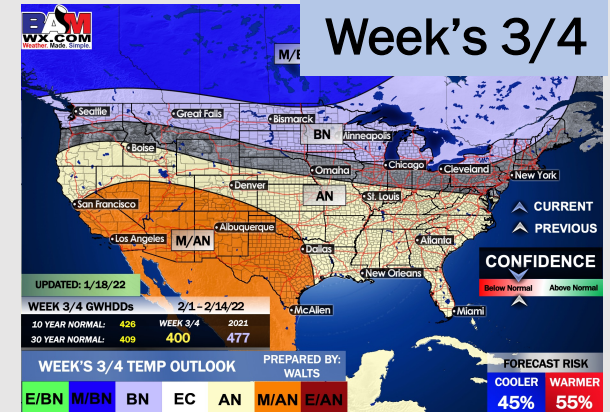
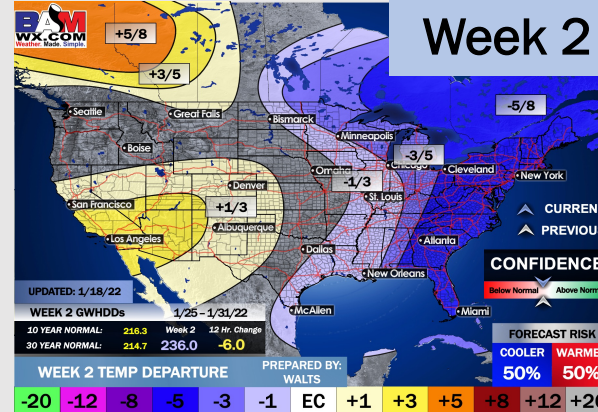
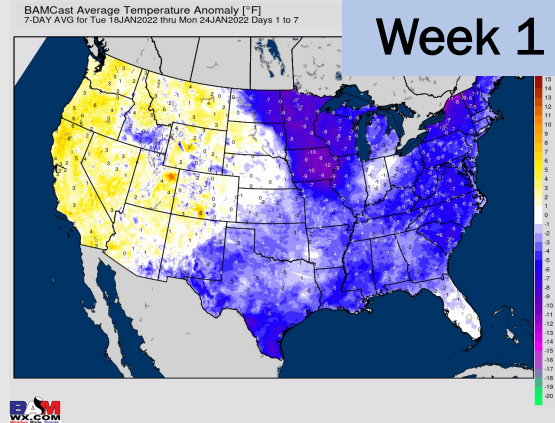


Wind Speed
8 AM CT



High Temps
Friday

Houston Pilots: 1/19/22



- Showers/thunderstorms anticipated Wed PM into Thu AM with the upcoming front. Scattered showers possible into Fri AM. Anticipating dry conditions for the next several day after this period.
- The week 2 timeframe is expected to have slightly below normal temperatures with near normal to slightly above 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.