

# Houston Pilots Forecast Package



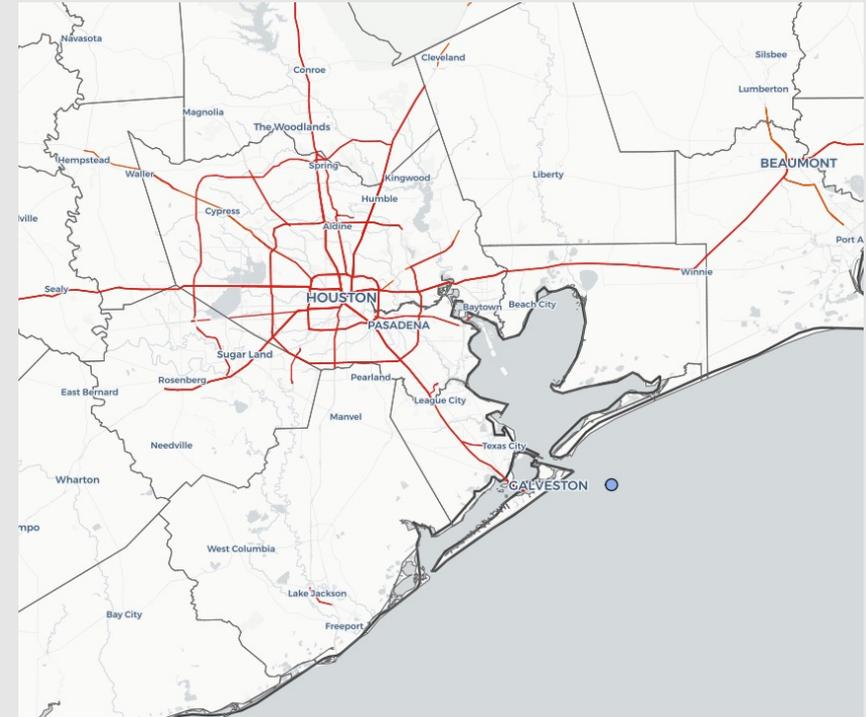
Updated: 2:00 PM CT

Wednesday, December 8, 2021

Forecaster: Vince Bryan

## Weather Headlines

- Minor precip chances will continue the next few days as the flow is a bit more favorable for pockets of on/off scattered light rain showers.
- Watching the next few morning's for fog potential (especially for southerly stations)
- Continuing to watch for the next cold front to sweep through the area on Saturday AM and bring better chances for showers/thunderstorms.



**Radar/ NWS Alerts: 2:00 PM 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



## Confidence



Time	12-08-2021 Wed 12pm	12-08-2021 Wed 1pm	12-08-2021 Wed 2pm	12-08-2021 Wed 3pm	12-08-2021 Wed 4pm	12-08-2021 Wed 5pm	12-08-2021 Wed 6pm	12-08-2021 Wed 7pm	12-08-2021 Wed 8pm	12-08-2021 Wed 9pm	12-08-2021 Wed 10pm	12-08-2021 Wed 11pm	12-09-2021 Thu 12am	12-09-2021 Thu 1am	12-09-2021 Thu 2am	12-09-2021 Thu 3am	12-09-2021 Thu 4am	12-09-2021 Thu 5am	12-09-2021 Thu 6am	12-09-2021 Thu 7am	12-09-2021 Thu 8am	12-09-2021 Thu 9am	12-09-2021 Thu 10am	12-09-2021 Thu 11am	12-09-2021 Thu 12pm	12-09-2021 Thu 1pm	12-09-2021 Thu 2pm	12-09-2021 Thu 3pm	12-09-2021 Thu 4pm	12-09-2021 Thu 5pm	12-09-2021 Thu 6pm	12-09-2021 Thu 7pm	12-09-2021 Thu 8pm	12-09-2021 Thu 9pm	12-09-2021 Thu 10pm	12-09-2021 Thu 11pm		
Houston Pilots N - 610 Bridge	6.935	7.924	9.038	10.000	9.038	8.682	8.988	8.988	7.954	6.955	5.930	5.886	4.931	4.931	4.931	4.931	3.897	2.988	2.397	0.940	0.836	3.897	5.524	7.919	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	9.033	6.921	4.897	4.897	3.943
Houston Pilots M - Kinder 1	6.935	7.924	9.038	10.000	9.038	8.679	8.988	8.988	7.954	6.955	5.930	5.886	4.931	4.931	4.931	4.931	4.440	3.736	2.739	2.636	2.460	4.931	5.524	7.919	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	9.033	6.921	5.711	4.897	3.943
Houston Pilots L - Greens Bayou	6.923	7.924	9.038	10.000	9.038	8.988	8.988	8.988	7.954	6.920	5.918	5.886	4.931	4.931	4.931	4.931	5.111	4.887	4.204	5.011	4.912	6.325	5.354	7.919	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	9.033	7.145	6.718	4.897	4.412
Houston Pilots K - Shell Crude	6.919	7.924	9.038	10.000	9.038	8.078	8.988	8.988	7.954	6.920	6.278	5.886	5.295	4.931	4.931	4.931	6.187	6.187	5.965	8.033	8.033	6.999	5.299	7.919	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	8.693	7.999	7.999	4.897	4.772	
Houston Pilots J - Lynchburg Ferries	6.929	7.924	9.038	10.000	9.038	8.179	8.988	8.988	7.792	6.920	6.429	5.941	5.436	4.931	4.931	4.931	6.999	6.999	6.118	8.033	8.033	6.999	4.897	7.679	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	8.275	7.999	7.999	4.897	4.772	
Houston Pilots I - Exxon 3	6.929	7.924	9.038	10.000	9.038	7.954	8.988	8.988	6.958	6.920	6.429	5.941	5.436	4.931	4.931	4.931	8.033	8.033	8.033	8.033	8.033	6.999	4.897	6.885	9.033	10.000	10.000	10.000	10.000	10.000	9.033	7.999	7.999	7.999	4.897	4.772		
Houston Pilots H - Morgans Point	6.929	7.558	7.924	9.038	8.643	7.954	8.988	8.540	6.958	6.920	6.429	5.941	5.436	4.931	4.931	4.931	8.033	8.033	8.033	8.033	8.033	8.033	5.907	6.885	9.033	10.000	10.000	10.000	10.000	10.000	9.033	7.999	7.999	7.999	4.897	4.874		
Houston Pilots G - 75/76	6.929	6.929	7.924	7.924	7.924	7.954	7.954	7.954	6.958	6.920	6.429	5.941	5.436	4.931	4.931	4.931	8.033	8.033	8.033	8.033	8.033	7.610	5.749	6.885	9.033	9.033	9.855	10.000	10.000	9.033	7.999	7.999	7.999	7.999	4.897	4.874		
Houston Pilots F - 63/64	6.929	6.929	7.924	7.924	7.924	7.954	7.954	7.954	6.958	6.920	6.429	5.941	5.436	4.931	4.931	4.931	8.033	8.033	8.033	8.033	8.033	6.999	5.833	6.885	7.919	9.033	9.033	10.000	9.033	9.033	7.999	7.999	7.999	7.999	4.874	4.874		
Houston Pilots E - 51/52	6.890	6.890	7.924	7.924	7.924	7.807	7.309	7.221	6.920	6.920	5.886	5.886	4.931	4.931	4.931	4.931	8.033	8.033	8.033	8.033	8.033	5.965	5.366	5.931	6.885	8.811	9.033	10.000	9.033	9.033	7.999	7.999	7.999	7.999	7.845	4.874	4.874	
Houston Pilots D - 37/38	6.890	6.890	6.890	7.924	7.924	6.920	6.920	6.920	6.920	6.920	5.886	5.886	4.931	4.931	4.931	4.931	8.033	8.033	8.033	8.033	7.814	4.305	4.913	5.931	6.885	7.440	7.999	8.946	8.283	8.484	7.999	7.999	7.999	7.999	6.437	4.642	4.887	
Houston Pilots C - 25/26	6.890	6.890	6.890	7.924	6.890	6.920	6.920	6.920	6.920	6.920	5.886	5.886	4.931	4.931	4.931	4.931	8.033	8.033	8.033	8.033	8.033	5.002	6.113	5.756	6.815	7.974	9.033	9.033	9.033	8.337	7.999	7.999	7.988	5.990	5.299	6.011		
Houston Pilots B - 11/12	6.890	6.890	6.890	7.924	6.890	6.920	6.920	6.920	6.920	6.920	5.886	5.886	4.931	4.931	4.931	4.931	8.033	8.033	8.033	8.033	7.814	6.098	7.664	5.931	6.885	6.885	7.949	8.283	8.283	7.999	7.999	7.999	6.113	4.897	4.642	7.138		
Houston Pilots A - 1 & 2 Bravo	6.890	6.890	6.890	7.924	6.890	6.920	6.920	6.920	6.920	6.920	5.886	5.886	4.931	4.931	4.931	4.931	8.033	8.033	8.033	8.033	8.033	8.033	7.999	4.515	5.190	5.230	5.328	5.457	7.309	7.999	7.999	7.999	6.426	3.701	2.985	7.999		

Low clouds will continue through today. We believe that most data going into the chart above is not seeing the fog threat tonight and would expect this to trend lower with visibilities.

# Houston Pilots Extended Range Visibility Report



## Saturday, 12/11/21

Fog is not impossible out ahead of a front, however, winds look to still be elevated during this time. Currently not anticipating fog for our stations on Sat.



## Sunday, 12/12/21

Winds look to still be elevated out of the NE for Sun AM. Currently not anticipating fog for our stations on Sun.



## Monday, 12/13/21

Keeping an eye on Mon AM as winds look calmer and out of the east for our stations. However currently not anticipating fog for our stations on Mon.



## Daily Fog Chance

Saturday AM	Unlikely
Sunday AM	Unlikely
Monday AM	Possible

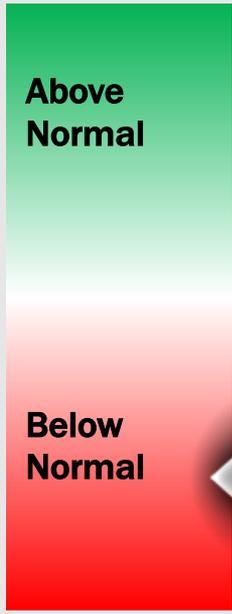
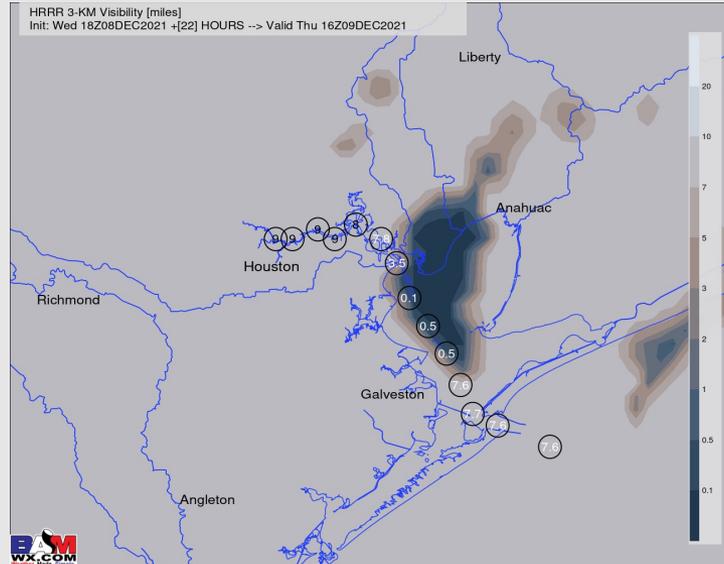
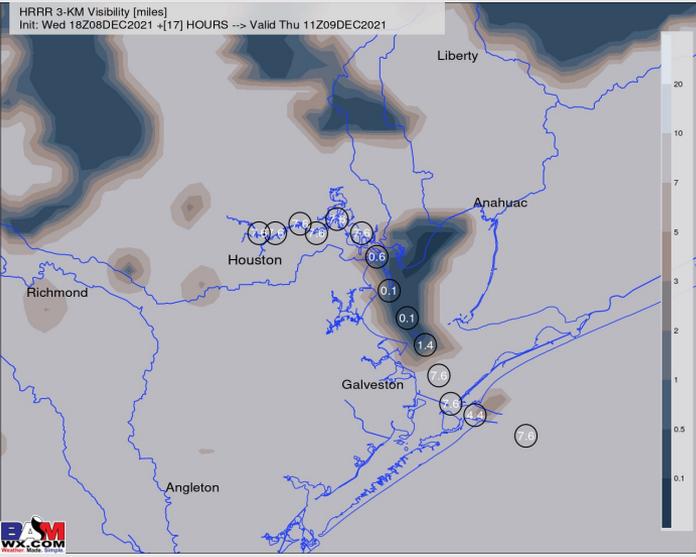
# Houston Pilots Visibility Report



## 4 AM CT THU Visibility (miles)

## 8 AM CT THU Visibility (miles)

## Confidence



### Fog Threat

12 AM – 10 AM THU **Medium-High**

- Higher than average confidence on fog developing late tonight into Thursday morning, however we have low confidence on the specifics regarding timing & how expansive the fog can be.
- As of now, we believe pockets of fog can form along the coast starting around the Midnight timeframe given atmospheric profiles. **Want to make the quick note that we believe model data is not seeing this threat particularly well right now.** Initially the best threat looks to be for stations south of 37/38 before SE winds pushes the fog threat north.
- As it stands now, areas of patchy fog will be possible with locations south of Morgan's Point holding the potential of seeing less than 1-2 mile visibility. The threat looks to subside in the 10-11 AM window, but want to stress low confidence on timing.

## Forecast Discussion

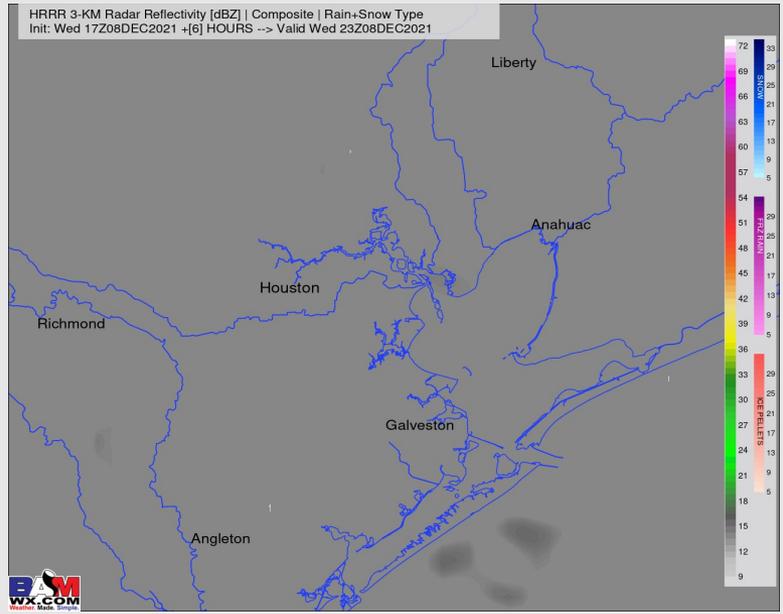
**Precip:** A few pockets of light mist will continue to be possible through the rest of the day, but a drier rest of the day is favored with low clouds persisting.

**Wind:** Winds will generally continue at 8-13 MPH with a few gusts 13-18 MPH through the rest of the day and the overnight at the boarding station. Winds will be ENE through 6 PM, E through Midnight, and then SE through the overnight.

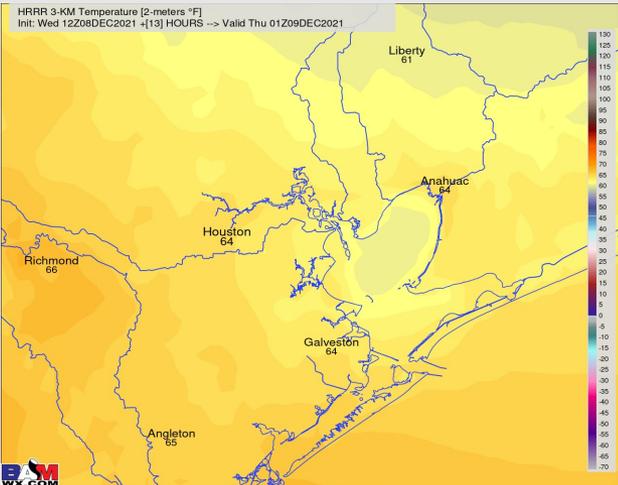
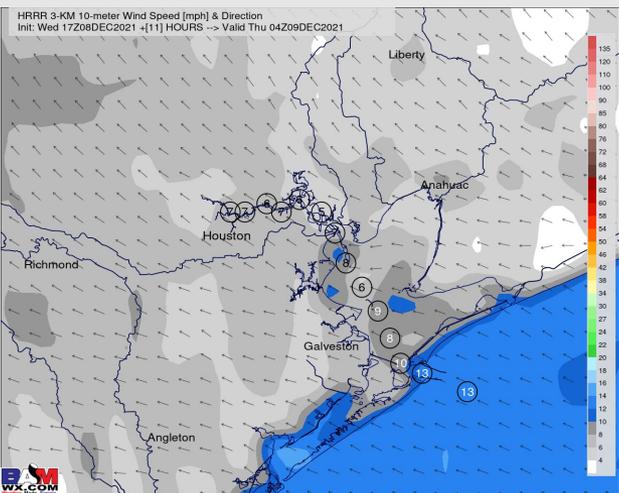
**Temps:** Lows fall back into the mid 60s.

**Visibility:** Check slide above for more on fog potential.

## Precip Forecast: 6 PM CT



Wind Speed  
9 PM CT



Low Temps

## Forecast Discussion

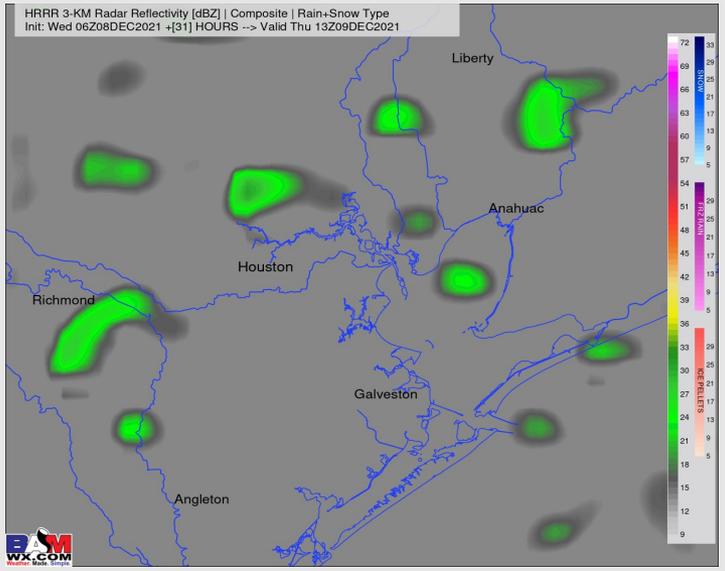
**Precip:** A 20-30% chance of a few scattered showers from the early AM hours through the mid-afternoon hours on Thu. A low cloud deck looks to stick around the area and provide the potential for light moisture to be squeezed out at just about anytime. Precip is expected to stay rather light.

**Wind:** Sustained winds look to be 8-13 MPH with some gusts to 18 MPH for most of the day at the boarding station. Favoring a southerly wind that turns more SSW after sundown. Winds do look to become more elevated into early Friday morning, but lower confidence on exact timing of this.

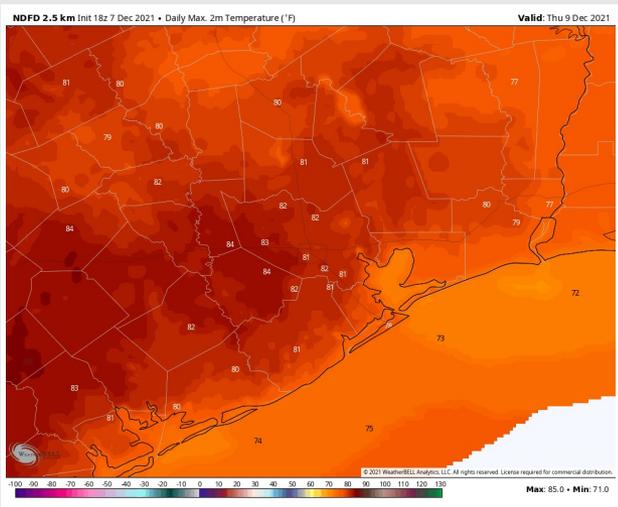
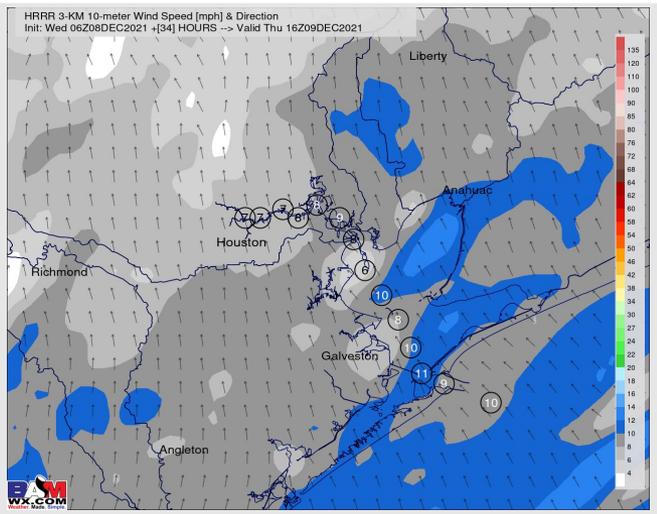
**Temps:** High temperatures Thu look to be in the upper 70s F to low 80s F.

**Visibility:** Check the slide above Wednesday for fog thoughts into Thursday.

## Precip Forecast: 8 AM CT



Wind Speed  
9 AM CT



High Temps  
Thursday

# Houston Pilots: *Fri. 12/10/2021*



## Forecast Discussion

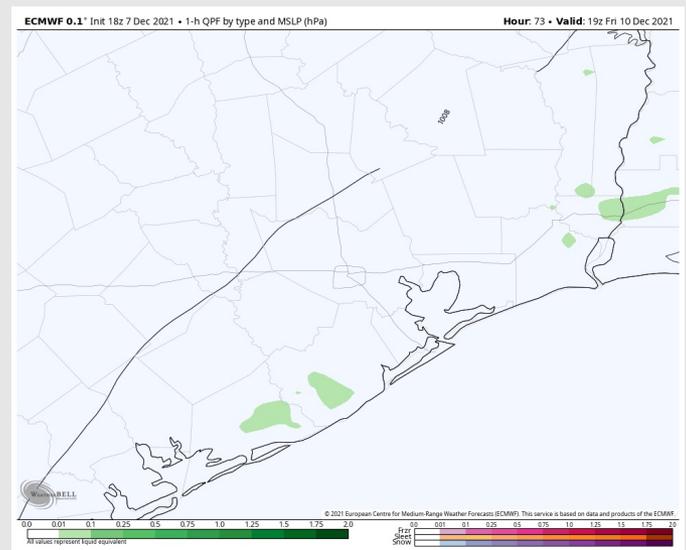
**Precip:** A 30% chance of a few isolated showers in the PM hours on Fri for our stations. Coverage would be rather spotty and intensity is favored to be quite light.

**Wind:** Sustained winds 13-18 MPH with gusts to 23 MPH look to continue at the boarding station for the early AM hours on Fri. By 6-7 AM, winds look to pick up to around 15-20 MPH sustained at the boarding station with gusts to 25 MPH possible for most of the day. Winds look to start calming down closer to midnight. Winds look to remain out of the SW on Fri.

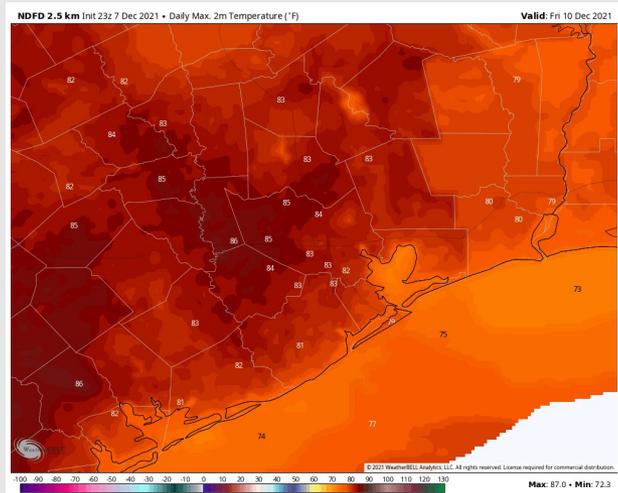
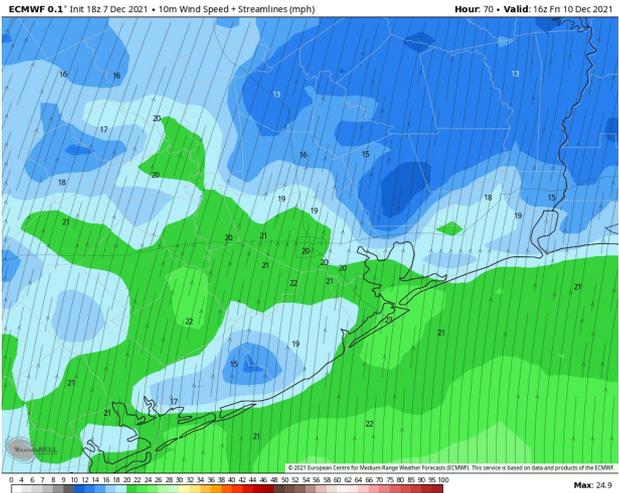
**Temps:** High temperatures Fri look to be in the upper 70s to low 80s F.

**Visibility:** Currently not anticipating fog for our stations on Fri. given the elevated winds, however if winds trend slightly lower, the fog threat for Fri AM would increase.

## Precip Forecast: 1 PM CT

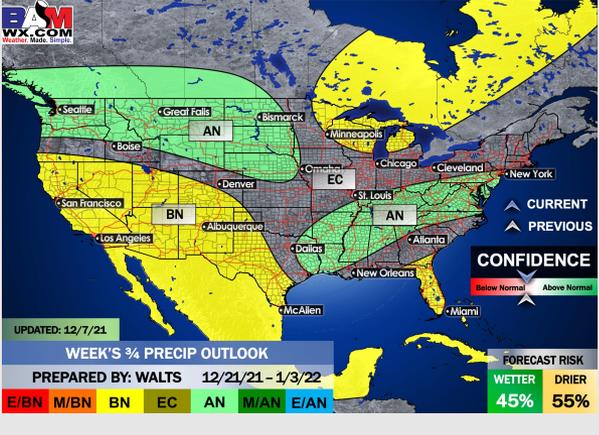
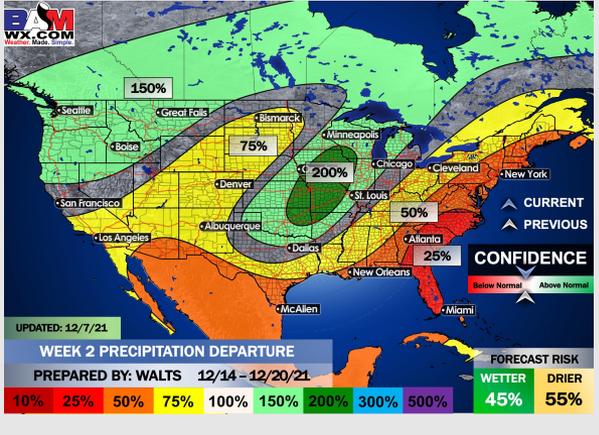
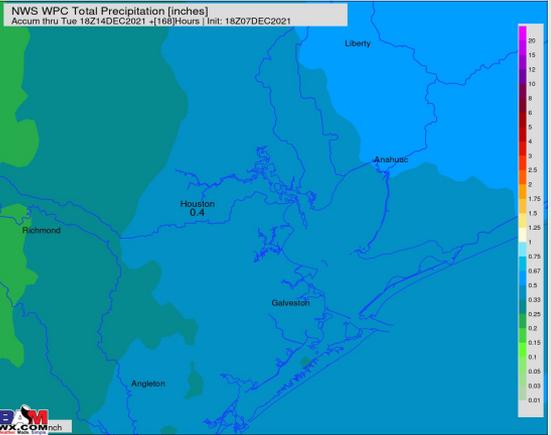
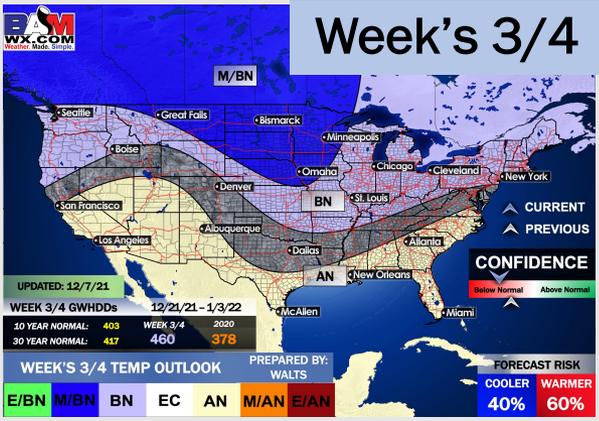
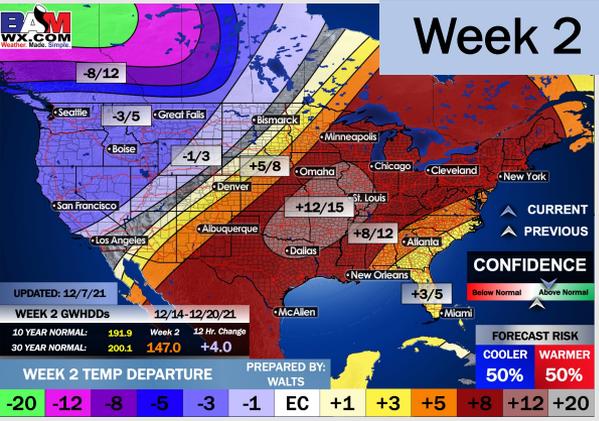
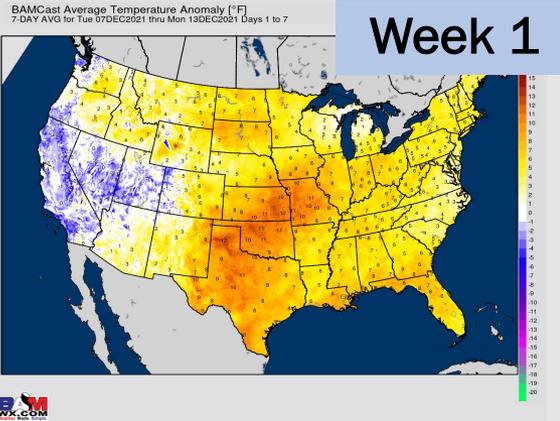


**Wind Speed:  
10 AM CT**



**High Temps  
Friday**

# Houston Pilots: 12/8/21



- Almost daily chances for isolated/scattered precip through Sat, however, chances nor totals look impressive. Best chances for precip will come Saturday with the passing of a cold front. Temperatures expected to be above normal this week.
- The week 2 timeframe is expected to have well above normal temperatures and above normal risks for precip.
- Right now, we are favoring slightly above normal risks for temperatures and near normal to slightly above normal risks for precip for the end of December.