

# Houston Pilots Forecast Package



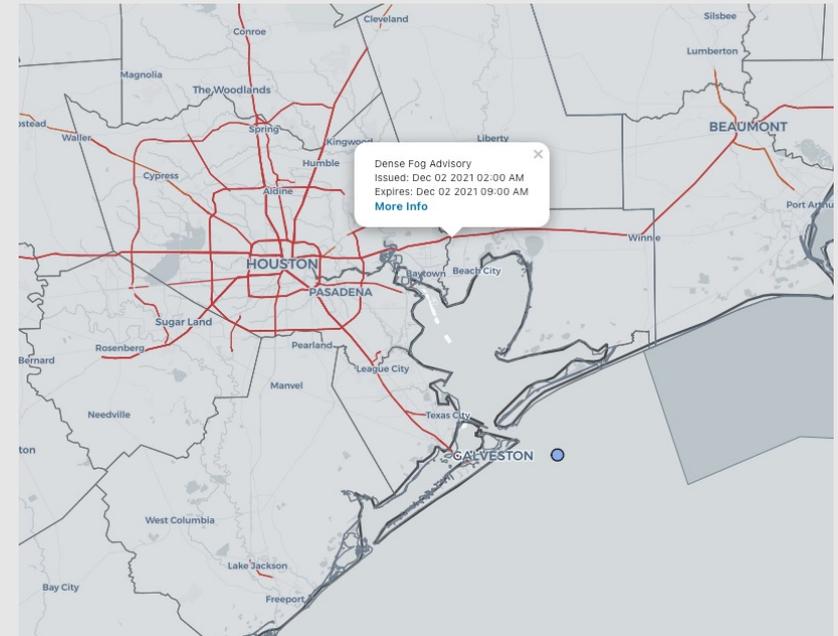
Updated: 5:00 AM CT

Thursday, December 2, 2021

Forecaster: Vince Bryan

## Weather Headlines

- Continue to watch for patchy dense fog this morning as discussed in slides below
- Anticipating overall dry conditions this work week with next best shot for precip coming early next week.
- Winds look to generally be on the quieter side the next several days.



**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	12-02-2021 Thu 4am	12-02-2021 Thu 5am	12-02-2021 Thu 6am	12-02-2021 Thu 7am	12-02-2021 Thu 8am	12-02-2021 Thu 9am	12-02-2021 Thu 10am	12-02-2021 Thu 11am	12-02-2021 Thu 12pm	12-02-2021 Thu 1pm	12-02-2021 Thu 2pm	12-02-2021 Thu 3pm	12-02-2021 Thu 4pm	12-02-2021 Thu 5pm	12-02-2021 Thu 6pm	12-02-2021 Thu 7pm	12-02-2021 Thu 8pm	12-02-2021 Thu 9pm	12-02-2021 Thu 10pm	12-02-2021 Thu 11pm	12-03-2021 Fri 12am	12-03-2021 Fri 1am	12-03-2021 Fri 2am	12-03-2021 Fri 3am	12-03-2021 Fri 4am	12-03-2021 Fri 5am	12-03-2021 Fri 6am	12-03-2021 Fri 7am	12-03-2021 Fri 8am	12-03-2021 Fri 9am	12-03-2021 Fri 10am	12-03-2021 Fri 11am	12-03-2021 Fri 12pm	12-03-2021 Fri 1pm	12-03-2021 Fri 2pm	12-03-2021 Fri 3pm				
Houston Pilots N - 610 Bridge	6.392	0.528	0.528	0.289	0.289	1.377	10.000	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	7.954	5.886	3.897	0.716	0.477	0.477	0.477	0.239	0.239	2.953	6.930	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	
Houston Pilots M - Kinder 1	6.392	0.528	0.528	0.289	0.289	1.377	10.000	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	7.954	5.886	3.897	0.716	0.477	0.477	0.477	0.239	0.468	4.245	6.930	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	
Houston Pilots L - Greens Bayou	6.348	0.528	0.528	0.289	0.289	1.377	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	9.069	7.954	5.886	3.897	0.716	0.477	0.477	0.477	0.239	0.752	5.896	7.145	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	
Houston Pilots K - Shell Crude	5.897	0.528	0.528	0.289	0.289	1.377	10.000	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	7.044	5.645	3.897	0.716	0.477	0.477	0.477	0.239	1.113	7.999	7.999	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	
Houston Pilots J - Lynchburg Ferries	5.051	0.528	0.528	0.289	0.289	1.084	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	8.778	7.145	5.139	3.897	0.716	0.477	0.477	0.477	0.239	1.113	7.999	7.999	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	
Houston Pilots I - Exxon 3	3.908	0.528	0.528	0.289	0.289	1.084	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	7.954	6.920	4.931	1.505	0.537	0.477	0.427	0.427	0.239	1.113	7.999	7.999	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	
Houston Pilots H - Morgans Point	3.322	0.528	0.528	0.289	0.289	1.084	9.820	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	8.397	6.920	6.567	4.931	0.716	0.477	0.477	0.239	0.239	0.239	3.598	7.999	7.999	9.719	10.000	10.000	10.000	10.000	10.000	10.000	10.000	
Houston Pilots G - 75/76	1.540	0.528	0.289	0.289	0.289	1.084	9.038	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	9.673	6.920	6.920	5.519	3.897	0.477	0.477	0.239	0.239	0.239	0.486	4.534	7.999	7.999	9.033	10.000	10.000	10.000	10.000	10.000	10.000	10.000	
Houston Pilots F - 63/64	0.921	0.528	0.289	0.289	0.289	1.034	8.154	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	8.988	6.920	6.494	4.931	3.897	0.477	0.477	0.239	0.239	0.239	1.821	5.965	7.999	7.999	9.033	10.000	10.000	10.000	10.000	10.000	10.000	10.000	
Houston Pilots E - 51/52	0.422	0.461	0.289	0.289	0.289	0.373	1.522	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	9.652	8.808	6.651	5.072	4.272	3.606	0.462	0.400	0.239	0.239	0.239	1.247	3.383	6.999	7.999	7.999	9.033	10.000	10.000	10.000	10.000	10.000	10.000	10.000	
Houston Pilots D - 37/38	0.250	0.289	0.289	0.289	0.289	0.289	1.084	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	8.988	6.920	4.931	0.477	0.239	0.239	0.239	0.239	0.239	0.239	0.239	0.239	4.513	6.430	8.033	7.999	8.883	9.033	10.000	10.000	10.000	10.000	10.000	10.000	10.000
Houston Pilots C - 25/26	0.250	0.289	0.289	0.289	0.289	0.289	0.766	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	7.954	6.784	4.767	0.477	0.239	0.239	0.239	0.239	0.239	0.239	0.989	2.193	6.678	8.033	8.033	7.999	9.033	9.033	10.000	10.000	10.000	10.000	10.000	10.000	10.000
Houston Pilots B - 11/12	0.250	0.289	0.289	0.289	0.289	0.289	0.766	10.000	10.000	10.000	10.000	10.000	10.000	10.000	8.823	5.933	4.931	0.477	0.477	0.239	0.239	0.239	0.239	0.239	0.239	1.447	3.525	7.724	8.033	8.033	7.999	8.883	9.033	10.000	10.000	10.000	10.000	10.000	10.000	10.000
Houston Pilots A - 1 & 2 Bravo	0.250	0.289	0.289	0.289	0.289	0.289	0.722	1.084	2.039	1.084	1.084	5.112	4.943	3.207	1.591	0.477	0.397	0.195	0.179	0.179	0.215	0.179	0.179	0.410	2.218	3.009	8.033	8.033	8.033	7.999	7.999	7.999	9.548	9.548	9.548	9.548	9.548	9.548	9.548	

Data looks to develop fog a bit too early tonight for the boarding station, but think another round of fog needs watched into tomorrow morning.

# Houston Pilots Extended Range Visibility Report



## Sunday, 12/4/21

Currently not anticipating fog for our stations on Sun, however, data suggests fog N of our stations and light winds out of the south would aid in fog development



## Monday, 12/5/21

Pending exact timing of our front on Monday, some patchy fog out ahead of the front cannot be fully be ruled out.



## Tuesday, 12/6/21

Currently not anticipating fog for our stations on Tuesday with the passing of the front on Monday.



### Daily Fog Chance

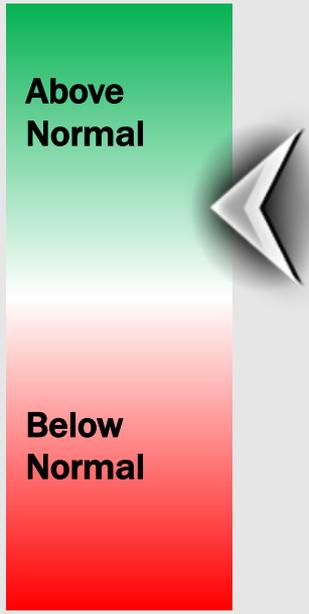
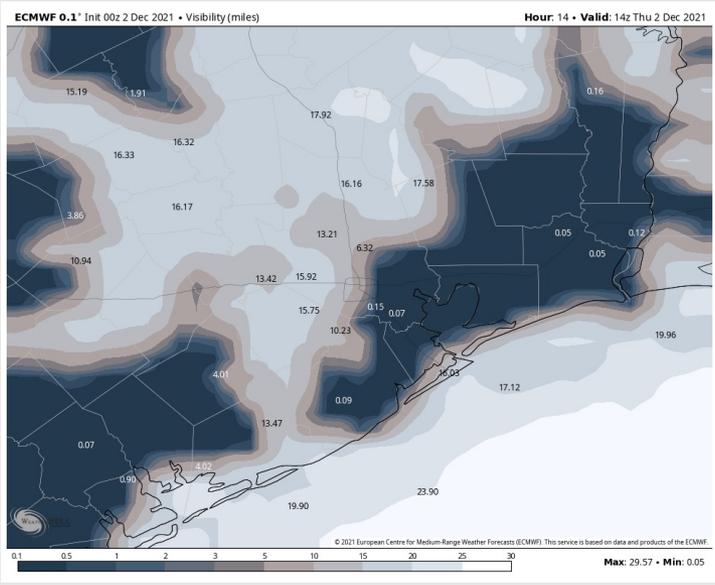
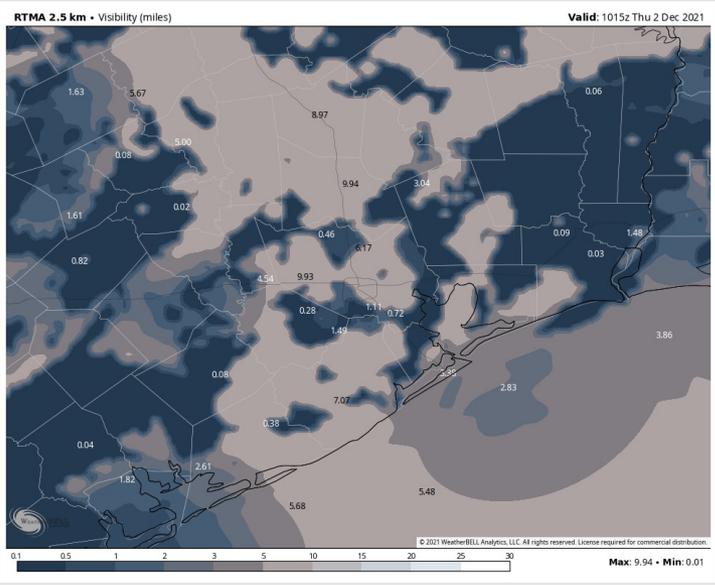
Sunday AM	Possible
Monday AM	Possible
Tuesday AM	Unlikely

# Houston Pilots Visibility Report



## Current Visibility (miles)      7 AM CT THU Visibility (miles)

## Confidence



### Fog Threat

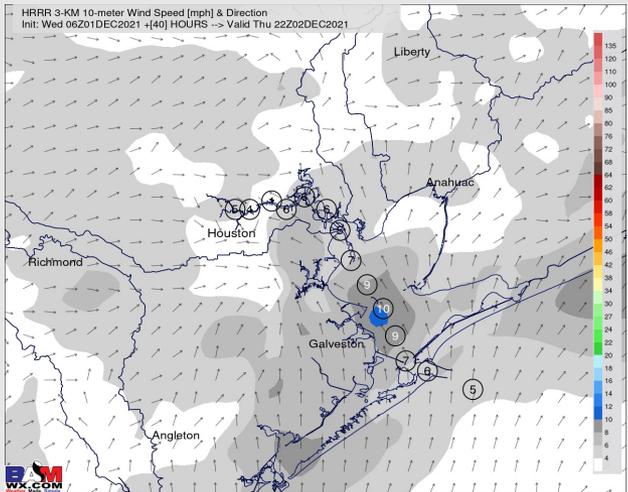
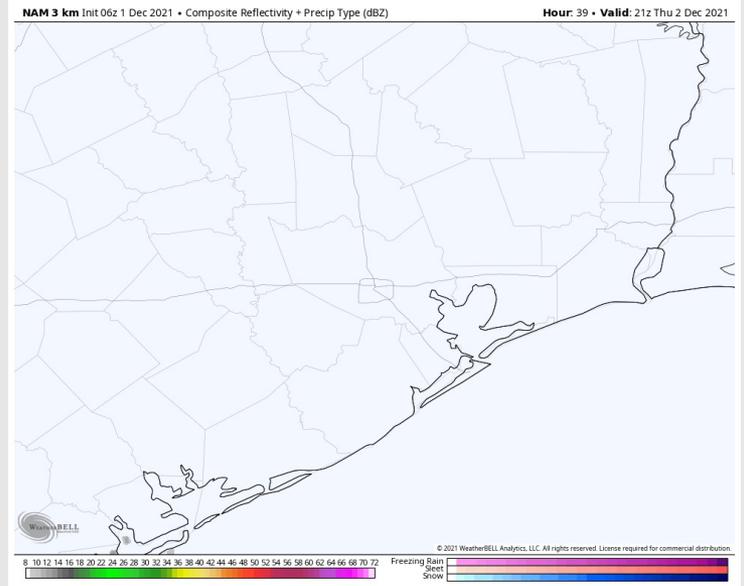
Current- 9 AM THU      **Medium**

- Patchy, dense fog around the area will continue to be possible through the area out until ~9-10 AM when fog looks to lift.
- Reports + observations show that some areas of dense fog (less than 1 mile) will be possible

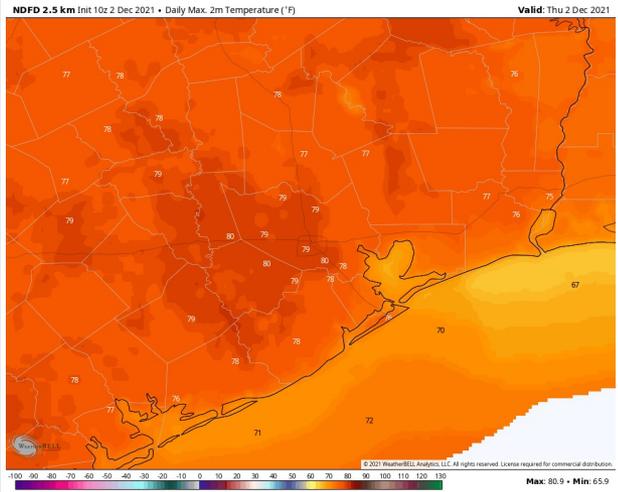
## Forecast Discussion

- Precip:** Dry conditions anticipated to continue for our stations.
- Wind:** Sustained winds 3-8 MPH look to continue at the boarding station for most of the day, closer to 5-10 MPH after ~sundown and beyond. Winds look to be mainly out of the NW in the AM, switching to a more southerly flow after 4 PM.
- Temps:** High temperatures look to also be in the low to mid 70s F.
- Visibility:** Latest thoughts on fog on the slides above.

## Visibility Forecast: 3 PM CT



Wind Speed  
4 PM CT



High Temps

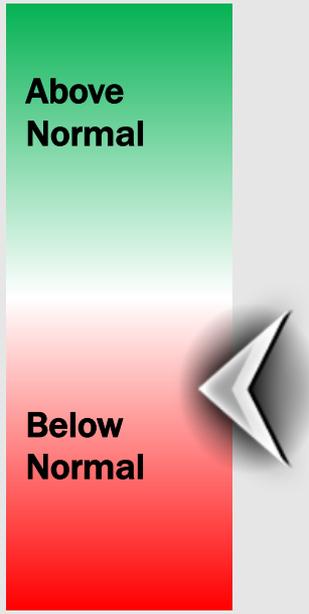
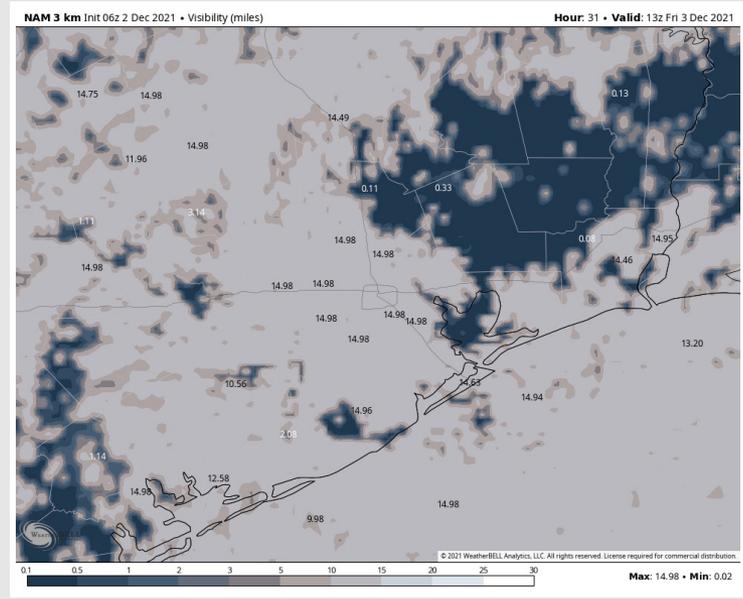
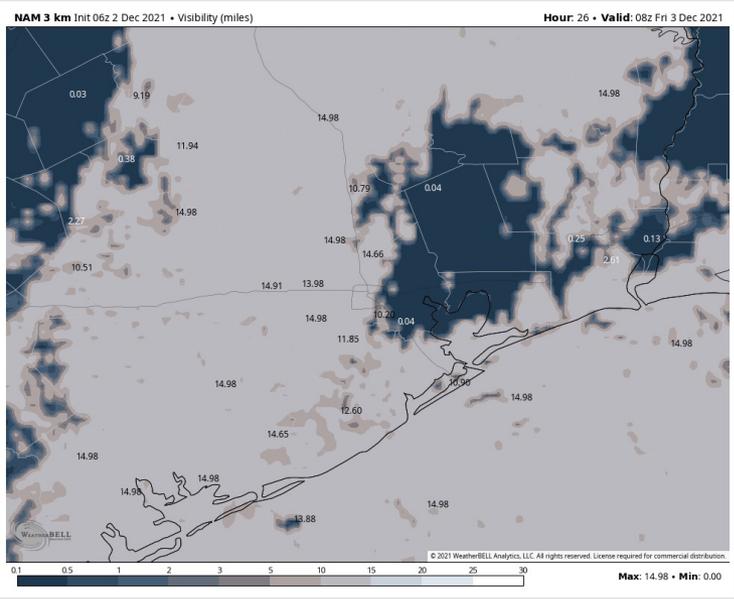
# Houston Pilots Visibility Report



## 4 AM FRI Visibility (miles)

## 9 AM CT FRI Visibility (miles)

## Confidence



### Fog Threat

3 AM – 9 AM FRI **Medium**

- Another morning of fog chances for Friday morning across the area. Once again higher confidence that there will be fog that needs monitored, however guidance varies a good bit on the coverage, thus leading to lower confidence on specifics.
- Still believe fog can form as early as 2-3 AM in a patchy nature and stick around until ~9 AM.
- Best chances for this patchy fog will continue to be north of 63/64, but still think the mention of patchy fog south cannot be taken off the table.

# Houston Pilots: *Fri. 12/3/2021*



## Forecast Discussion

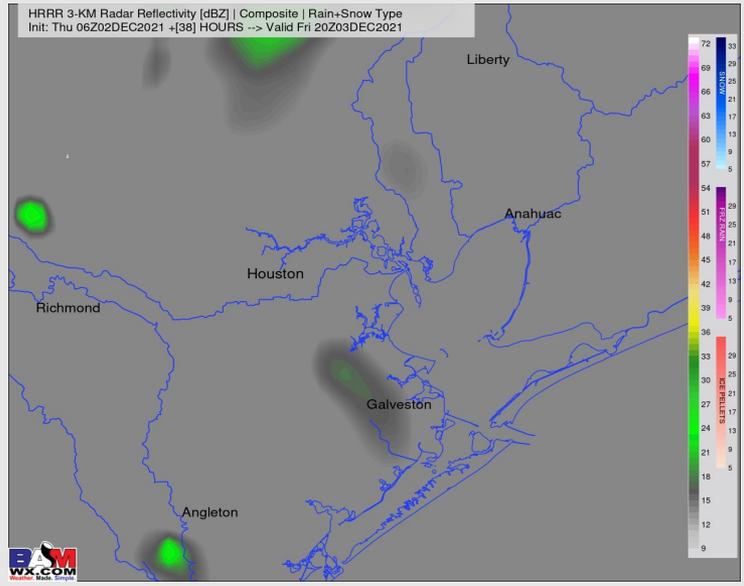
**Precip:** Have bumped up chances slightly for Friday with a ~20% mention of a few sprinkles/ very light shower in the afternoon hours. Total precip would be a few hundredths of an inch, if anything.

**Wind:** Sustained winds look to be 5-10 MPH at the boarding station with gusts 10-15 MPH. Winds look to remain generally out of the south on Friday.

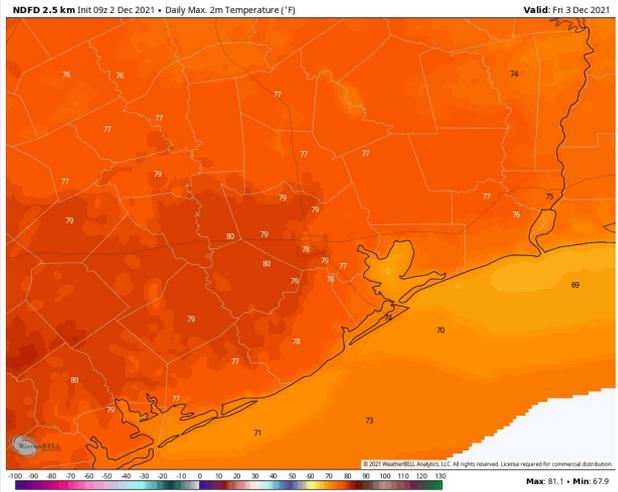
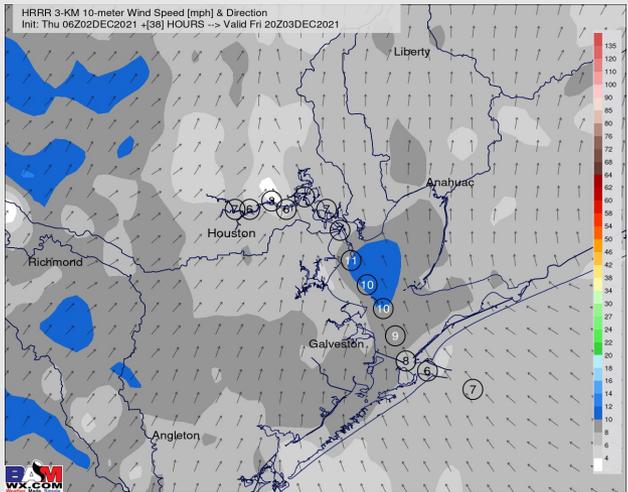
**Temps:** High temperatures on Friday look to be in the low to mid 70s F.

**Visibility:** Keeping an eye of potential fog Fri AM, more on slide above.

## Precip Forecast: 4 PM CT



## Wind Speed 2 PM CT



## High Temps Friday

# Houston Pilots: Sat. 12/4/2021



## Forecast Discussion

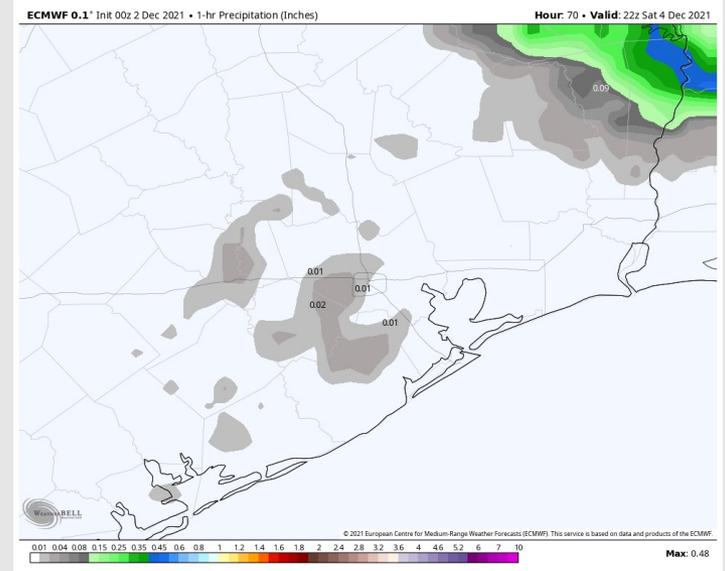
**Precip:** A touch lower confidence on specifics, but keeping an eye on 20-30% chances for a few light showers in the afternoon hours. Currently think best opportunity for these light showers come for the far N stations.

**Wind:** Winds will continue coming out of the S at 5-10 MPH with an occasional gust to 15 MPH.

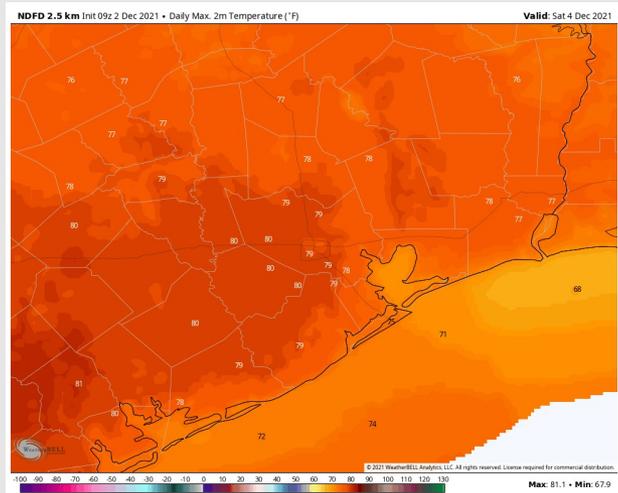
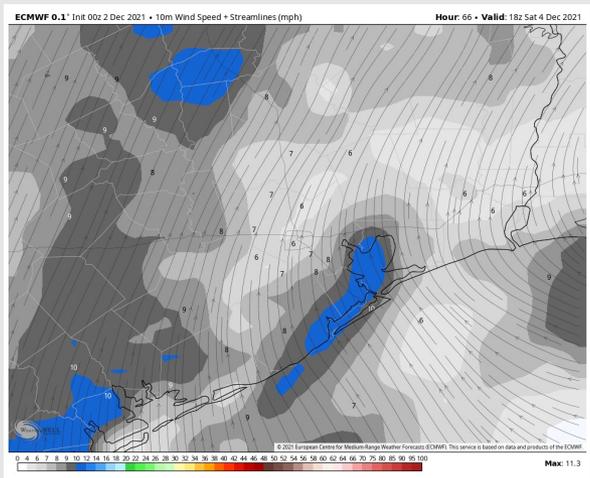
**Temps:** Saturday's highs should not be all that different with highs in the low to mid 70s.

**Visibility:** Currently not anticipating fog Saturday.

## Precip Forecast: 3 PM CT

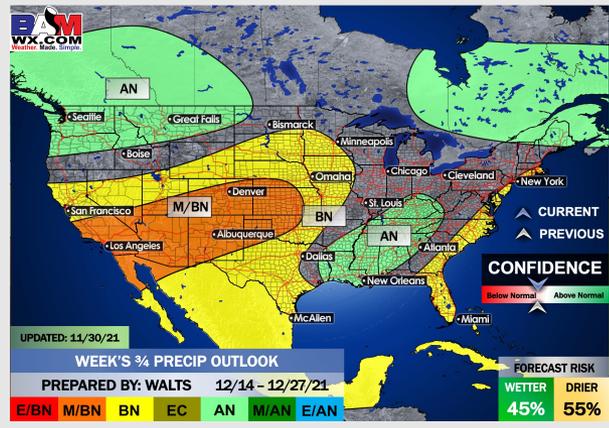
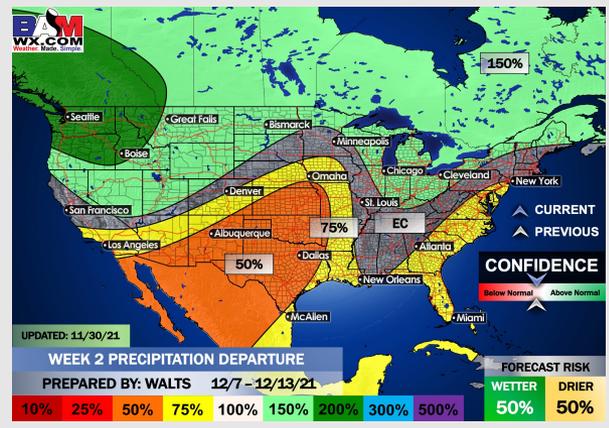
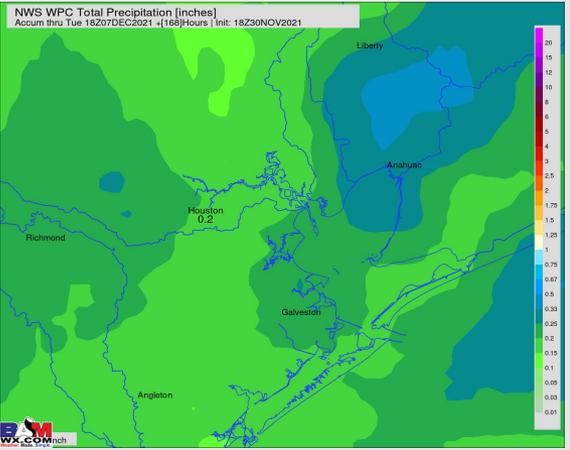
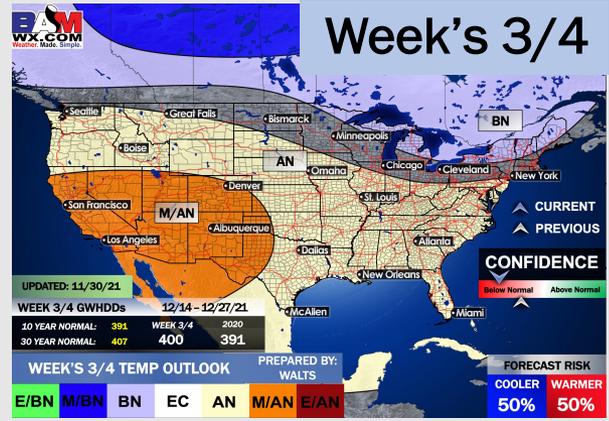
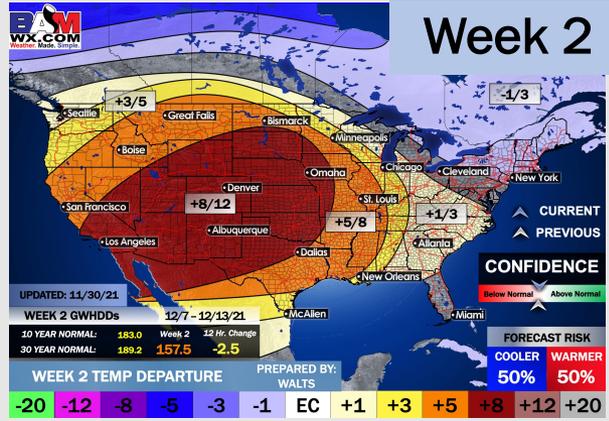
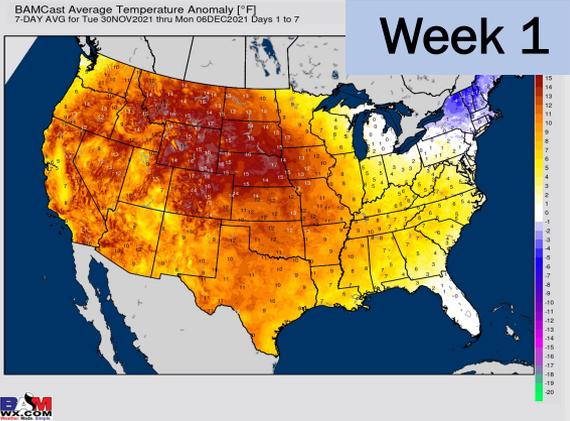


## Wind Speed: 1 PM CT



## High Temps Saturday

# Houston Pilots: 12/2/21



- A rather inactive week ahead is anticipated. Chances return towards SAT / SUN with the next system. Temperatures expected to be above normal this week.
- The week 2 timeframe is expected to have 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 middle of December.