

Houston Pilots Forecast Package



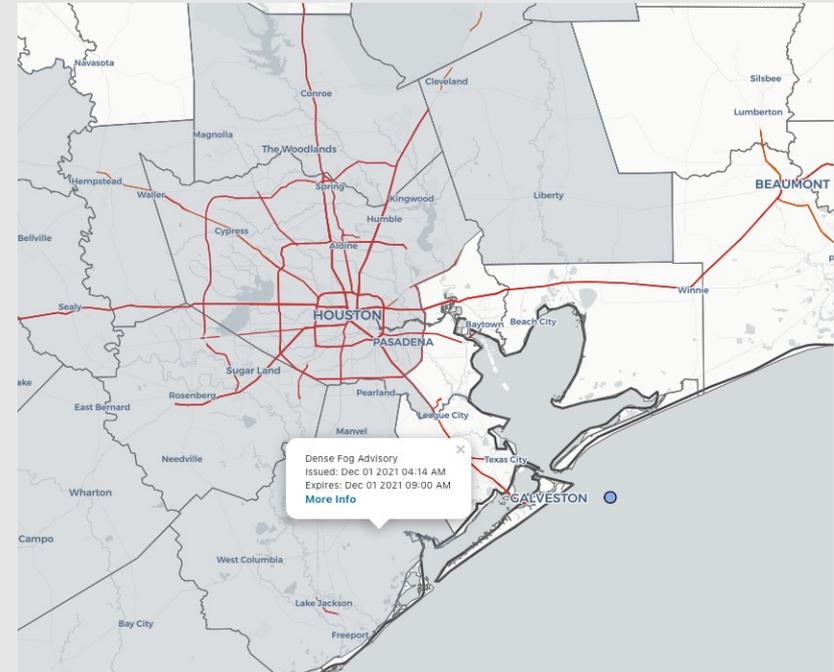
Updated: 5:00 AM CT

Wednesday, December 1, 2021

Forecaster: Vince Bryan

Weather Headlines

- Anticipating overall dry conditions this work week with next possible shot for precip coming early next week.
- Daily fog chances will continue. Friday may be a day where the fog threat is not as high.
- 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	12-01-2021 Wed 3am	12-01-2021 Wed 4am	12-01-2021 Wed 5am	12-01-2021 Wed 6am	12-01-2021 Wed 7am	12-01-2021 Wed 8am	12-01-2021 Wed 9am	12-01-2021 Wed 10am	12-01-2021 Wed 11am	12-01-2021 Wed 12pm	12-01-2021 Wed 1pm	12-01-2021 Wed 2pm	12-01-2021 Wed 3pm	12-01-2021 Wed 4pm	12-01-2021 Wed 5pm	12-01-2021 Wed 6pm	12-01-2021 Wed 7pm	12-01-2021 Wed 8pm	12-01-2021 Wed 9pm	12-01-2021 Wed 10pm	12-01-2021 Wed 11pm	12-02-2021 Thu 12am	12-02-2021 Thu 1am	12-02-2021 Thu 2am	12-02-2021 Thu 3am	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			
Houston Pilots N - 610 Bridge	8.539	8.346	7.906	7.581	7.581	7.581	8.115	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	5.906	0.477	0.373	0.239	0.239	0.239	0.239	0.159	6.964	10.000	10.000	10.000	10.000	10.000			
Houston Pilots M - Kinder 1	8.315	8.173	7.895	7.581	7.581	7.581	8.115	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	5.906	2.284	2.284	2.284	2.284	2.284	2.284	2.127	6.964	10.000	10.000	10.000	10.000	10.000			
Houston Pilots L - Greens Bayou	8.246	8.122	7.644	7.581	7.581	7.581	8.115	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	5.886	4.814	4.814	4.814	4.814	4.814	4.814	4.781	7.146	10.000	10.000	10.000	10.000	10.000			
Houston Pilots K - Shell Crude	8.174	7.939	7.581	7.581	7.581	7.581	8.115	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	9.122	8.033	8.033	8.033	8.033	8.033	8.033	8.033	8.033	8.033	8.033	8.033	10.000	10.000	10.000	10.000	10.000		
Houston Pilots J - Lynchburg Ferries	8.198	7.884	7.581	7.581	7.581	7.581	8.017	10.000	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	8.033	8.033	8.033	8.033	8.033	8.033	8.033	8.033	8.033	10.000	10.000	10.000	10.000	10.000		
Houston Pilots I - Exxon 3	8.198	7.912	7.708	7.581	7.581	6.073	4.918	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	8.033	8.033	8.033	8.033	8.033	8.033	8.033	8.033	8.033	8.033	10.000	10.000	10.000	10.000	10.000		
Houston Pilots H - Morgans Point	8.421	8.144	7.714	7.581	7.581	6.426	4.918	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	8.033	8.033	8.033	8.033	8.033	8.033	8.033	8.033	8.033	8.033	8.033	8.033	8.033	10.000	10.000	10.000	10.000	10.000		
Houston Pilots G - 75/76	8.503	8.144	7.714	7.581	7.581	6.426	2.630	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	8.033	8.033	8.033	8.033	8.033	8.033	8.033	8.033	8.033	8.033	8.033	8.033	10.000	10.000	10.000	10.000	10.000		
Houston Pilots F - 63/64	8.503	8.144	7.714	7.581	7.581	6.426	7.601	9.418	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	8.988	8.033	8.033	8.033	8.033	8.033	8.033	8.033	8.033	8.033	8.033	8.033	8.033	8.033	8.033	8.988	10.000	10.000	10.000	10.000		
Houston Pilots E - 51/52	8.503	8.144	7.714	7.581	7.581	6.426	7.825	8.536	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	8.988	8.033	8.033	8.033	8.033	8.033	8.033	8.033	8.033	8.033	8.033	8.033	8.033	8.033	8.033	8.988	10.000	10.000	10.000	10.000		
Houston Pilots D - 37/38	8.572	8.111	7.775	7.615	7.044	2.955	7.723	8.999	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	8.988	8.988	8.033	8.033	8.033	8.033	8.033	8.033	8.033	8.033	8.033	8.033	8.033	8.033	8.576	8.988	10.000	10.000	10.000	10.000		
Houston Pilots C - 25/26	8.572	8.113	8.254	8.108	8.014	7.747	7.723	8.999	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	8.988	8.988	8.988	8.033	8.033	8.691	8.988	8.988	8.988	8.988	8.988	8.988	8.988	8.988	8.988	8.988	8.988	8.988	10.000	10.000	10.000	10.000
Houston Pilots B - 11/12	8.572	8.113	8.378	8.225	8.161	8.023	7.723	8.999	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	8.988	8.988	8.988	8.702	8.033	8.988	8.988	8.988	8.988	8.988	8.988	8.988	8.988	8.988	8.988	8.988	8.988	8.988	10.000	10.000	10.000	10.000
Houston Pilots A - 1 & 2 Bravo	8.572	8.113	8.178	8.208	8.043	7.919	7.643	8.287	9.652	10.000	10.000	9.325	9.012	8.716	8.573	10.000	9.583	9.585	9.583	8.988	8.988	8.988	8.988	8.033	8.033	8.988	8.988	8.988	8.988	8.988	8.988	8.988	8.988	8.988	8.988	9.822	10.000	10.000	

The fog threat looks a touch lower this AM than the past few mornings, however we think this data may be a touch underdone on potential this AM.

Houston Pilots Extended Range Visibility Report



Saturday, 12/3/21

Currently not anticipating fog for our stations on Sat, however, light winds from the south could aid in the development of fog.



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

Currently not anticipating fog for our stations on Mon, expecting precip in the AM and winds from the north.



Daily Fog Chance

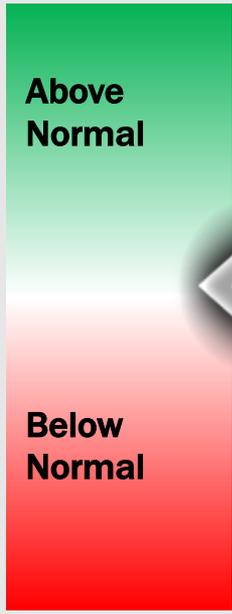
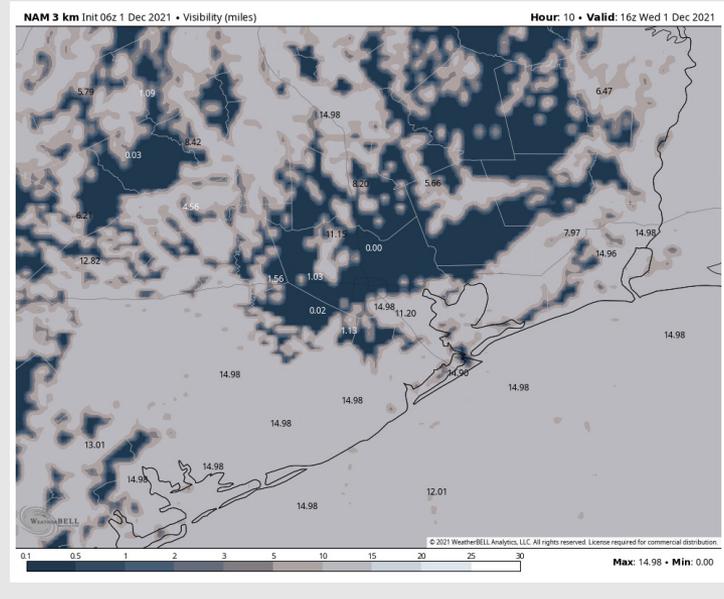
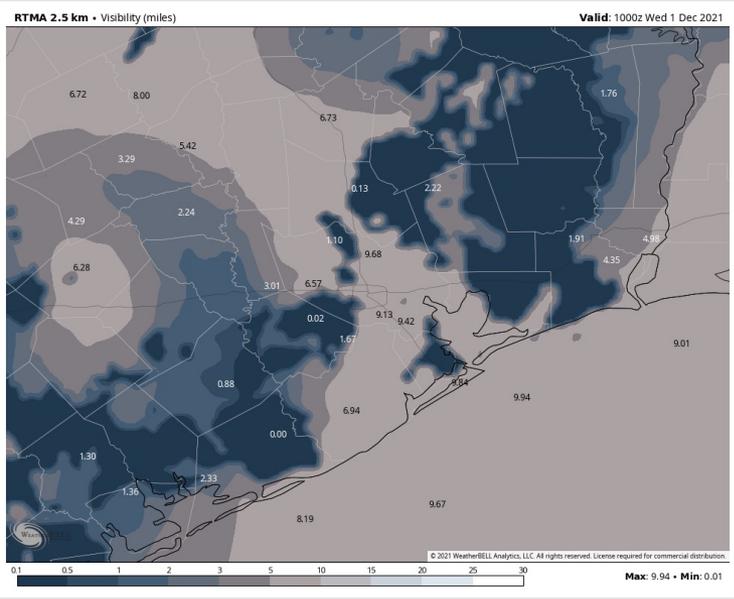
Saturday AM	Possible
Sunday AM	Possible
Monday AM	Unlikely

Houston Pilots Visibility Report



Current Visibility (miles) 9 AM CT WED Visibility (miles)

Confidence



Fog Threat

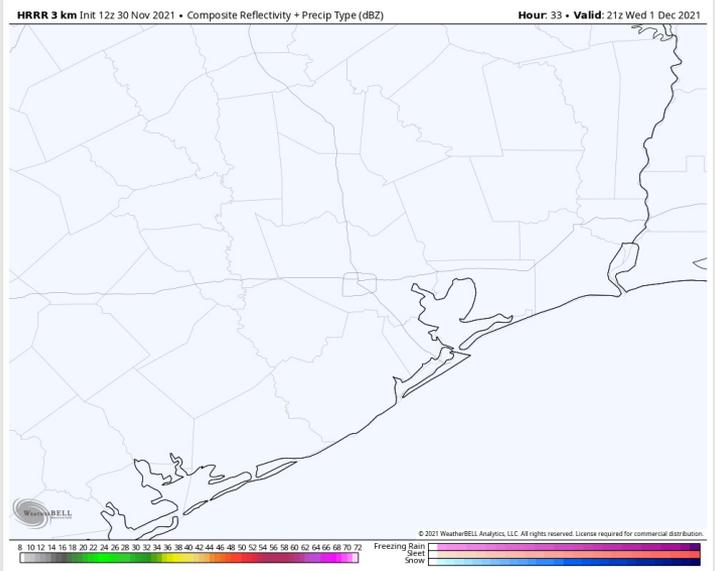
Current – 9 AM WED **Medium**

- Another morning of fog chances for our far Northern stations
- Best opportunity fog patchy, dense fog will continue to come inland. With that said, stations north of Morgan’s Point run the risk of seeing a few instances of patchy fog through 9 AM.
- Stations closer to the boarding station are not favored to see fog.

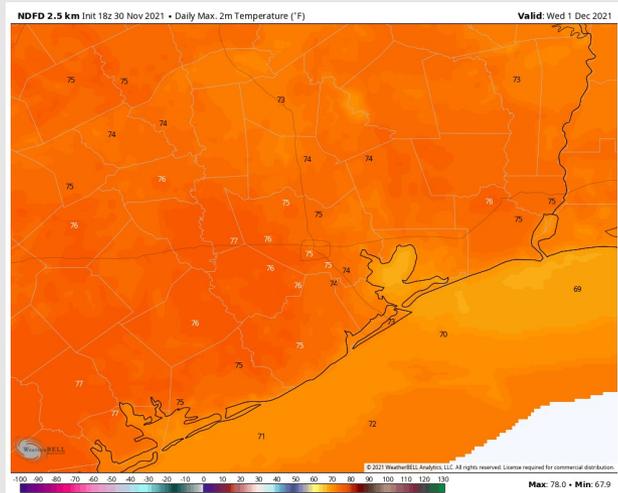
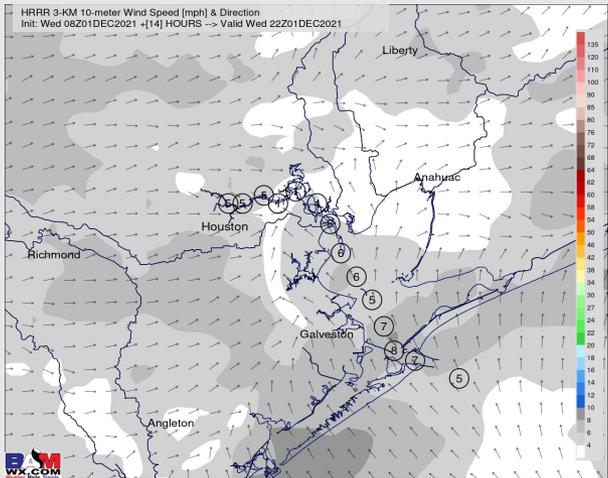
Forecast Discussion

Precip Forecast: 3 PM CT

- Precip:** Anticipating another dry day for our stations.
- Wind:** Sustained winds 3-8 MPH are favored for the boarding station for most of the day. Wind directions look to be somewhat variable throughout the day, switching from a generally northerly flow in the AM to a more S flow in the PM hours.
- Temps:** High temperatures look to be in the low to mid 70s F.
- Visibility:** Check slide above for more info on fog this AM.



Wind Speed:
4 PM CT



High Temps

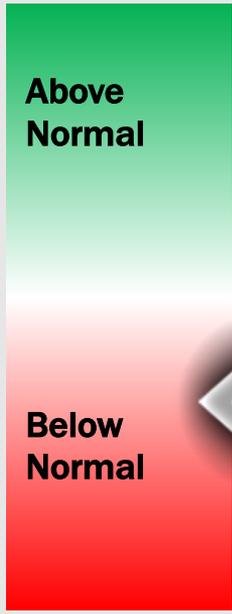
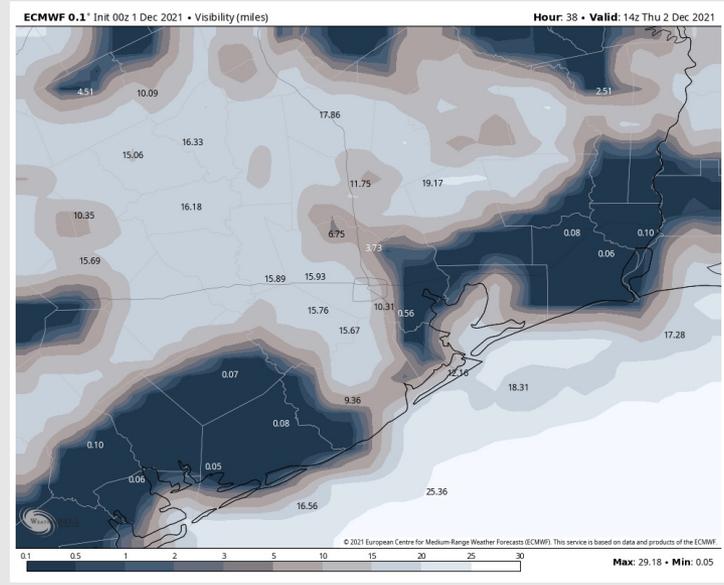
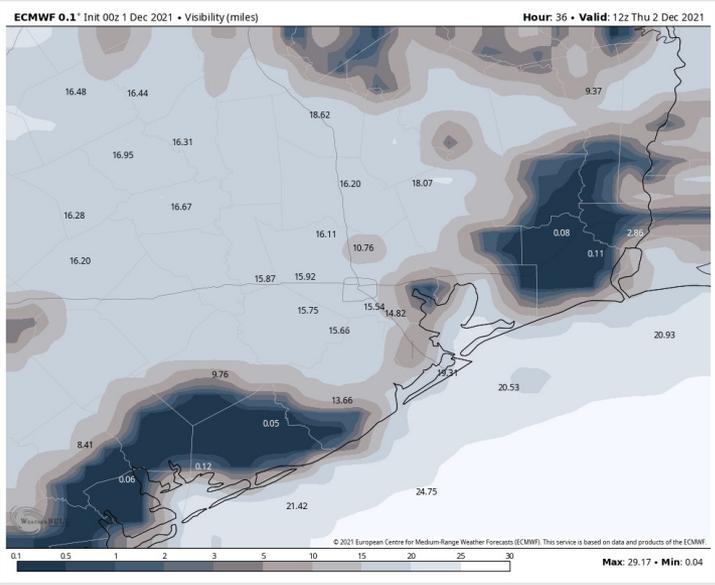
Houston Pilots Visibility Report



6 AM CT THU Visibility (miles)

8 AM CT THU Visibility (miles)

Confidence



Fog Threat

4 AM – 9 AM WED **Medium**

- Confidence is higher than normal on fog chances continuing for Thursday AM, however the below normal confidence exists on coverage.
- Given how some data has been too aggressive with fog coverage beyond ~24 hours we are going to side with a solution that keeps fog potential confined to our northern stations, however there are a few pieces of data that try to bring fog to all stations.
- Continue to think the best opportunity for fog would be in the 4-9 AM window.

Forecast Discussion

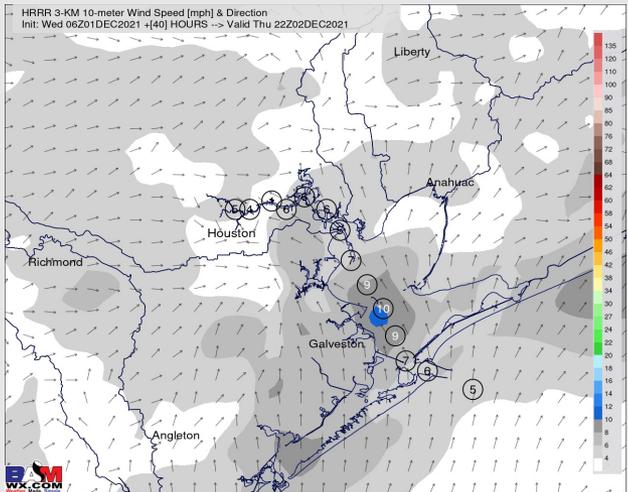
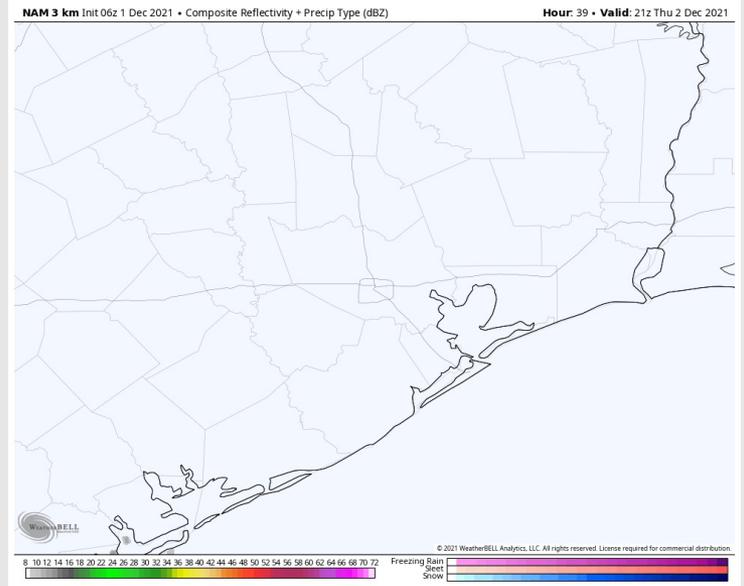
Precip: Dry conditions anticipated to continue Thursday for our stations.

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 WNW in the AM, switching to a more southerly flow for the PM hours.

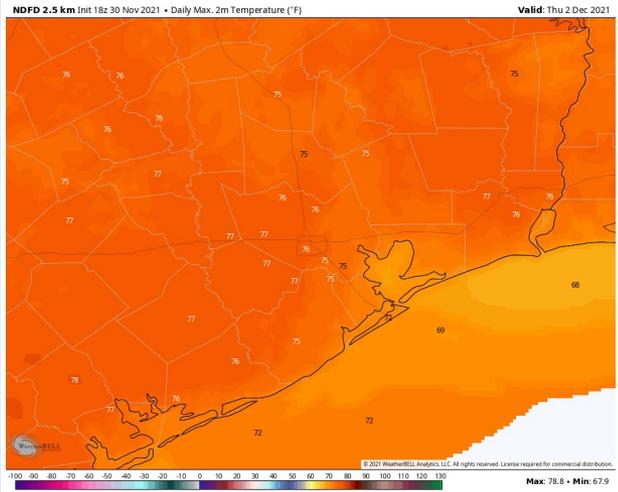
Temps: High temperatures Thursday look to also be in the low to mid 70s F.

Visibility: Latest thoughts on fog on the slide above.

Visibility Forecast: 3 PM CT



Wind Speed
4 PM CT



High Temps
Thursday

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



Forecast Discussion

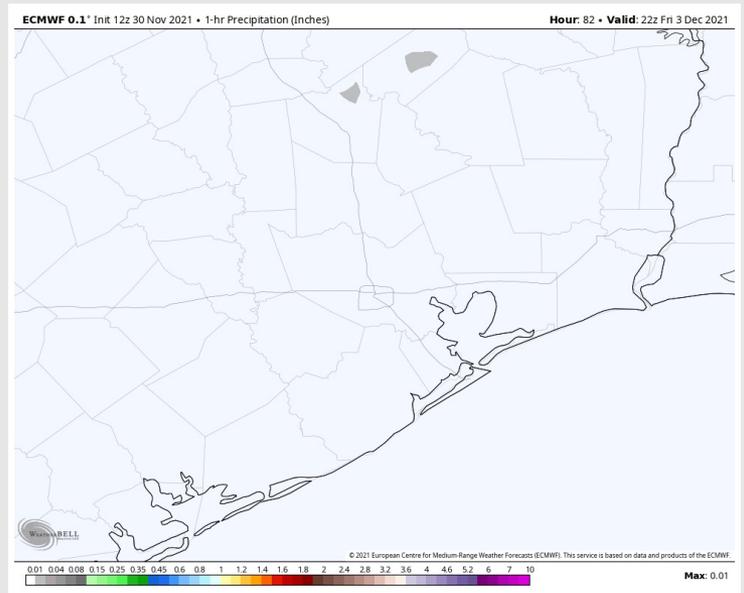
Precip: Anticipating dry conditions to continue for our stations on Friday.

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.

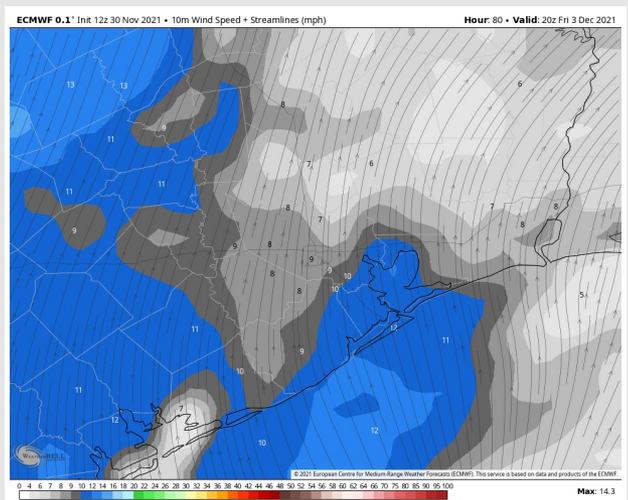
Temps: High temperatures on Friday look to be in the low to mid 70s F.

Visibility: Keeping an eye of potential fog Fri AM, currently data suggests fog stays to the N and E of our stations.

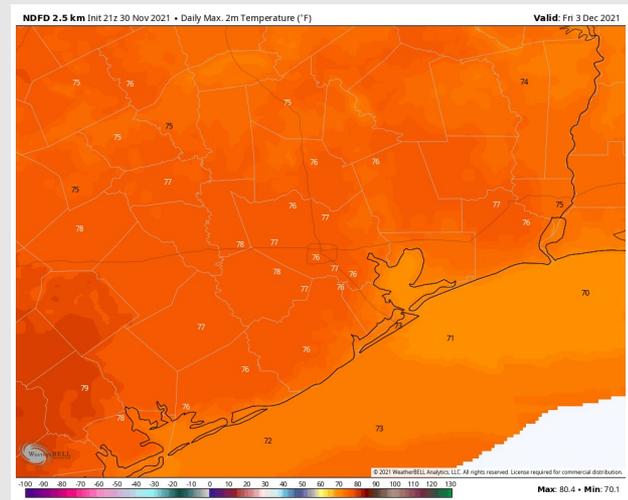
Precip Forecast: 4 PM CT



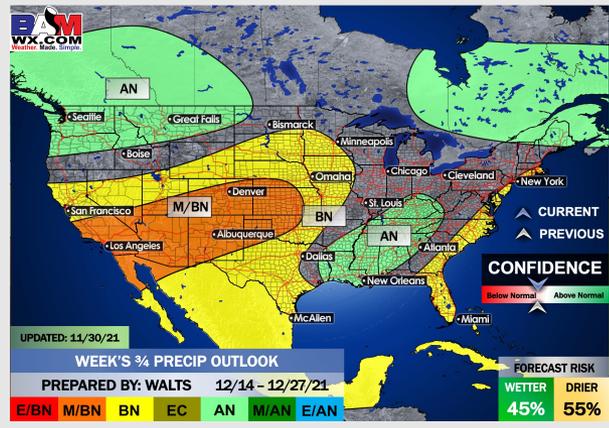
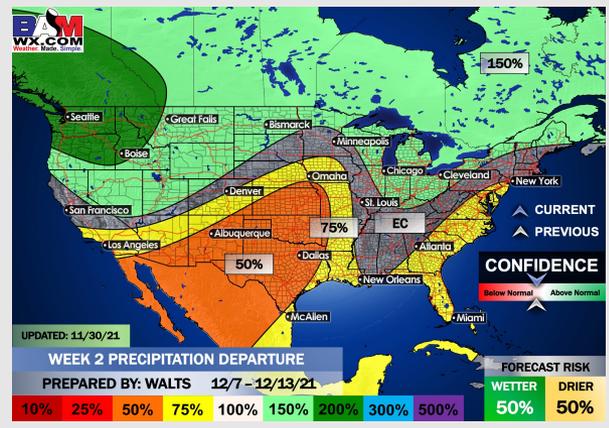
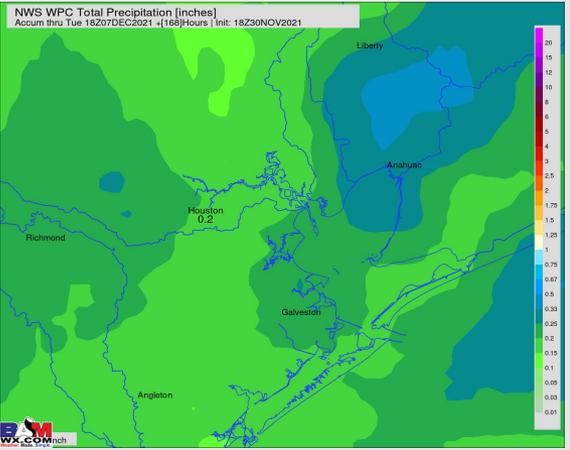
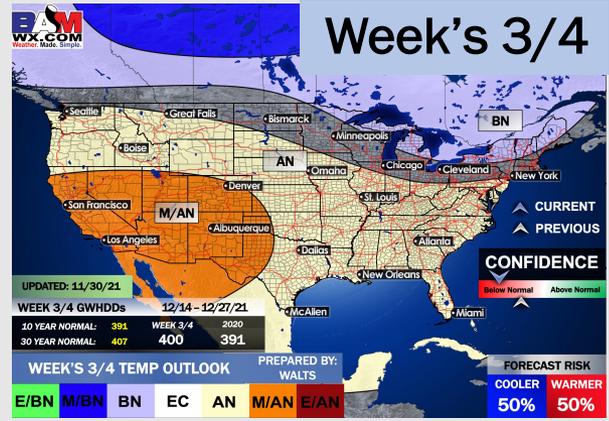
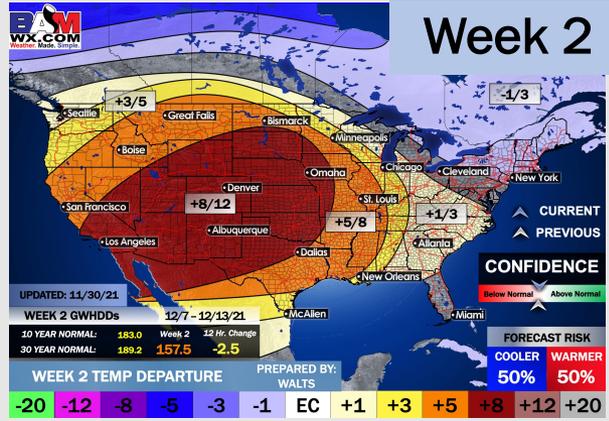
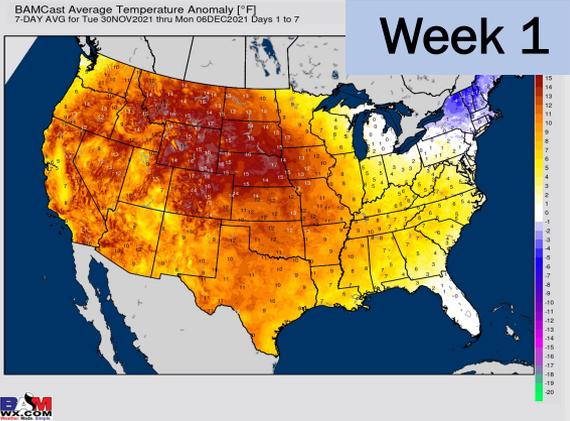
Wind Speed
2 PM CT



High Temps
Friday



Houston Pilots: 12/1/21



- A rather inactive week ahead is anticipated. Chances return towards next 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.