

Houston Pilots Forecast Package



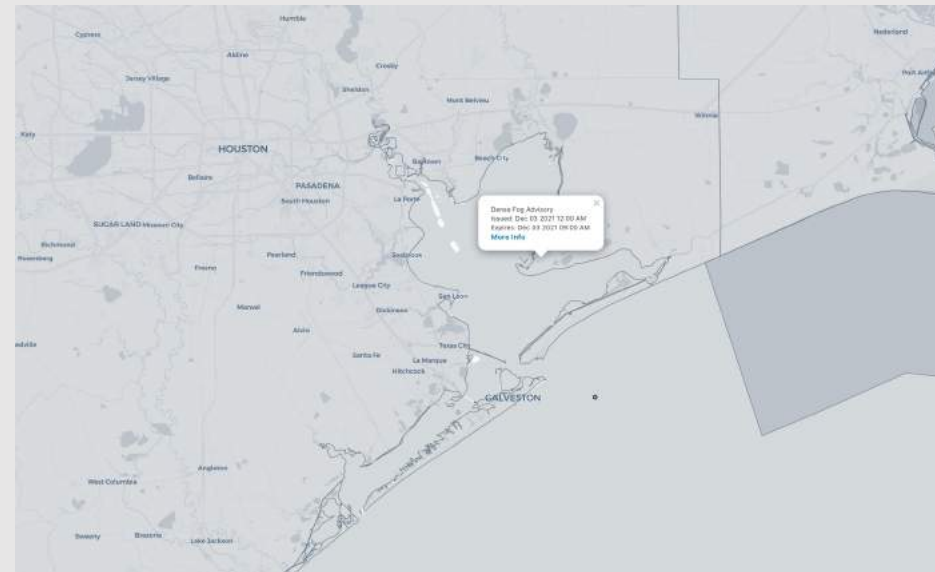
Updated: 5:00 AM CT

Friday, December 3, 2021

Forecaster: Matt

Weather Headlines

- Minor fog chances today/ tomorrow
- Generally dry until frontal boundary moves into the area Monday morning.
- A few bouts of heavy rain / storms cant be ruled out early next week with this boundary around the area.



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	12-03-2021 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	12-03-2021 Fri 4pm	12-03-2021 Fri 5pm	12-03-2021 Fri 6pm	12-03-2021 Fri 7pm	12-03-2021 Fri 8pm	12-03-2021 Fri 9pm	12-03-2021 Fri 10pm	12-03-2021 Fri 11pm	12-04-2021 Sat 12am	12-04-2021 Sat 1am	12-04-2021 Sat 2am	12-04-2021 Sat 3am	12-04-2021 Sat 4am	12-04-2021 Sat 5am	12-04-2021 Sat 6am	12-04-2021 Sat 7am	12-04-2021 Sat 8am	12-04-2021 Sat 9am	12-04-2021 Sat 10am	12-04-2021 Sat 11am	12-04-2021 Sat 12pm	12-04-2021 Sat 1pm	12-04-2021 Sat 2pm	12-04-2021 Sat 3pm	
Houston Pilots N - 610 Bridge	3.875	3.881	2.596	2.760	3.948	6.253	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	6.944	4.931	1.257	0.477	0.477	0.239	0.239	0.239	0.239	0.239	2.326	5.531	9.033	10.000	10.000	10.000	10.000	
Houston Pilots M - Kinder 1	4.096	4.125	2.865	2.914	3.948	6.309	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	7.198	5.706	2.638	2.460	1.667	1.669	1.669	1.742	2.284	2.284	3.524	5.931	9.033	10.000	10.000	10.000	10.000	
Houston Pilots L - Greens Bayou	3.875	3.881	2.596	2.914	3.948	6.253	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	8.000	7.573	6.752	5.011	4.912	2.740	3.146	3.146	3.442	4.814	4.814	5.535	6.718	9.033	10.000	10.000	10.000	10.000	
Houston Pilots K - Shell Crude	4.096	4.125	2.865	2.914	4.464	6.601	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	3.977	3.653	3.653	5.761	7.811	8.033	7.999	7.999	9.033	10.000	10.000	10.000	10.000	
Houston Pilots J - Lynchburg Ferries	4.965	2.516	2.077	2.914	4.797	7.766	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	3.977	3.653	3.653	5.761	7.811	8.033	7.999	7.999	9.033	10.000	10.000	10.000	10.000	
Houston Pilots I - Exxon 3	6.890	2.516	1.084	2.914	6.890	9.038	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	9.075	8.441	8.033	8.033	8.033	3.977	3.653	3.653	5.824	7.811	8.033	7.999	7.999	9.033	10.000	10.000	10.000	10.000	
Houston Pilots H - Morgans Point	6.890	4.418	3.230	2.914	6.890	9.038	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	9.075	8.441	8.033	8.033	8.033	4.900	4.789	4.789	7.293	7.811	8.033	7.999	7.999	9.033	10.000	10.000	10.000	10.000	
Houston Pilots G - 76/76	10.000	10.000	7.973	3.948	6.890	10.000	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	8.536	8.033	8.033	8.033	5.965	4.789	4.789	7.293	7.811	8.033	7.999	7.999	9.033	10.000	10.000	10.000	10.000	
Houston Pilots F - 63/64	10.000	10.000	10.000	7.490	7.386	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	9.388	8.565	8.033	8.033	8.033	8.033	5.106	5.106	7.293	7.811	8.033	7.999	7.999	9.609	10.000	10.000	10.000	10.000	
Houston Pilots E - 51/52	10.000	10.000	10.000	7.924	7.924	10.000	10.000	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	6.072	6.072	7.293	7.811	8.033	7.999	7.999	10.000	10.000	10.000	10.000	10.000	
Houston Pilots D - 37/38	10.000	10.000	10.000	9.038	7.924	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	9.388	8.910	8.033	8.033	8.033	8.033	7.759	7.759	7.759	6.430	8.033	7.999	8.283	9.548	10.000	10.000	10.000	10.000	
Houston Pilots C - 25/26	10.000	10.000	10.000	9.038	7.924	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	9.388	8.956	8.033	8.033	8.033	8.033	8.033	8.033	8.033	8.033	8.033	7.999	9.033	9.033	10.000	10.000	10.000	10.000	
Houston Pilots B - 11/12	10.000	10.000	10.000	9.038	7.924	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	9.102	8.956	8.033	8.033	8.033	8.033	8.033	8.033	8.033	8.033	8.033	7.999	8.283	9.033	10.000	10.000	10.000	10.000	
Houston Pilots A - 1 & 2 Bravo	10.000	10.000	10.000	9.038	7.924	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	9.583	9.583	8.748	8.704	8.033	8.033	8.033	8.033	8.033	8.033	8.033	8.033	7.999	7.999	8.774	9.548	9.548	9.548	9.548

Houston Pilots Extended Range Visibility Report



Monday, 12/6/21

Currently not anticipated fogs with elevated winds as a more active period of weather comes into the picture.



Tuesday, 12/7/21

Currently not anticipated fogs with elevated winds as a more active period of weather comes into the picture.



Wednesday, 12/8/21

Right now not favoring fog on Wednesday with elevated winds.



Daily Fog Chance

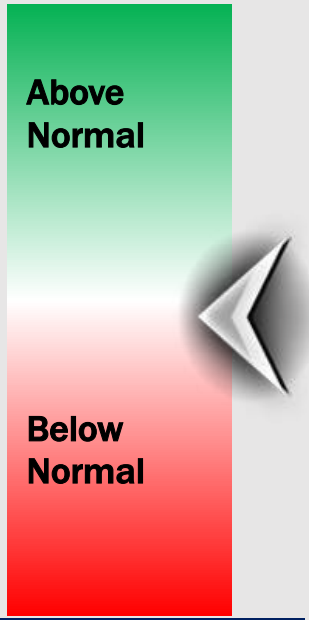
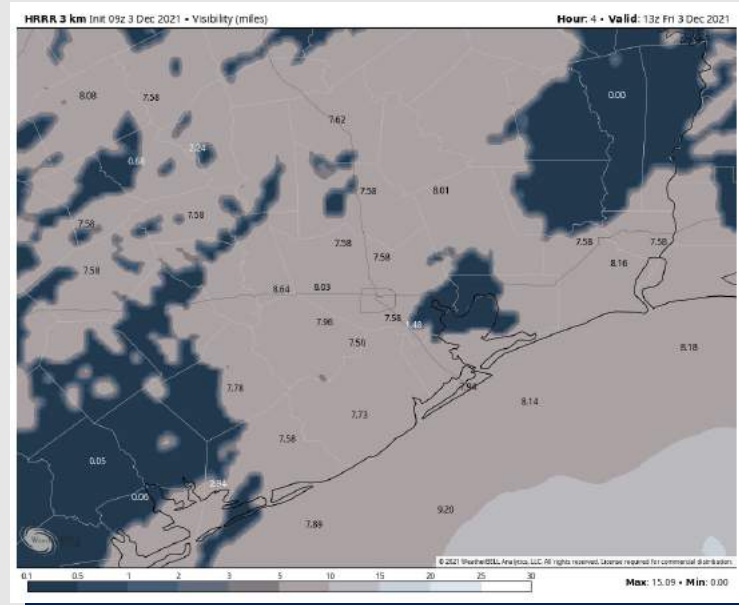
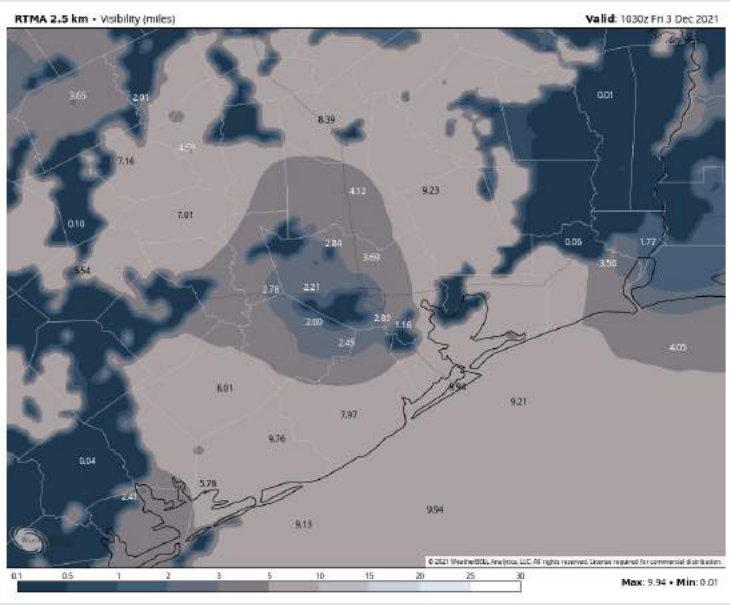
Monday AM	Unlikely
Tuesday AM	Unlikely
Wednesday AM	Unlikely

Houston Pilots Visibility Report



Current Visibility: 4:30 AM (miles) 7 AM CT FRI Visibility (miles)

Confidence



Fog Threat

NOW- 8 AM FRI **Low**

- Both satellite/ observations show a general lack of lower visibilities for our stations. Some patchy fog/ transient fog may be around the northern half stations.
- Overall threat this AM looks to be more limited vs forecast yesterday.
- Will still need to watch for patchy fog through 8 AM for stations 75/76 and points north.

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



Forecast Discussion

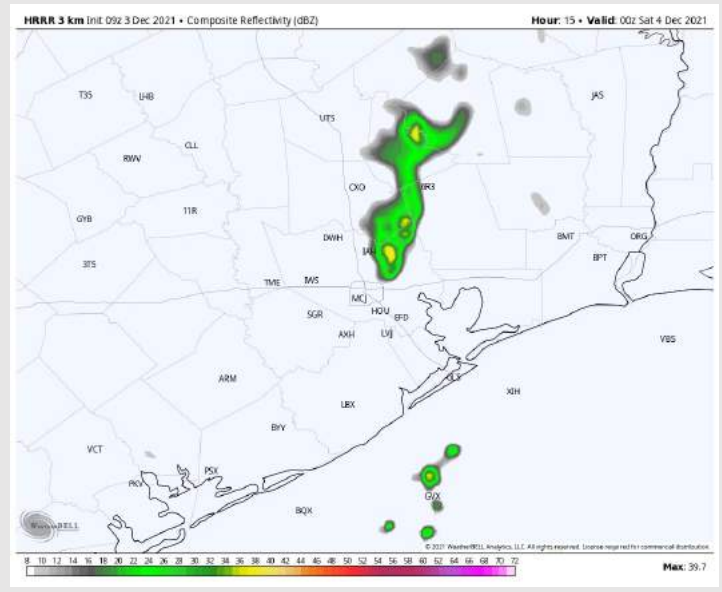
Precip: About a 10% chance shot or less for a light shower this afternoon (roughly 4 – 8 PM). In general, most of the day will be on the drier side.

Wind: Sustained winds look to be out of the SSE today around 5 – 10 MPH. Gust around 15 MPH will be possible.

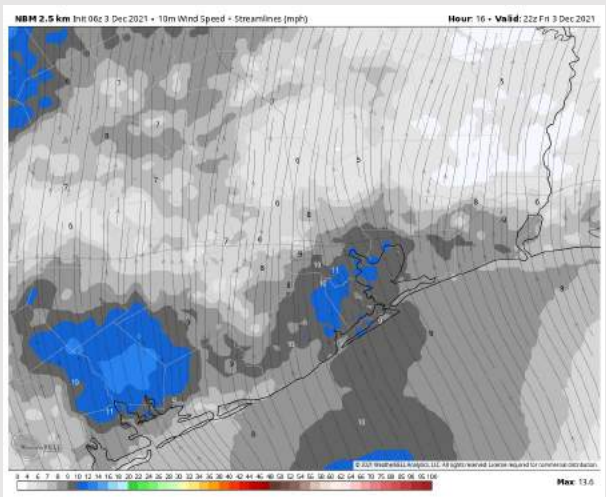
Temps: High temperatures look to be in the low to mid 70sF.

Visibility: Minor fog potential this morning. Further information in slide above.

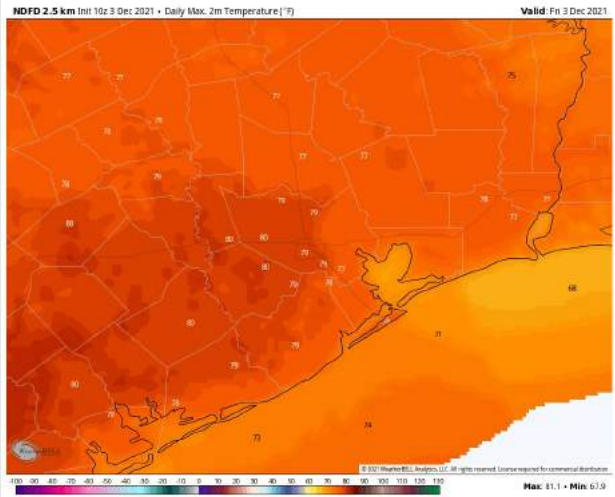
Precip Forecast: 6 PM CT



Wind Speed
4 PM CT



High Temps
Friday



Houston Pilots: Sat. 12/4/2021



Forecast Discussion

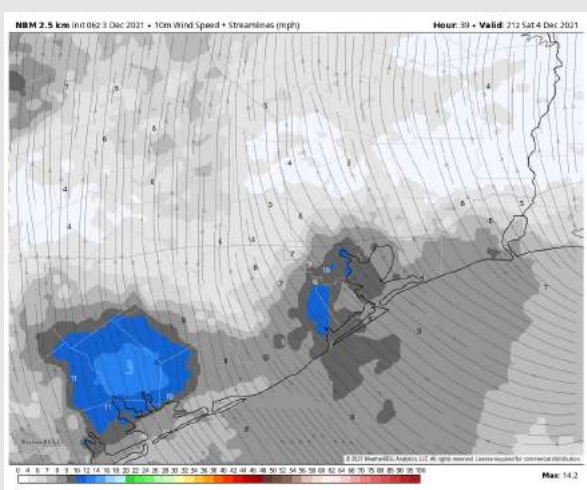
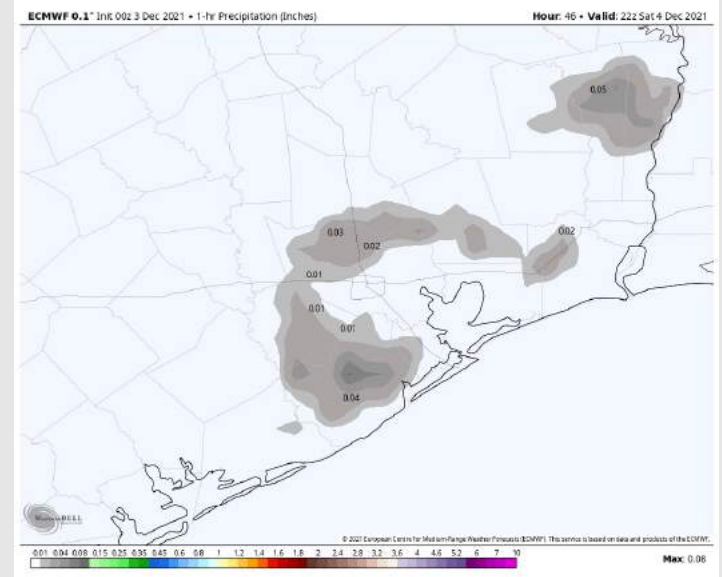
Precip: Once again, cant rule out a ~10% chance of a light shower in the afternoon hours of tomorrow. More dry time than not is expected.

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

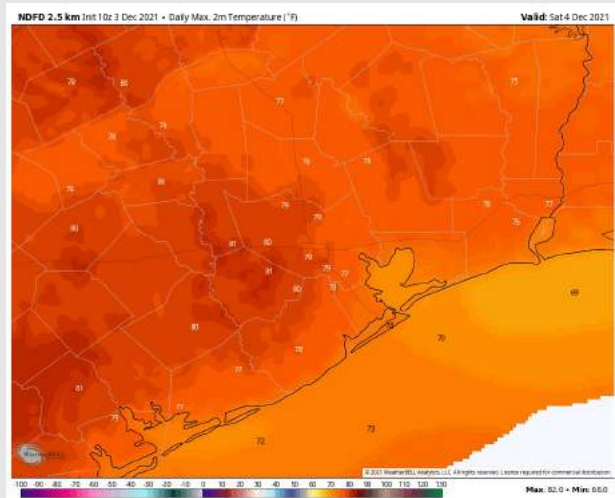
Temps: Saturday's highs should not be all that different with highs in the low to mid 70s.

Visibility: We are remaining cautious of the fog threat tomorrow AM given the recent model struggles in this regard. Some data is hinting at fog potential for far northern stations, but there is a lack of consensus for this. Best threat looks to be north of our stations in general. Some fine-tuning will be needed in the afternoon update as more hi-res data comes in.

Precip Forecast: 4 PM CT



Wind Speed:
3 PM CT



High Temps
Saturday

Houston Pilots: *Sun. 12/5/2021*



Forecast Discussion

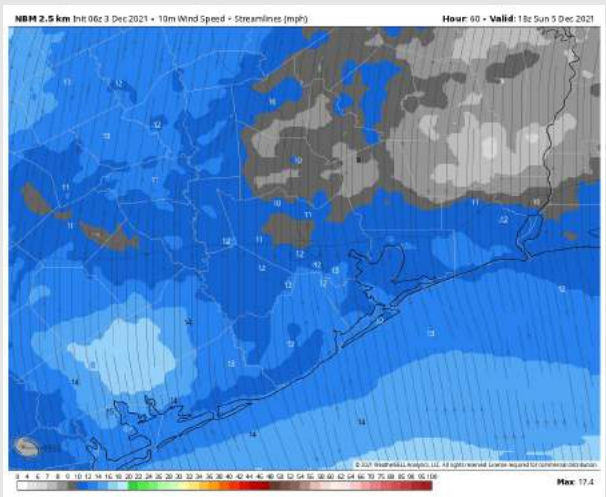
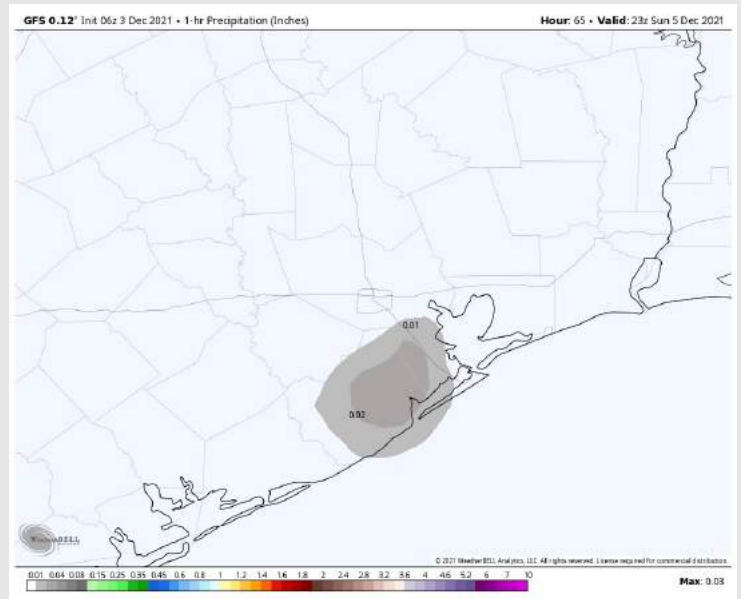
Precip: Once again, 10% chance or less for a light shower in the afternoon with mostly dry conditions favored. Cold front looks to move through the area into the early morning hours of Monday for better precipitation chances.

Wind: Winds look to continue to be out of the SE on Sunday, sustained around 8 – 13 MPH. Gusts around 20 MPH will be possible

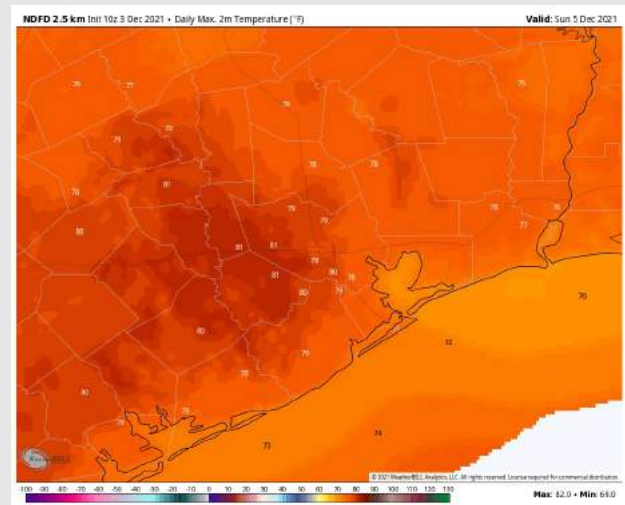
Temps: High Temperatures look to get into the low-to-mid 70's F.

Visibility: Right now not favoring fog for our stations on Sunday. Risk will need to be monitored for low-end potential however.

Visibility Forecast: 5 PM CT

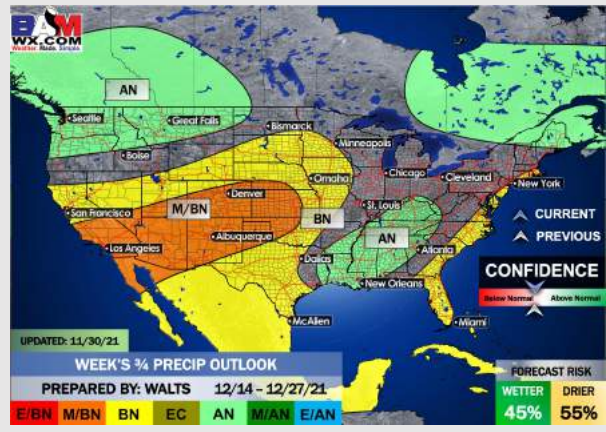
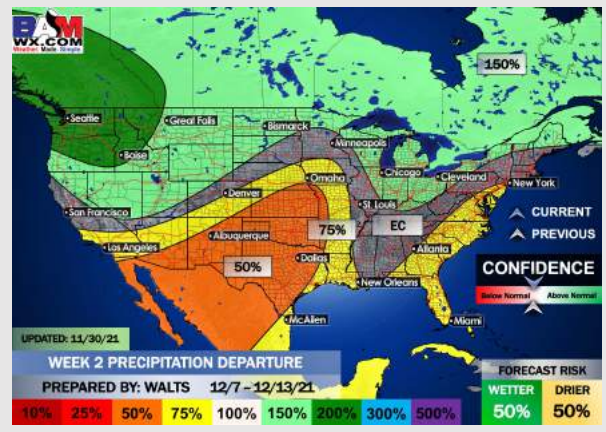
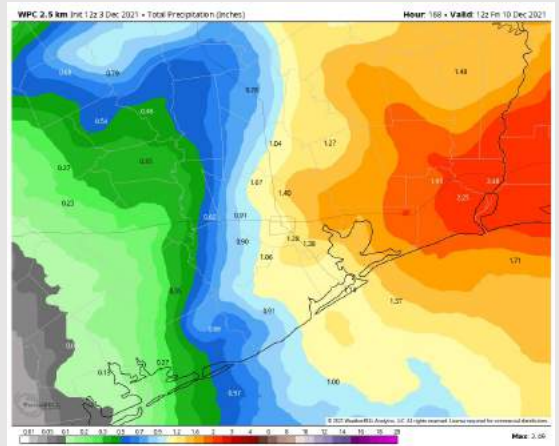
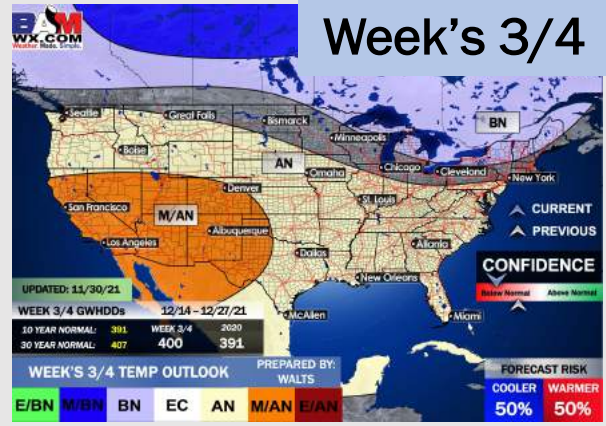
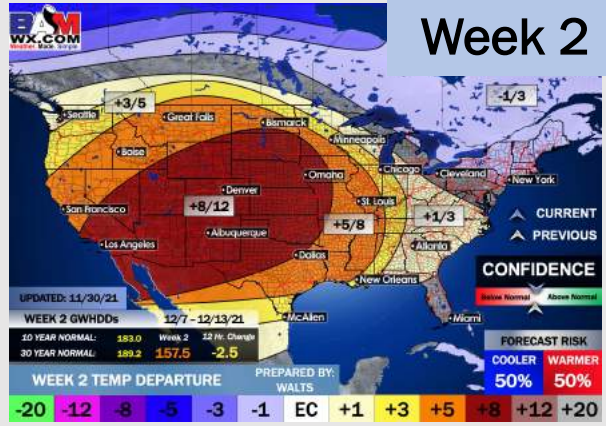
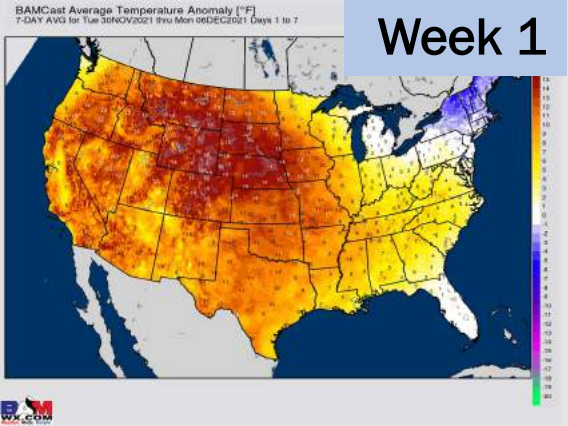


Wind Speed
12 PM CT



High Temps

Houston Pilots: 12/3/21



- A rather inactive week ahead is anticipated. Chances return Monday morning for next precipitation chance. Additional chances for precipitation possible early next week. 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.