

Houston Pilots Forecast Package



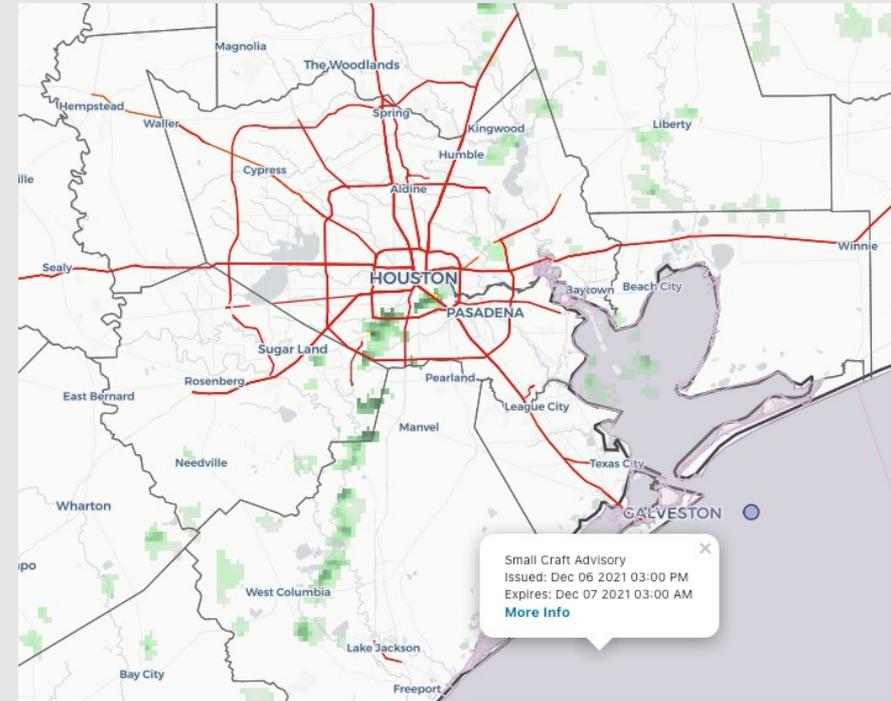
Updated: 5:00 AM CT

Monday, December 6, 2021

Forecaster: Vince Bryan

Weather Headlines

- Cold front works through the area around the ~2-3 PM CT window today bringing stronger winds from the N/NE. A few strong thunderstorms cannot be ruled out.
- This front looks to usher out the fog chances for a few days that we've seen over the past several days.
- A few minor chances of precip will be possible mid-week before the next front on Saturday.



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	12-06-2021 Mon 3am	12-06-2021 Mon 4am	12-06-2021 Mon 5am	12-06-2021 Mon 6am	12-06-2021 Mon 7am	12-06-2021 Mon 8am	12-06-2021 Mon 9am	12-06-2021 Mon 10am	12-06-2021 Mon 11am	12-06-2021 Mon 12pm	12-06-2021 Mon 1pm	12-06-2021 Mon 2pm	12-06-2021 Mon 3pm	12-06-2021 Mon 4pm	12-06-2021 Mon 5pm	12-06-2021 Mon 6pm	12-06-2021 Mon 7pm	12-06-2021 Mon 8pm	12-06-2021 Mon 9pm	12-06-2021 Mon 10pm	12-06-2021 Mon 11pm	12-07-2021 Tue 12am	12-07-2021 Tue 1am	12-07-2021 Tue 2am	12-07-2021 Tue 3am	12-07-2021 Tue 4am	12-07-2021 Tue 5am	12-07-2021 Tue 6am	12-07-2021 Tue 7am	12-07-2021 Tue 8am	12-07-2021 Tue 9am	12-07-2021 Tue 10am	12-07-2021 Tue 11am	12-07-2021 Tue 12pm	12-07-2021 Tue 1pm	12-07-2021 Tue 2pm					
Houston Pilots N - 610 Bridge	6.610	8.204	0.876	8.070	8.037	8.350	8.942	9.964	8.845	6.935	9.294	9.589	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	7.643	8.174	1.468	8.214	7.976	8.231	8.932	9.805	8.628	6.980	9.082	9.543	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	8.845	8.144	6.482	8.209	7.953	8.151	8.857	9.355	9.842	4.143	8.751	9.710	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	4.466	7.914	8.121	8.184	8.131	8.255	8.879	9.383	10.000	9.333	8.581	9.848	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	2.574	7.724	7.999	6.516	8.050	8.097	8.753	9.254	10.000	9.409	8.609	9.872	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	6.846	8.059	8.101	7.742	7.789	7.975	9.280	9.748	10.000	9.232	8.477	9.935	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	7.317	7.324	7.319	6.936	7.322	7.315	7.996	9.262	10.000	6.797	8.600	9.552	9.828	9.763	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	0.602	3.540	4.038	0.125	0.187	0.993	7.587	7.581	8.913	2.671	8.055	8.896	9.043	9.793	10.000	6.920	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	3.983	7.581	7.581	7.581	4.755	7.584	7.523	6.482	8.484	7.011	1.236	8.591	8.498	9.326	9.705	6.920	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 E - 51/52	7.581	7.581	7.581	7.581	7.581	7.581	7.581	4.476	8.215	9.330	5.598	7.920	8.516	8.951	9.355	6.920	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 D - 37/38	7.581	7.581	7.581	7.581	7.581	7.581	7.581	7.581	8.205	8.886	3.370	7.585	8.642	8.980	9.541	6.920	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 C - 25/26	7.590	7.590	7.589	7.715	7.585	7.581	7.611	7.969	7.600	7.968	8.675	7.581	8.651	8.902	9.453	6.920	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 B - 11/12	7.581	7.581	7.581	7.581	7.581	7.581	7.627	7.793	8.195	8.251	8.891	3.489	8.676	8.676	8.972	6.920	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 A - 1 & 2 Bravo	7.581	7.581	7.581	7.581	4.327	7.581	7.581	7.581	7.581	7.581	7.581	4.238	8.424	8.392	8.862	6.920	8.988	8.988	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	

Data looks to be trying to pick up on a few pockets of reduced visibility via precipitation.

Houston Pilots Extended Range Visibility Report



Thursday, 12/9/21

While model data is not seeing any fog threat, there is onshore flow and a good surge of moisture that would at least keep this period worth watching for some fog.



Friday, 12/10/21

Similar to Thursday, Friday needs at least monitored. Currently think winds may be slightly be too elevated for fog chances, but do not want to write off chances this early given the signals persisting that were mentioned for THU.



Saturday, 12/11/21

Fog is currently not favored, however we'll need to watch the timing of a front on Saturday for potential visibility issues with precip.



Daily Fog Chance

Thursday AM	Possible
Possible	Possible
Saturday AM	Unlikely

Houston Pilots: Mon. 12/6/2021



Forecast Discussion

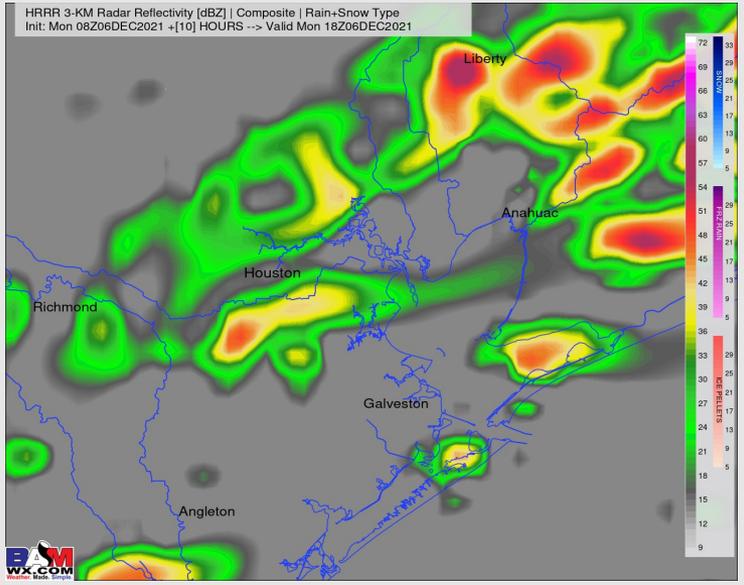
Precip: Scattered pockets of showers will continue to hang around the area this morning out ahead of the main front. Currently anticipating the front with the main line of showers/thunderstorms to arrive by the noon - 1PM timeframe with precip continuing through around the 2-3 PM period. Beyond this, a sprinkle or two cannot be ruled out but conditions look drier than the AM hours. A stronger storm with lightning and a heavy downpour will be possible for the area. Briefly reduced visibility will be possible under a heavier storm.

Wind: Sustained winds look to be 10-15 MPH out of the S/SW for the rest of the AM at the boarding station. Once the main front arrives ~2-3 PM, winds pick up to 23-28 MPH out of the N/NE at the boarding station with gusts 28 - 33 MPH possible through midnight.

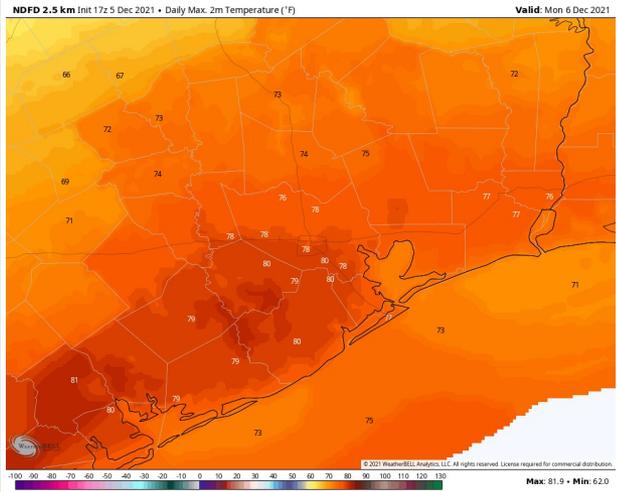
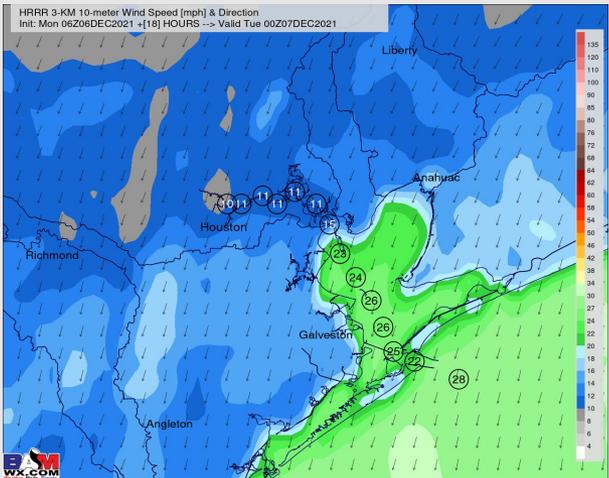
Temps: High temperatures look to be in the mid to upper 70s F on Monday.

Visibility: Precipitation today will bring the potential to see reduced visibility.

Precip Forecast: 12 PM CT



Wind Speed
6 PM CT



High Temps

Houston Pilots: Tue. 12/7/2021



Forecast Discussion

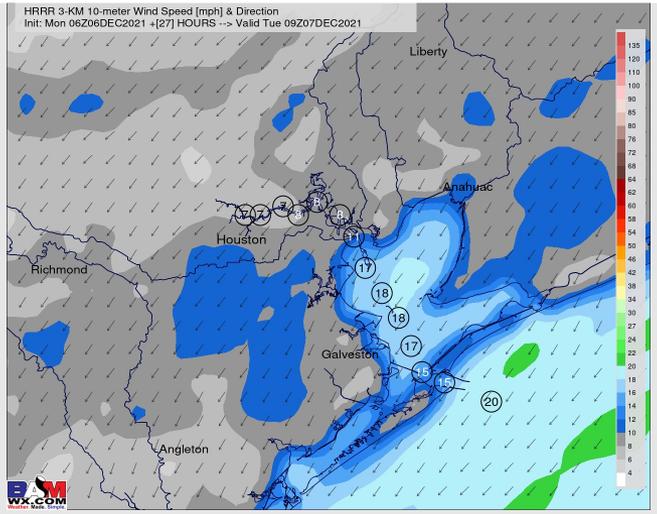
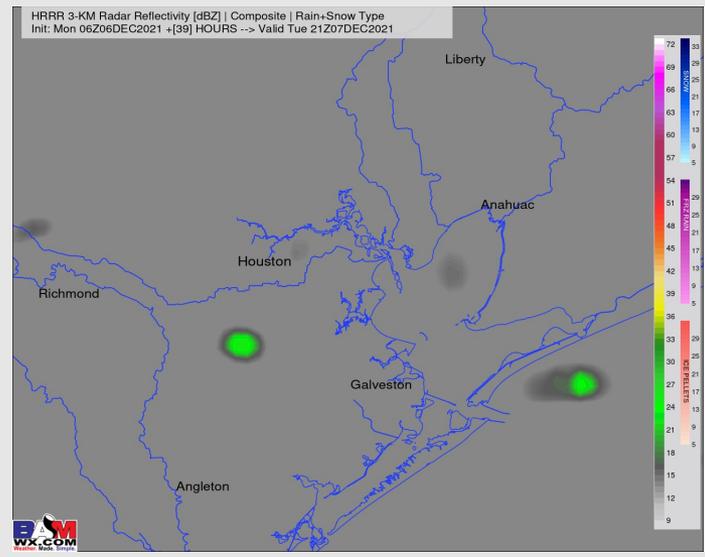
Precip: Favoring more dry time than not for our Tuesday with data suggestive of a few light and isolated showers (~20-30% chances) from mid AM – early PM.

Wind: Winds will start out in the very early morning hours at 15-20 MPH with gusts to 25 MPH possible from the NE. Winds then weaken around ~8 AM to 10-15 MPH sustained before calming to 5-10 MPH beyond this for the rest of the day while still coming out of the NE.

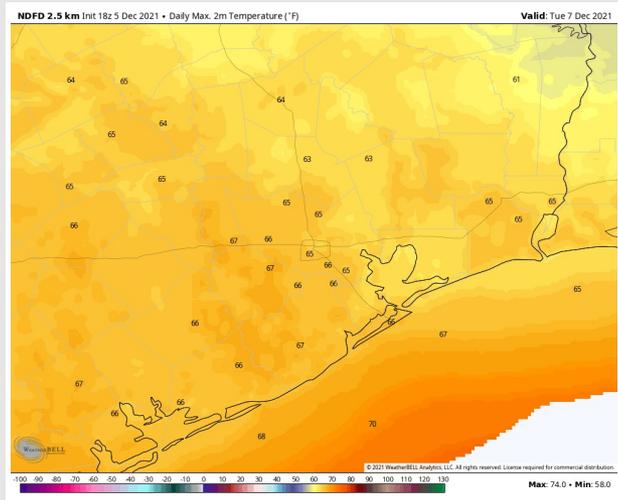
Temps: High temperatures Tue look to sit in the mid 60s F.

Visibility: Currently not anticipating fog for our stations on Tuesday.

Precip Forecast: 1 PM CT



Wind Speed:
3 AM CT



High Temps
Tuesday

Houston Pilots: Wed. 12/8/2021



Forecast Discussion

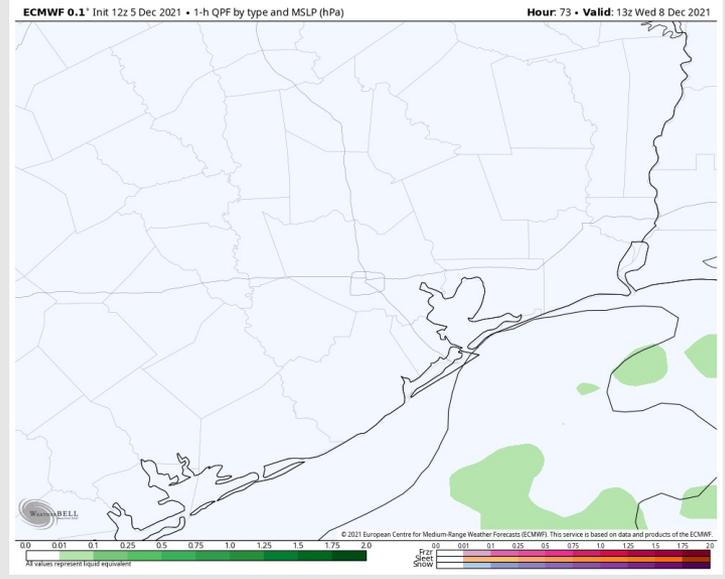
Precip: A 10-20% chance of an isolated shower in the morning hours of Wed for the boarding station, however, most precip looks to stay offshore. Favoring a quiet afternoon.

Wind: Sustained winds look to be 3-8 MPH at the boarding station for the AM and closer to 5-10 MPH for the second half of the day at the boarding station. Gusts to 15 MPH beyond sundown. Winds look to back from the south to the NE through the AM hours, and veer to the E/SE as we progress through the PM.

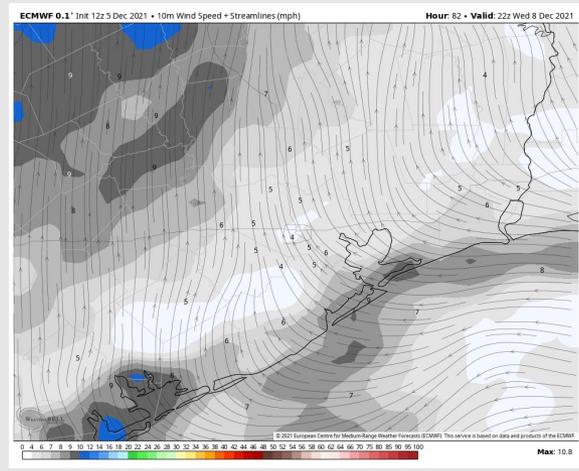
Temps: High temperatures Wed look to sit in the low 70s F.

Visibility: A low end threat of fog exists for Wednesday, something to keep an eye on moving forward.

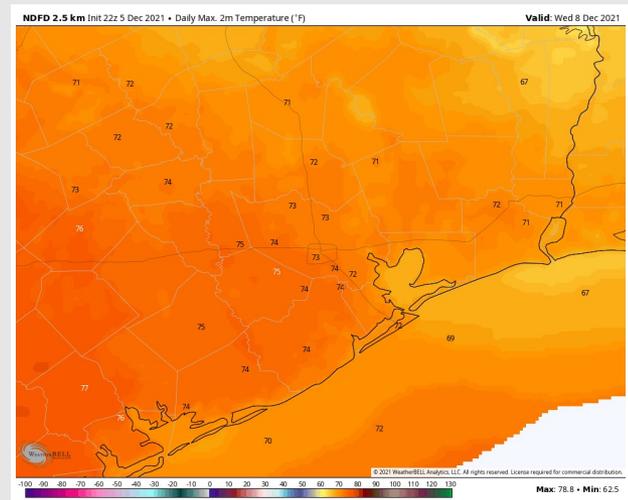
Precip Forecast: 7 AM CT



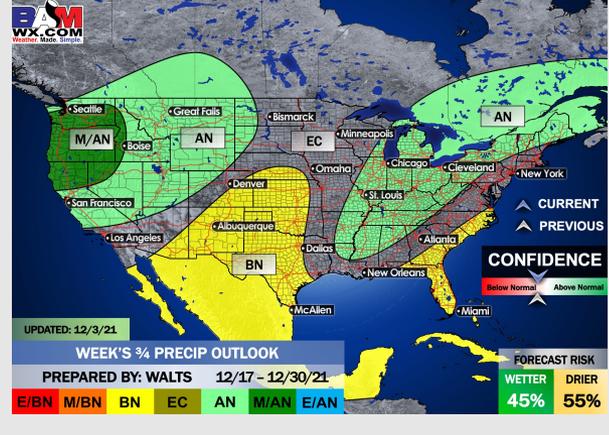
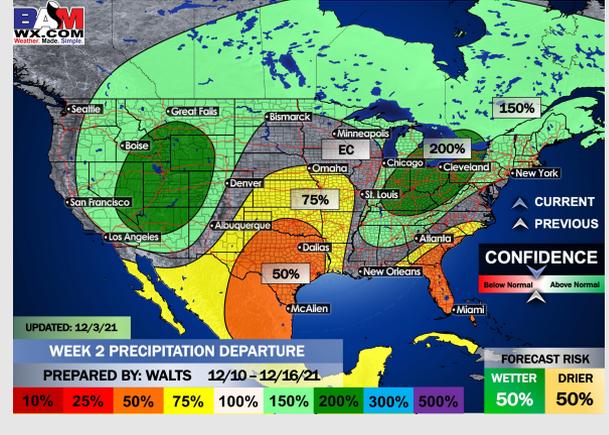
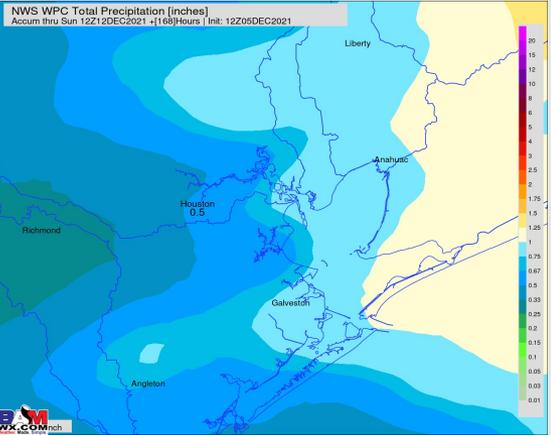
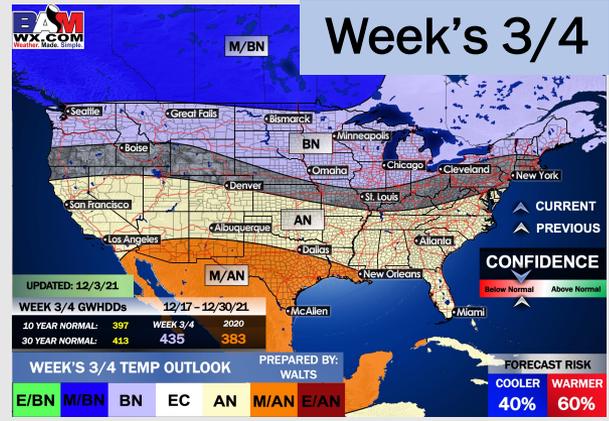
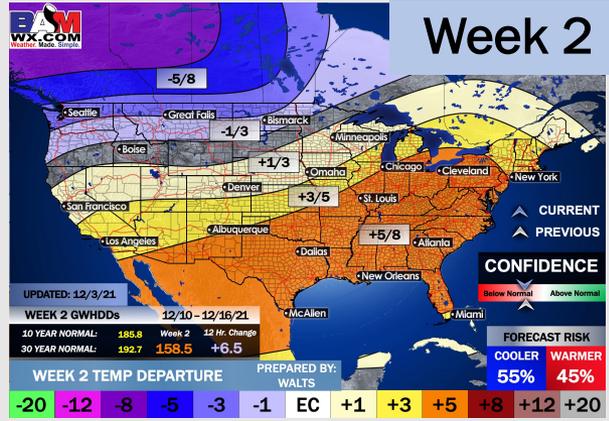
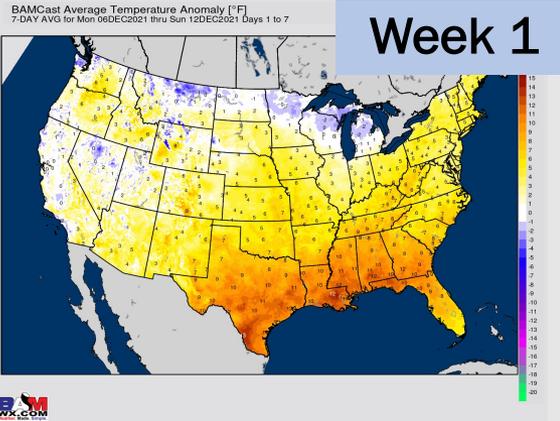
Wind Speed
4 PM CT



High Temps
Wednesday



Houston Pilots: 12/6/21



- Best chances for precip will come today with the passing of the cold front. A few minor chances will be possible into mid-week, however totals do not look very impressive at all with any mid-week disturbances. 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 above normal risks for temperatures and near normal to slightly below normal risks for precip for the middle of December.