

Houston Pilots Forecast Package



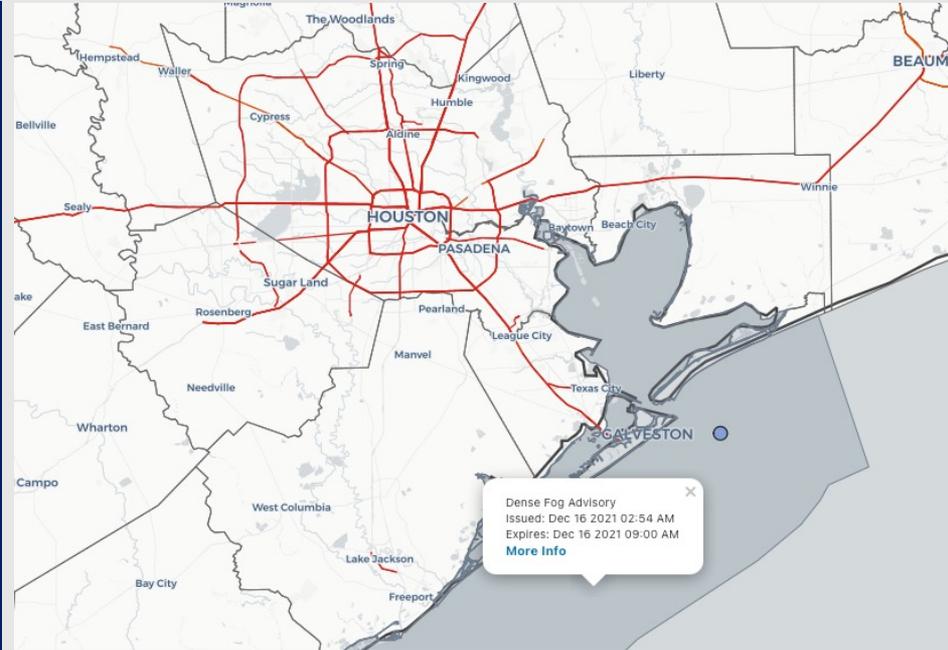
Updated: 6:00 AM CT

Thursday, December 16, 2021

Forecaster: Vince Bryan

Weather Headlines

- Dense Fog Advisory for most stations through 9 AM CT.
- Daily fog chances likely continue into the weekend
- Anticipating a generally quieter rest of the work week with only minor chances of rather light pockets of drizzle/light showers.
- Temps will continue to remain above average for the week.



Radar/ NWS Alerts: 6:00 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



Confidence



Time	12-16-2021 Thu 3am	12-16-2021 Thu 4am	12-16-2021 Thu 5am	12-16-2021 Thu 6am	12-16-2021 Thu 7am	12-16-2021 Thu 8am	12-16-2021 Thu 9am	12-16-2021 Thu 10am	12-16-2021 Thu 11am	12-16-2021 Thu 12pm	12-16-2021 Thu 1pm	12-16-2021 Thu 2pm	12-16-2021 Thu 3pm	12-16-2021 Thu 4pm	12-16-2021 Thu 5pm	12-16-2021 Thu 6pm	12-16-2021 Thu 7pm	12-16-2021 Thu 8pm	12-16-2021 Thu 9pm	12-16-2021 Thu 10pm	12-16-2021 Thu 11pm	12-17-2021 Fri 12am	12-17-2021 Fri 1am	12-17-2021 Fri 2am	12-17-2021 Fri 3am	12-17-2021 Fri 4am	12-17-2021 Fri 5am	12-17-2021 Fri 6am	12-17-2021 Fri 7am	12-17-2021 Fri 8am	12-17-2021 Fri 9am	12-17-2021 Fri 10am	12-17-2021 Fri 11am	12-17-2021 Fri 12pm	12-17-2021 Fri 1pm	12-17-2021 Fri 2pm
Houston Pilots N - 610 Bridge	8.720	7.996	7.644	7.295	7.249	7.263	9.424	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	9.934	9.151	10.000	9.524	7.985	6.660	6.129	5.565	5.081	3.383	2.162	1.723	0.516	0.239	3.873	6.887	10.000	10.000	10.000	10.000	
Houston Pilots M - Kinder 1	8.435	7.701	7.415	7.055	7.030	7.044	9.129	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	9.630	8.948	10.000	9.397	7.870	6.604	6.008	5.413	4.831	2.988	1.771	1.433	0.546	0.277	3.902	6.898	10.000	10.000	10.000	10.000	
Houston Pilots L - Greens Bayou	8.391	7.645	7.370	6.996	6.971	6.979	8.985	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	9.548	8.865	10.000	9.285	7.727	6.567	5.899	5.283	4.545	2.578	1.300	1.043	0.698	0.441	3.973	6.931	10.000	10.000	10.000	10.000	
Houston Pilots K - Shell Crude	7.727	7.067	6.929	6.342	6.331	6.340	8.352	10.000	10.000	10.000	10.000	10.000	10.000	10.000	9.892	8.986	8.506	9.998	9.014	7.481	6.453	5.691	5.089	4.043	1.954	0.927	0.749	0.832	0.598	4.115	6.942	10.000	10.000	10.000	10.000	
Houston Pilots J - Lynchburg Ferries	7.836	7.160	7.008	6.359	6.348	6.355	8.390	10.000	10.000	10.000	10.000	10.000	10.000	10.000	9.937	9.006	8.507	9.979	9.098	7.549	6.518	5.778	5.121	4.291	1.932	0.890	0.764	0.899	0.656	4.067	6.949	10.000	10.000	10.000	10.000	
Houston Pilots I - Exxon 3	7.512	6.888	6.802	6.040	6.028	6.037	8.065	9.645	10.000	10.000	10.000	10.000	10.000	10.000	10.000	9.439	8.690	8.315	9.783	8.757	7.383	6.589	5.834	4.861	3.804	1.426	1.061	1.056	1.314	1.107	4.280	6.911	9.873	9.955	10.000	10.000
Houston Pilots H - Morgans Point	6.992	6.413	6.361	5.565	5.555	5.566	7.620	9.054	10.000	10.000	10.000	10.000	10.000	10.000	10.000	9.165	8.530	8.241	9.399	8.472	7.379	6.787	6.198	4.662	3.068	1.751	1.719	1.719	2.075	1.927	4.489	6.844	9.608	9.752	10.000	10.000
Houston Pilots G - 75/76	6.366	5.895	5.861	5.181	5.176	5.187	6.997	8.505	10.000	10.000	10.000	10.000	10.000	10.000	10.000	8.909	8.390	8.141	8.998	8.210	7.546	7.106	6.421	4.487	2.425	2.495	2.484	2.492	2.727	2.629	4.534	6.470	9.041	9.267	9.719	10.000
Houston Pilots F - 63/64	5.754	5.203	5.170	4.489	4.490	4.502	6.318	7.744	10.000	10.000	10.000	10.000	10.000	10.000	9.829	8.677	8.275	8.066	8.659	8.064	7.731	7.420	6.416	4.362	2.761	3.265	3.300	3.325	3.181	3.094	4.525	5.936	8.224	8.579	8.978	10.000
Houston Pilots E - 51/52	5.312	4.761	4.721	4.113	4.139	4.205	5.594	7.259	9.289	9.630	9.906	10.000	10.000	10.000	9.048	8.226	8.011	7.856	8.480	7.987	7.795	7.543	6.023	4.329	3.486	3.801	3.813	3.867	3.346	3.132	4.443	5.433	7.345	7.760	7.974	9.531
Houston Pilots D - 37/38	5.000	4.433	4.392	4.149	4.186	4.256	5.221	6.950	9.108	9.421	9.702	10.000	10.000	9.735	8.841	8.164	7.979	7.825	8.475	7.850	7.711	7.468	5.432	4.484	4.169	4.219	4.271	4.323	3.586	2.942	4.495	5.327	6.681	7.151	7.199	8.390
Houston Pilots C - 25/26	5.082	4.676	4.637	4.423	4.512	4.731	5.514	7.047	8.832	9.105	9.402	9.681	9.769	9.407	8.636	8.070	7.915	7.765	8.353	7.812	7.742	7.555	5.479	4.955	4.559	4.903	4.903	4.957	4.440	3.686	4.986	5.608	6.481	6.879	6.945	7.788
Houston Pilots B - 11/12	4.738	4.483	4.443	4.167	4.319	4.403	4.884	6.537	8.304	8.526	8.759	8.856	8.842	8.581	8.094	7.795	7.736	7.672	8.239	7.891	7.838	7.763	5.809	5.415	4.727	5.415	5.415	5.438	5.151	4.585	5.444	5.840	6.367	6.684	6.729	7.350
Houston Pilots A - 1 & 2 Bravo	4.322	4.351	4.313	4.139	4.316	4.343	4.682	6.557	7.918	8.107	8.292	8.202	8.038	7.923	7.727	7.638	7.615	7.612	8.072	8.000	7.993	7.991	7.009	6.919	6.028	6.919	6.919	6.919	6.847	6.767	6.925	6.803	6.902	7.010	7.087	7.429

More fog/ reduced visibility details on the slides below.

Houston Pilots Extended Range Visibility Report



Sunday, 12/19/21

With elevated winds out of the N/NE, currently not anticipating fog at our stations on Sun.



Monday, 12/20/21

With winds still out of the north on Mon, currently not anticipating fog at our stations for Mon AM.



Tuesday, 12/21/21

Tuesday's winds look to be out of the NE, so fog is not favored at this distance.



Daily Fog Chance

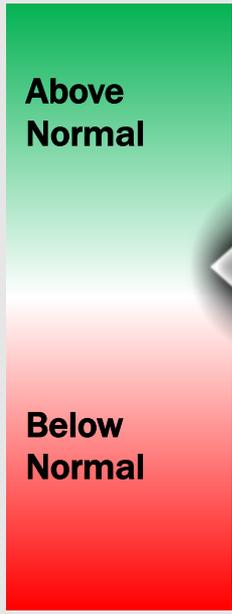
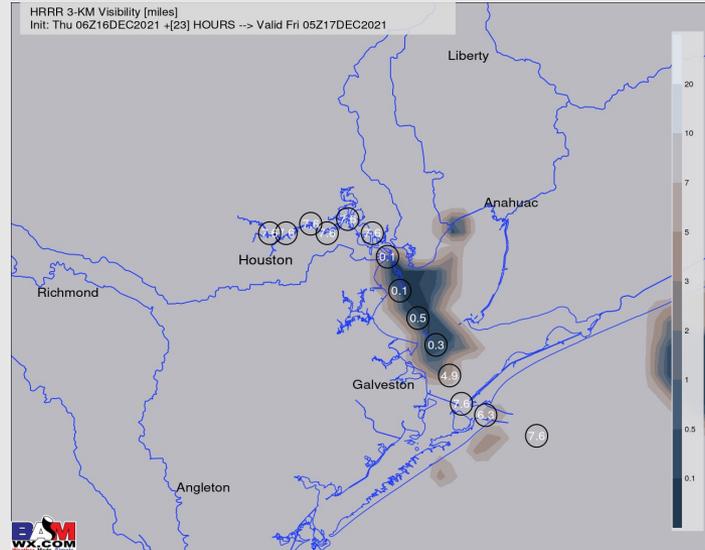
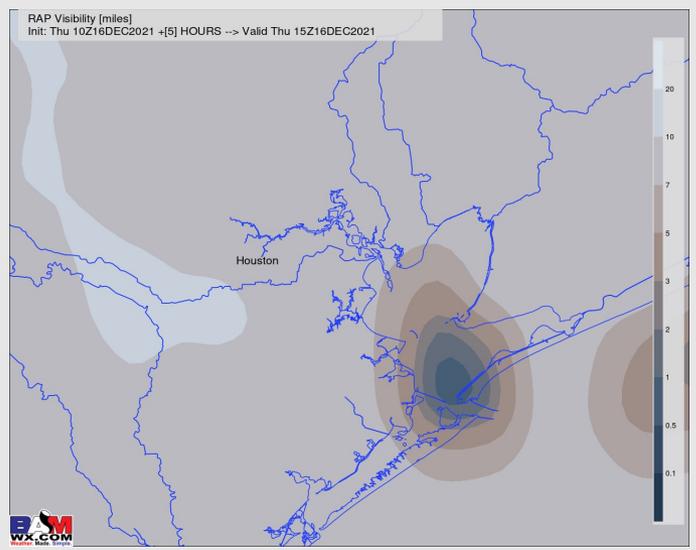
Sunday AM	Unlikely
Monday AM	Unlikely
Monday AM	Unlikely

Houston Pilots Visibility Report



10 AM CT THU Visibility (miles) 11 PM CT THU Visibility (miles)

Confidence



Fog Threat

CURRENT - 12 AM FRI **Medium**

- Any reduced visibility this morning has been coming in the form of a lower cloud deck rather than dense fog. While a few isolated pockets of fog South of Morgan's Point cannot be fully ruled out through ~9-10 AM, we think most stations can stay clear of fog and would rather just be a lower cloud deck.
- Working beyond this time and into the late AM/ early PM hours, any reduced visibility would likely be coming via visibilities of 3-6 miles thanks to a lower cloud deck, but any fog is favored to stay East of the boarding station. This is something we will have to keep a close eye on.
- As it stands now, the potential for sea fog to try and build back along the Gulf Coastline likely would not happen until closer to the midnight timeframe tonight. Biggest risk to watch would be if fog can develop a few hours sooner than Midnight for stations from Morgan's Point to 25/26, but right now that is not favored.

Houston Pilots: Thu. 12/16/2021



Forecast Discussion

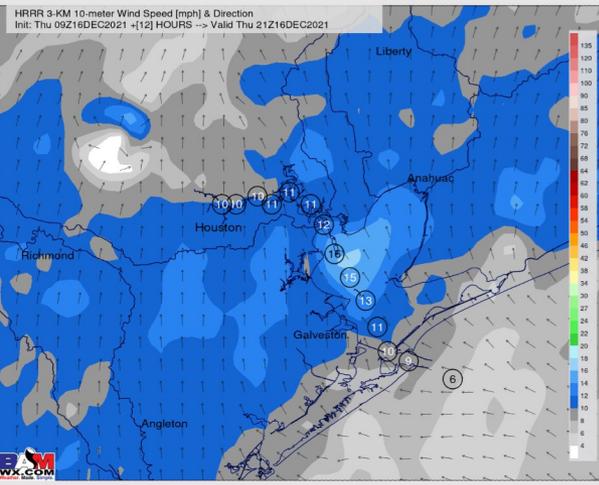
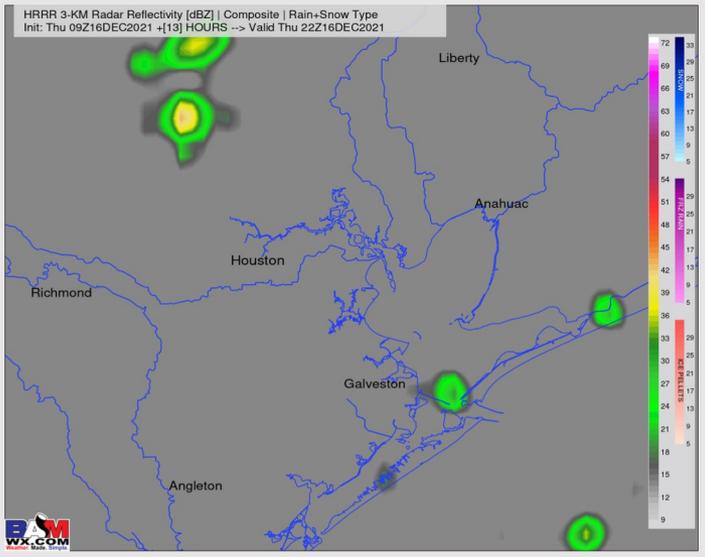
Precip: A 10-20% chance of a few spotty pockets of sprinkles are possible at just about any point on Thu. Any precip would likely be rather brief and quite light.

Wind: Sustained winds look to be 8-13 MPH out of the SE for most of the day on Thu at the boarding station. Gusts 15-20 MPH will be possible at the boarding station throughout the day.

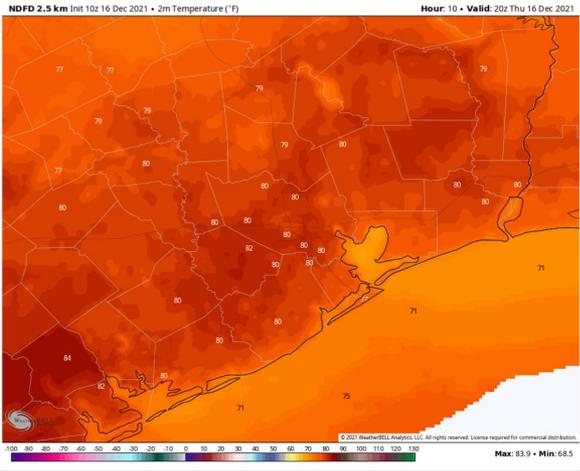
Temps: High temps look to be in the upper 70s to low 80s F on Thu.

Visibility: Check slides above for more details.

Precip Forecast: 4 PM CT



Wind Speed
3 PM CT



High Temps
Today

Houston Pilots: *Fri. 12/17/2021*



Forecast Discussion

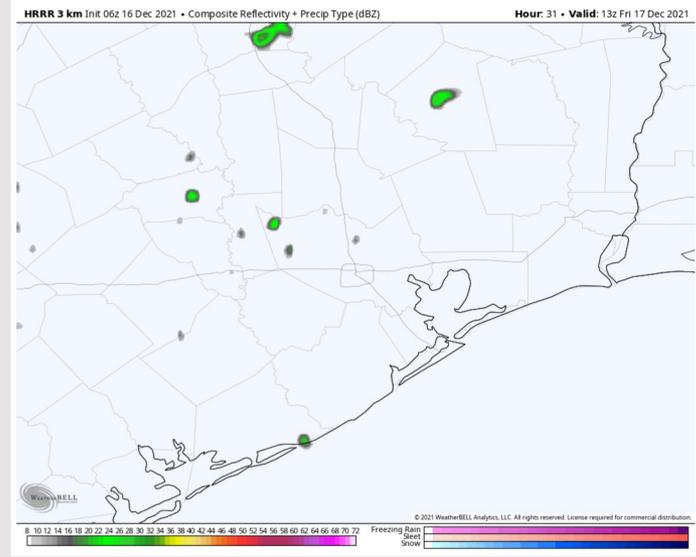
Precip: With continued onshore flow, low level moisture will allow for these pesky 10-20% chances of a brief sprinkle to show up at any point on Friday.

Wind: Sustained winds look to be 8-13 MPH out of the SE for most of the day on Fri at the boarding station. Gusts 15-20 MPH possible at the boarding station throughout the day.

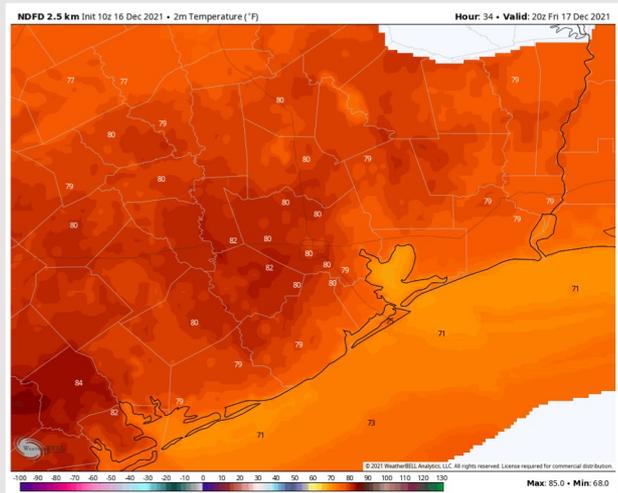
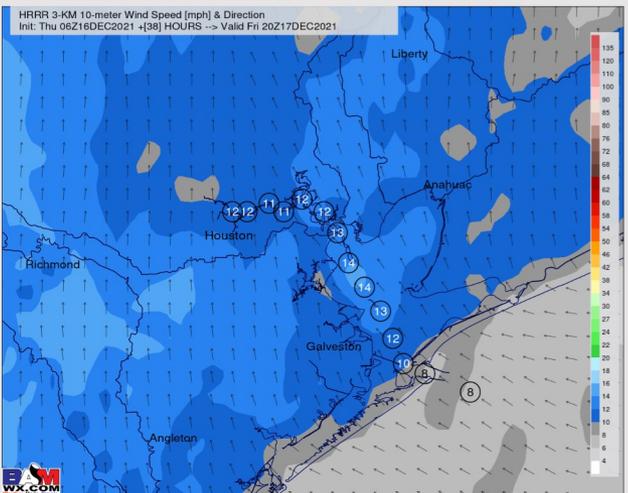
Temps: High temperatures Fri look to be in the upper 70s to low 80s F.

Visibility: The potential for sea fog Thu night into Fri AM continues to be possible with SE onshore flow. Keeping an eye on this in further updates.

Precip Forecast: 7 AM CT



Wind Speed:
2 PM CT



High Temps
Friday

Houston Pilots: Sat. 12/18/2021



Forecast Discussion

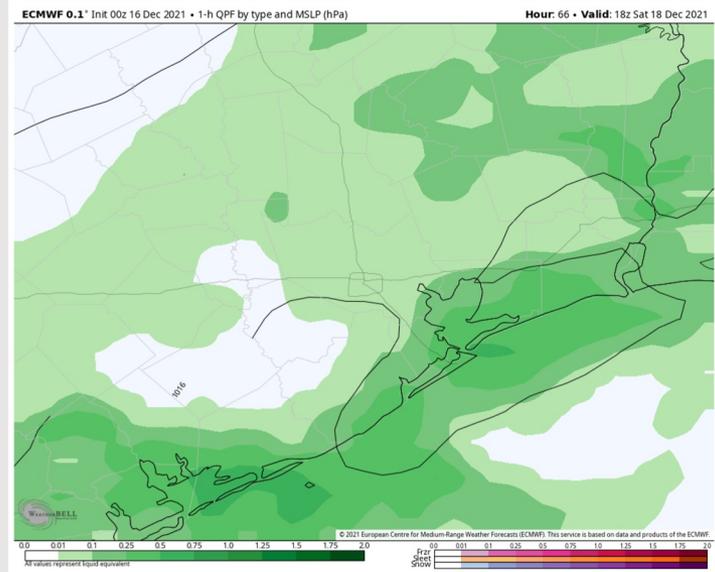
Precip: With a front passing in the late morning hours, precip is expected to begin ahead of the front ~5-7AM and continue throughout the day until chances decrease ~7 PM.

Wind: Calm winds begin out of the S before the passing of the front, changing wind directions to be out of the NW ~11AM. Winds shift again out of the NE in the afternoon hours and pick up to be 20-25MPH, with gusts up to 36MPH.

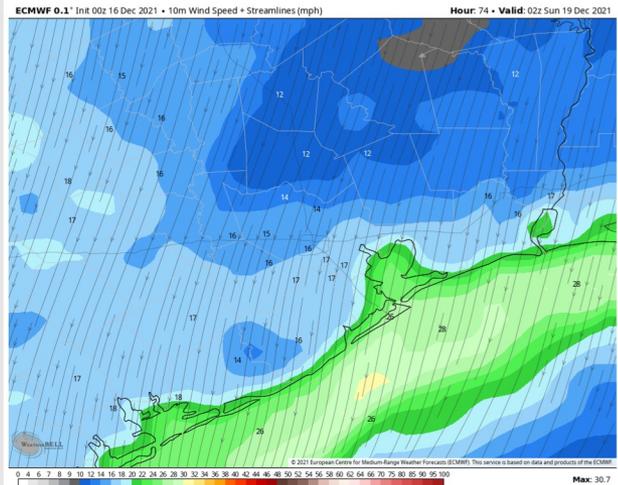
Temps: High temperatures Sat look to be in the upper 60s before the passing of the cold front.

Visibility: Visibility may be reduced throughout the day from showers.

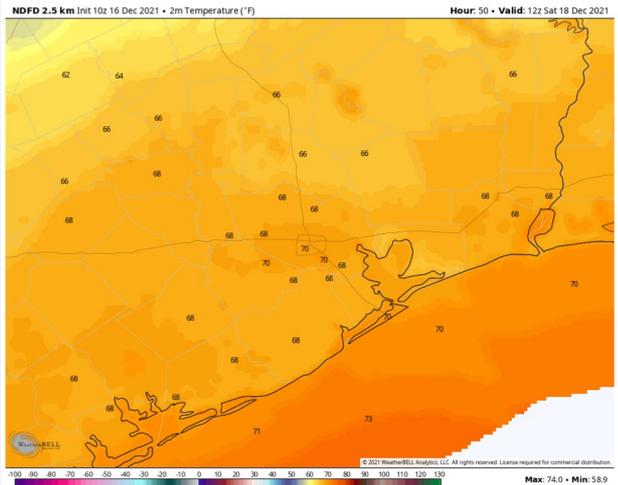
Precip Forecast: 12 PM CT



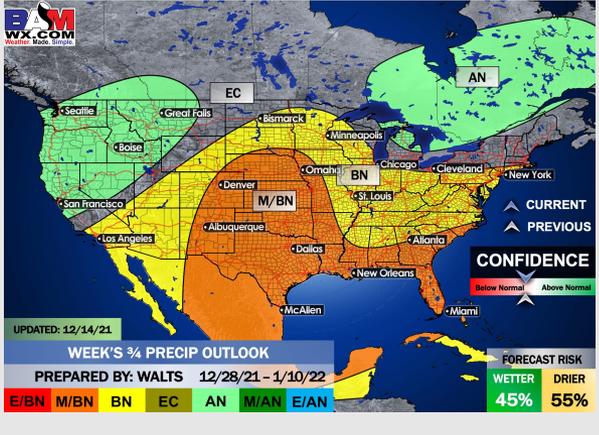
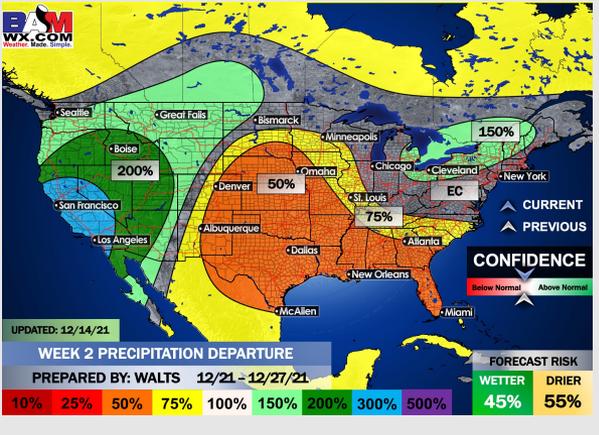
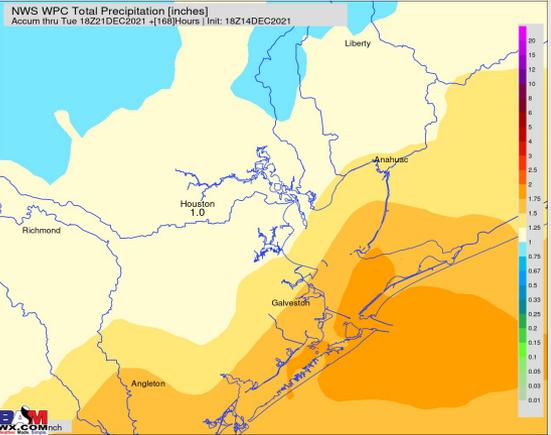
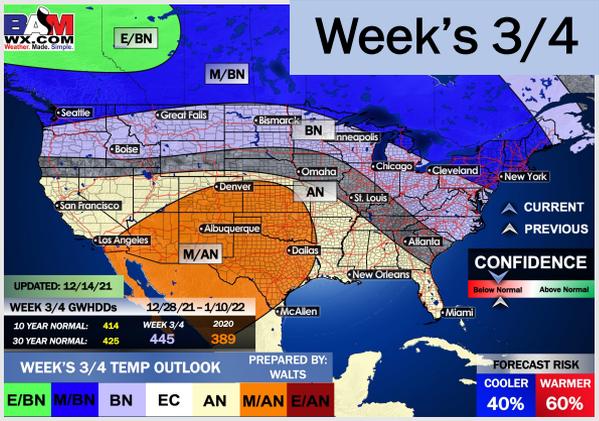
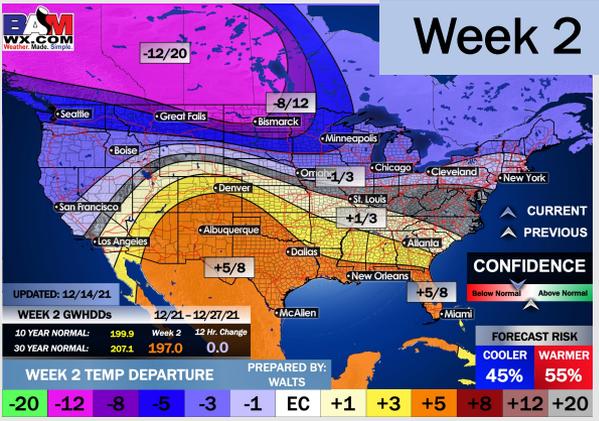
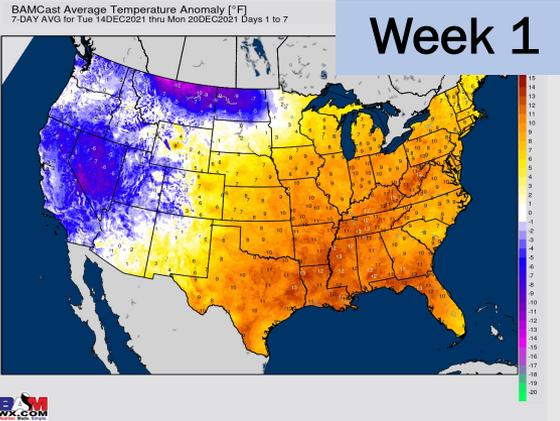
Wind Speed
8 PM CT



High Temps
Saturday



Houston Pilots: 12/16/21



- Minor precip chances over the next few days thanks to the return of onshore flow and low level moisture. Better chances of seeing precip come with a front in the upcoming weekend. Temps remain above average this week.
- The week 2 timeframe is expected to have above normal temperatures and below normal risks for precipitation.
- Right now, we are favoring above normal risks for temperatures and near normal to below normal risks for precip for the end of December and the first week of Jan.