

Houston Pilots Forecast Package



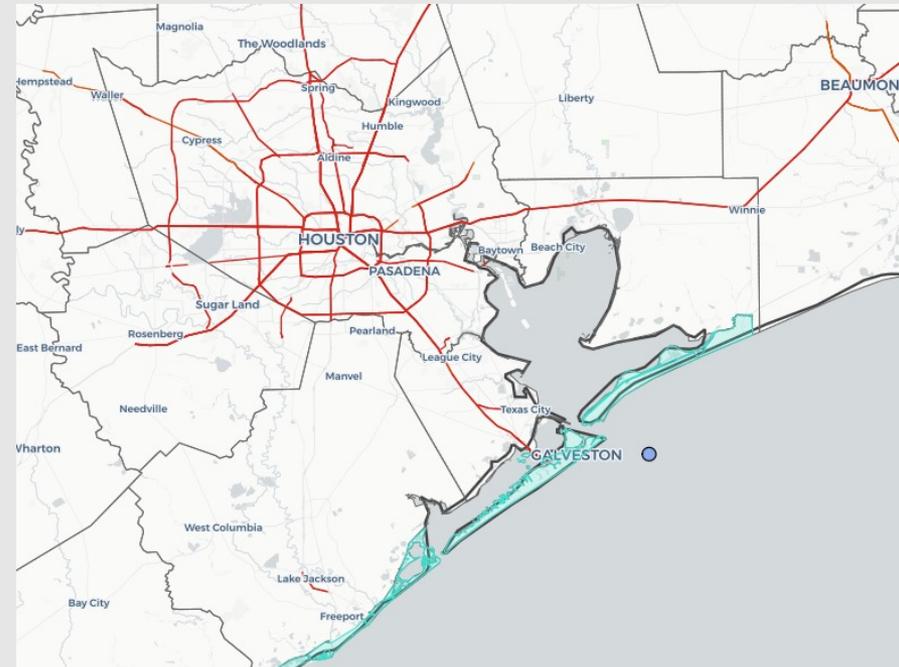
Updated: 5:00 AM CT

Tuesday, December 28, 2021

Forecaster: Vince Bryan

Weather Headlines

- Low end, light shower chances the next few days will be possible, but no notable precip is favored for the next several days.
- Continuing to eye THU AM for increased fog potential.
- Winds continue out of the South/ SW for most of the week. Winds become elevated Friday, with a front passing of the front Saturday PM that will shift winds out of the N. Peak winds look to come late Sat night – Sunday AM.



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	12-29-2021 Wed 3am	12-29-2021 Wed 4am	12-29-2021 Wed 5am	12-29-2021 Wed 6am	12-29-2021 Wed 7am	12-29-2021 Wed 8am	12-29-2021 Wed 9am	12-29-2021 Wed 10am	12-29-2021 Wed 11am	12-29-2021 Wed 12pm	12-29-2021 Wed 1pm	12-29-2021 Wed 2pm	12-29-2021 Wed 3pm	12-29-2021 Wed 4pm	12-29-2021 Wed 5pm	12-29-2021 Wed 6pm	12-29-2021 Wed 7pm	12-29-2021 Wed 8pm	12-29-2021 Wed 9pm	12-29-2021 Wed 10pm	12-29-2021 Wed 11pm	12-30-2021 Thu 12am	12-30-2021 Thu 1am	12-30-2021 Thu 2am	12-30-2021 Thu 3am	12-30-2021 Thu 4am	12-30-2021 Thu 5am	12-30-2021 Thu 6am	12-30-2021 Thu 7am	12-30-2021 Thu 8am	12-30-2021 Thu 9am	12-30-2021 Thu 10am	12-30-2021 Thu 11am	12-30-2021 Thu 12pm	12-30-2021 Thu 1pm	12-30-2021 Thu 2pm
Houston Pilots N - 610 Bridge	8.063	7.621	7.662	7.273	8.090	8.629	9.810	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	8.991	6.861	4.939	4.027	2.895	0.477	0.239	0.239	0.239	0.239	0.239	0.239	0.159	3.897	6.921	10.000	10.000	10.000	10.000
Houston Pilots M - Kinder 1	7.999	7.649	7.647	7.274	8.123	8.639	9.843	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	9.038	6.842	4.955	4.046	2.837	0.513	0.267	0.267	0.253	0.240	0.238	0.238	0.159	3.879	6.891	10.000	10.000	10.000	10.000
Houston Pilots L - Greens Bayou	7.672	7.491	7.665	7.278	8.095	8.587	9.660	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	9.056	6.820	5.043	4.163	2.907	0.673	0.377	0.376	0.295	0.245	0.237	0.237	0.159	3.800	6.764	9.969	10.000	10.000	10.000
Houston Pilots K - Shell Crude	7.417	7.167	7.367	7.337	8.033	8.449	9.412	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	8.881	6.735	5.064	4.186	2.742	0.819	0.453	0.453	0.300	0.243	0.235	0.235	0.157	3.711	6.605	9.827	9.971	10.000	10.000
Houston Pilots J - Lynchburg Ferries	6.994	6.764	6.484	7.181	7.854	8.251	9.039	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	8.913	6.755	5.110	4.273	3.005	0.873	0.473	0.471	0.303	0.242	0.234	0.234	0.156	3.676	6.543	9.771	9.940	9.993	9.993
Houston Pilots I - Exxon 3	5.517	5.220	4.785	6.769	6.958	7.426	8.144	9.413	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	9.815	8.597	6.686	5.317	4.510	3.080	1.284	0.690	0.633	0.303	0.235	0.224	0.226	0.143	3.325	5.936	9.167	9.529	9.798	9.798
Houston Pilots H - Morgans Point	4.240	3.621	3.606	5.469	5.669	6.046	7.055	8.103	9.724	10.000	10.000	10.000	10.000	10.000	10.000	10.000	9.441	8.142	6.634	5.684	5.038	3.518	1.967	1.100	0.896	0.322	0.220	0.196	0.212	0.129	2.719	4.925	7.983	8.686	9.442	9.454
Houston Pilots G - 75/76	3.330	2.696	3.027	4.308	4.692	4.861	6.867	7.459	9.407	10.000	10.000	10.000	10.000	10.000	10.000	10.000	9.003	7.301	6.332	5.835	5.328	3.843	2.284	1.365	1.023	0.254	0.196	0.154	0.196	0.115	1.978	3.842	6.388	7.486	8.991	9.013
Houston Pilots F - 63/64	2.225	2.199	2.705	3.309	4.040	4.496	6.781	7.183	9.024	9.871	10.000	10.000	10.000	10.000	10.000	10.000	8.448	6.490	6.010	5.688	5.317	4.077	2.309	1.475	1.041	0.198	0.184	0.118	0.184	0.115	1.372	3.011	4.892	6.411	8.469	8.473
Houston Pilots E - 51/52	1.816	2.664	3.909	4.315	5.102	5.474	7.509	7.694	9.206	9.671	9.905	10.000	10.000	10.000	9.821	10.000	7.818	5.789	5.510	5.187	4.863	3.786	1.869	1.240	0.895	0.180	0.180	0.103	0.180	0.129	1.153	2.656	3.890	5.815	8.019	7.867
Houston Pilots D - 37/38	2.043	3.908	5.021	5.395	6.266	6.690	7.860	8.506	9.091	9.453	9.660	9.934	10.000	10.000	9.188	9.952	7.362	5.547	5.233	4.749	4.352	3.281	1.205	0.739	0.585	0.185	0.185	0.123	0.185	0.156	1.390	2.815	3.632	6.077	7.816	7.230
Houston Pilots C - 25/26	1.688	4.511	5.981	6.284	7.231	7.629	7.772	8.755	8.714	9.016	9.162	9.350	9.813	9.633	8.660	9.694	6.910	5.713	5.449	4.924	4.465	3.007	1.041	0.405	0.349	0.181	0.181	0.141	0.181	0.168	1.194	2.208	3.035	5.968	7.561	6.303
Houston Pilots B - 11/12	0.936	4.038	6.122	6.302	7.497	7.752	7.680	8.473	8.128	8.425	8.499	8.607	8.887	8.891	8.268	9.480	6.341	5.597	5.423	4.717	4.049	2.407	0.797	0.311	0.275	0.174	0.174	0.135	0.174	0.171	0.843	1.502	2.282	5.431	7.170	5.134
Houston Pilots A - 1 & 2 Bravo	0.804	3.327	4.857	6.290	7.481	7.651	7.723	8.137	7.694	7.738	7.717	7.742	7.602	7.824	7.773	9.134	6.034	5.944	5.909	3.494	2.208	0.901	0.236	0.190	0.181	0.162	0.158	0.088	0.162	0.162	0.299	0.431	1.957	5.480	6.934	3.253

More fog/ reduced visibility details on the slides below.

Houston Pilots Extended Range Visibility Report



Saturday, 1/1/22

Elevated winds out ahead of the front will limit any fog development. Currently not anticipating fog.



Sunday, 1/2/22

Not anticipating fog Sun AM with elevated winds out of the north and the front passing through.



Monday, 1/3/22

Currently not anticipating fog at our stations Mon AM, winds continue out of the N/NE.



Daily Fog Chance

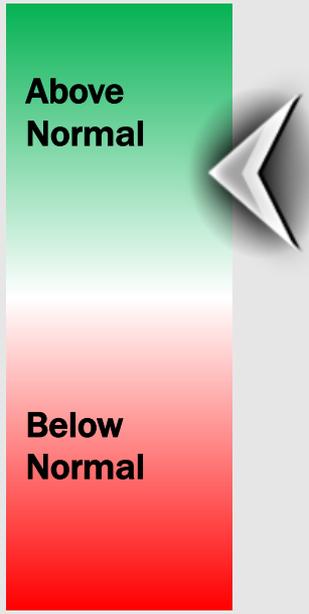
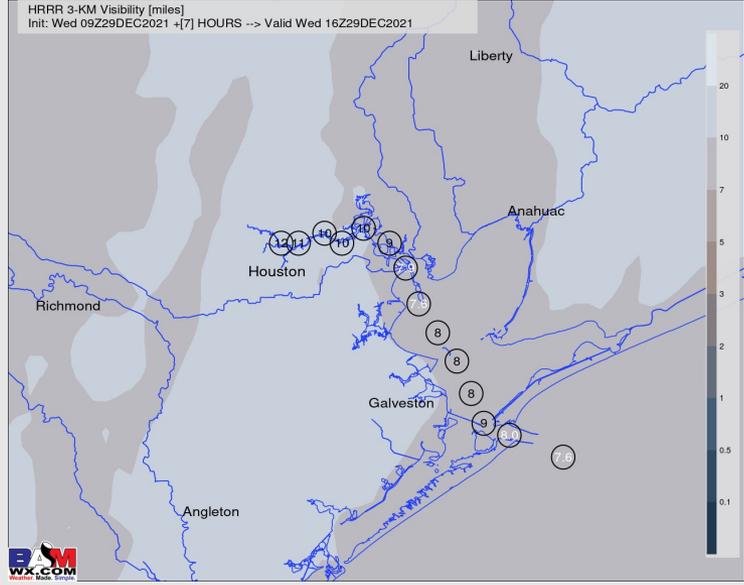
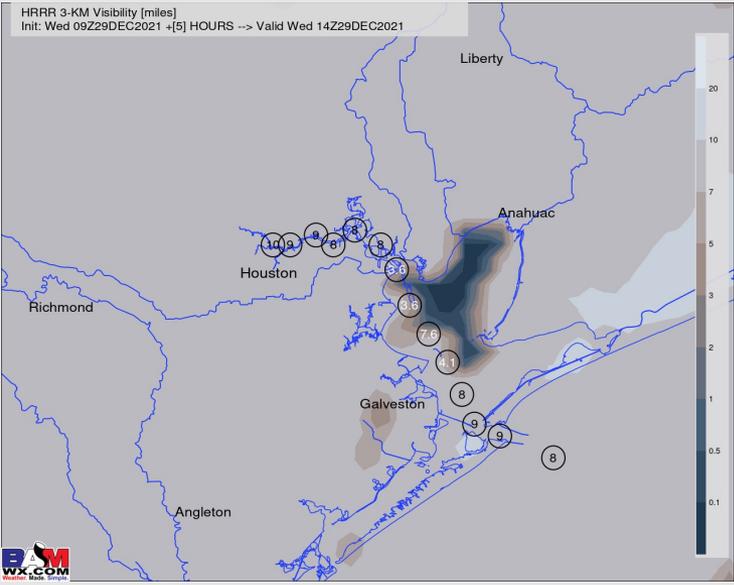
Saturday AM	Unlikely
Sunday AM	Unlikely
Monday AM	Unlikely

Houston Pilots Visibility Report



7 AM CT WED Visibility (miles) 10 AM CT WED Visibility (miles)

Confidence



Fog Threat

CURRENT ~ 9 AM WED **Low - Medium**

- Pockets of reduced visibility will continue to be possible out through the morning hours of today, ~9 AM.
- Reduced visibility coming in the form of patchy fog for stations south of Morgan’s Point is still possible, however latest observations around the area appear to be more on the order of lower clouds and 3-6 mile visibilities vs dense fog.
- For the rest of the day, there may be periods of reduced visibilities to 5-6 miles, but not favoring any fog to linger into the day.

Forecast Discussion

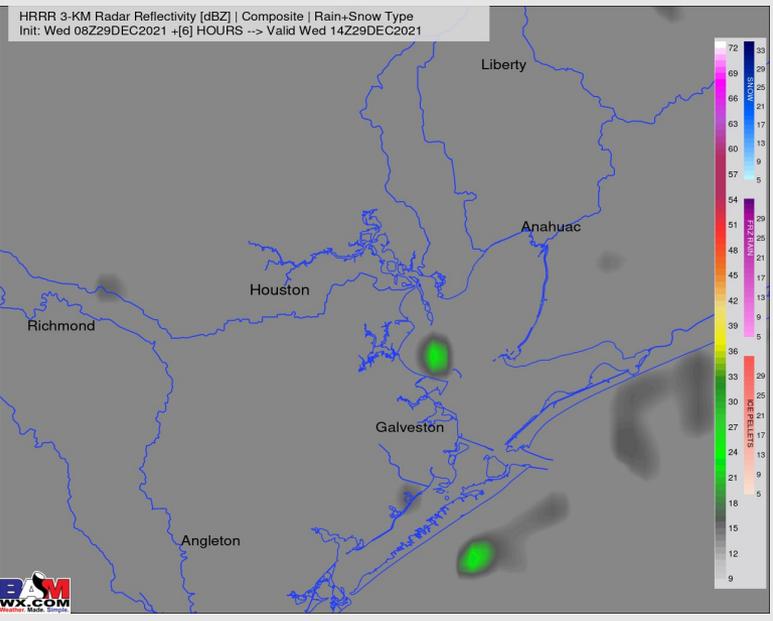
Precip: Similar to yesterday, there is a low end shot ~20% of a few isolated pockets of light moisture working onshore through the day.

Wind: Winds most of today will continue coming out of the S/SSW with sustained winds 8-13 MPH with a few gusts to 15 MPH. Around 10 PM tonight is when winds likely calm to 3-8 MPH and become variable in direction.

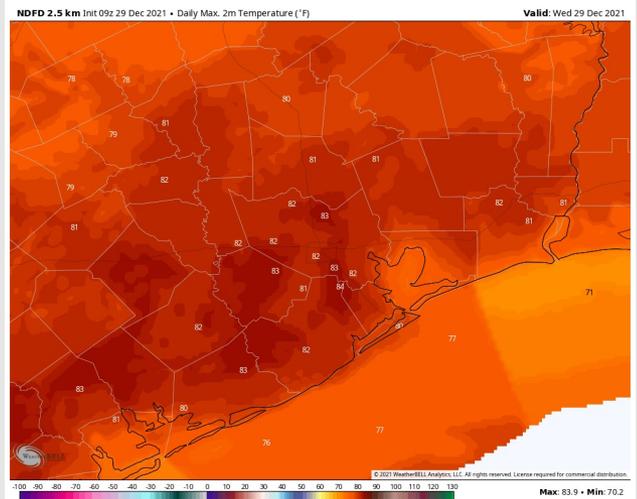
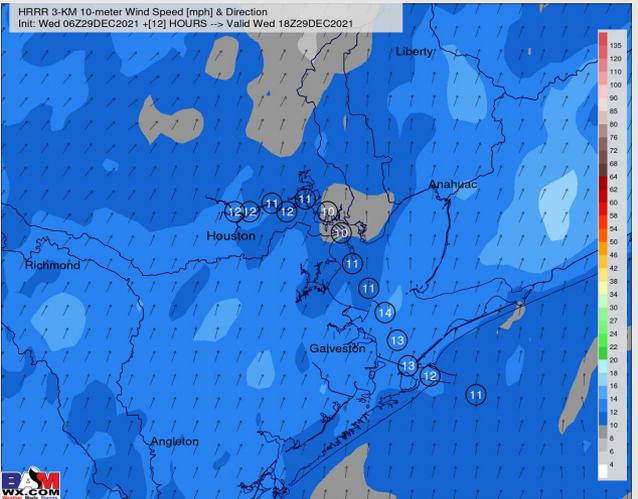
Temps: Temps will be rather persistent with highs in the upper 70s to lower 80s.

Visibility: Any reduced visibility this AM will slowly lift, more details in the slides above.

Precip Forecast: 8 AM CT



Wind Speed
12 PM CT



High Temps

Houston Pilots: Thu. 12/30/2021



Forecast Discussion

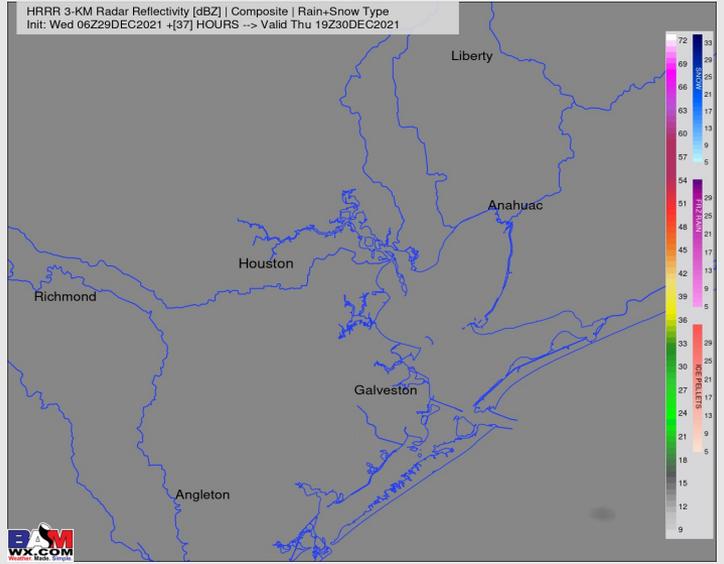
Precip: At most a 10% chance of a light shower in the AM hours of Thu, but Thursday is expected to stay predominately dry.

Wind: Sustained winds for most of the day look light, 3-8 MPH out of the SE/ESE after 10 AM. Around 4 PM winds look to start picking up at 5-10 MPH sustained at the boarding station.

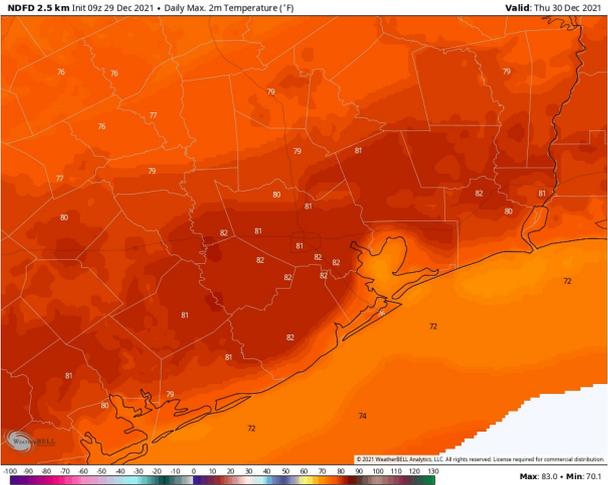
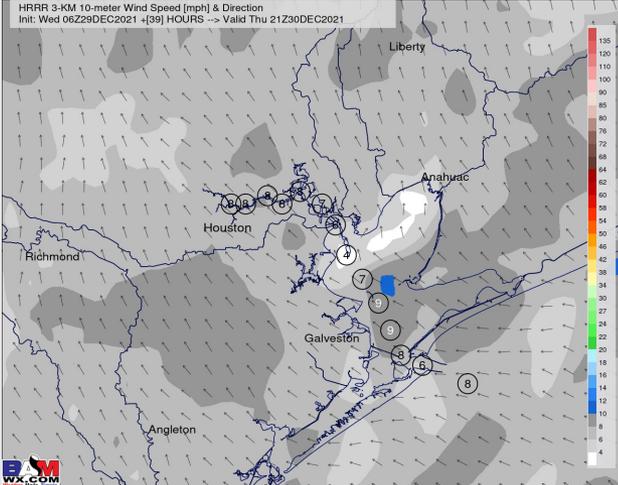
Temps: Highs Thursday will top out in the upper 70s to lower 80s.

Visibility: Confidence is increasing of more widespread fog potential starting late tonight (Wednesday) and going into the AM hours of Thursday. More details on the fog slides above.

Precip Forecast: 1 PM CT



Wind Speed:
3 PM CT



High Temps
Thursday

Houston Pilots: *Fri. 12/31/2021*



Forecast Discussion

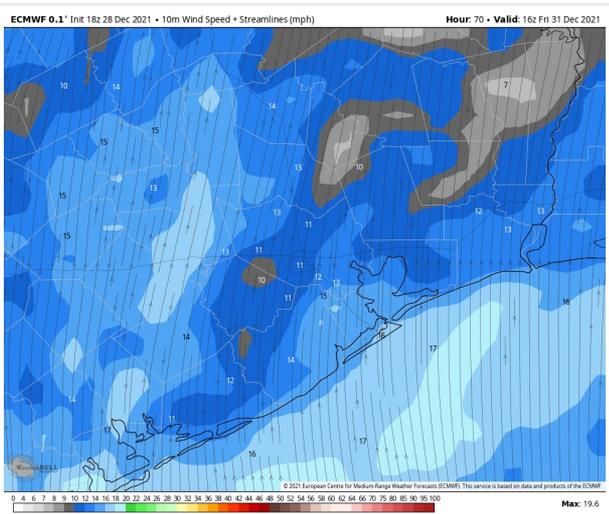
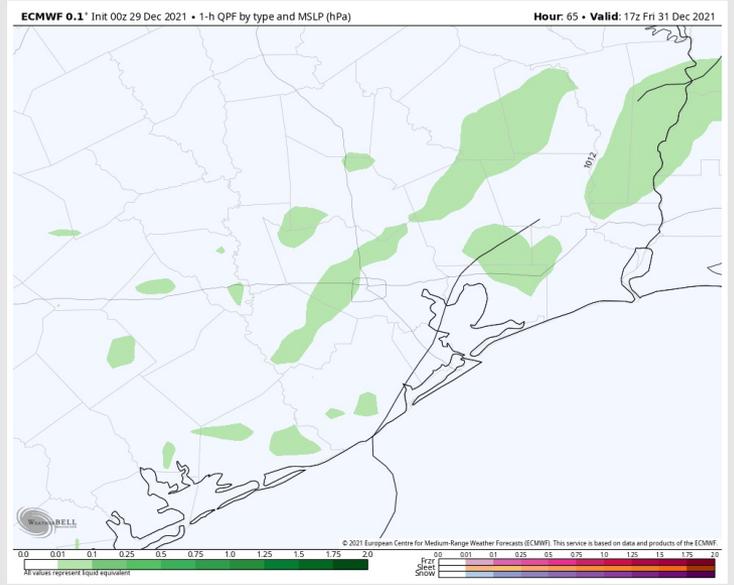
Precip: A 10-20% chance of a few isolated showers looks to be possible in the AM to early PM hours of Fri for the northern stations, but most likely do not see precip.

Wind: Sustained winds look to be 10-15 MPH out of the south with gusts 15-20 MPH at the boarding station in the early-mid AM hours of Fri. By the 8-9 AM timeframe, winds look to pick up to 15-20 MPH sustained with gusts 20-25 MPH possible at the boarding station through sundown. Around sundown sustained winds look to pick up again around 18-23 MPH with gusts 23-28 MPH possible at the boarding station into the overnight. Winds remain out of the south.

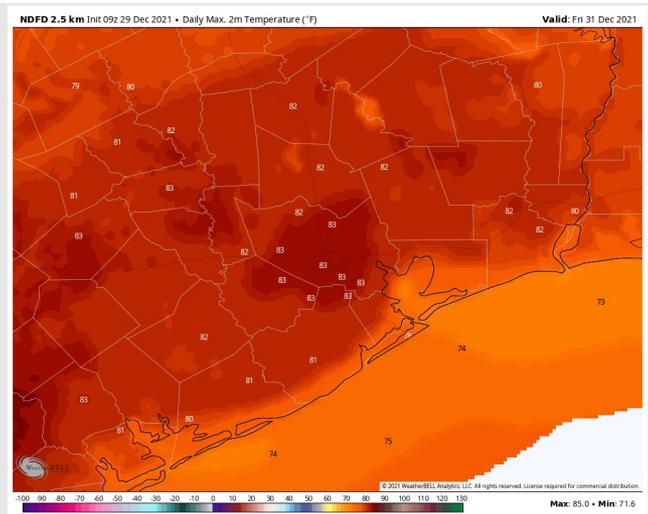
Temps: High temps on Fri look to once again be in the upper 70s to low 80s F.

Visibility: While fog is current not favored for Friday AM, it is something to at least keep an eye on with future reports.

Precip Forecast: 11 AM CT

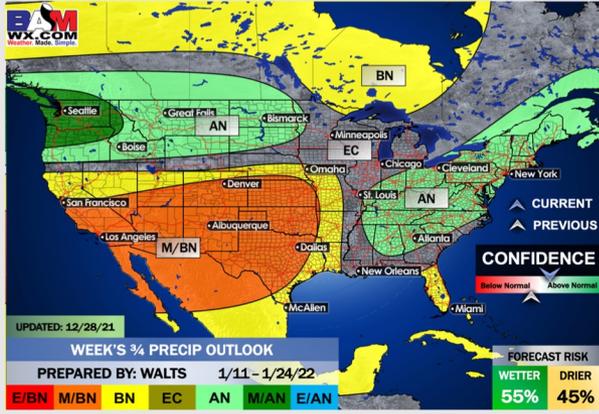
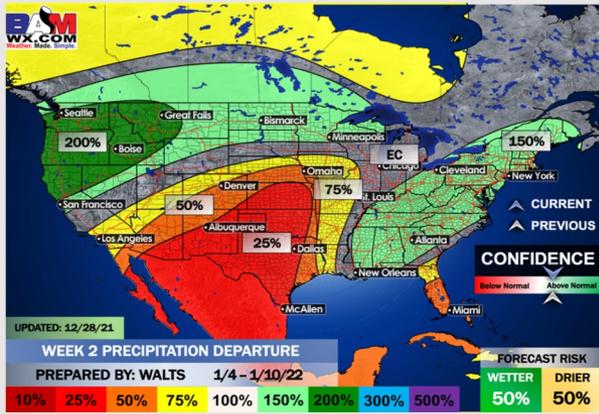
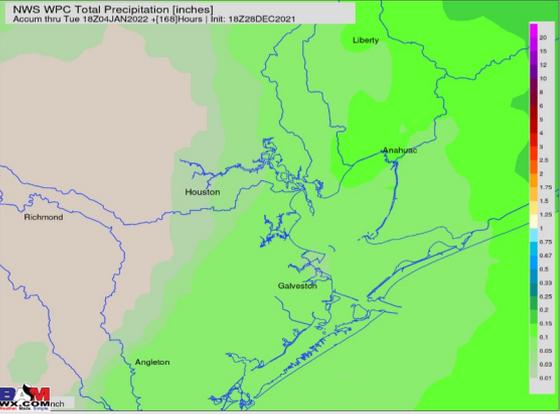
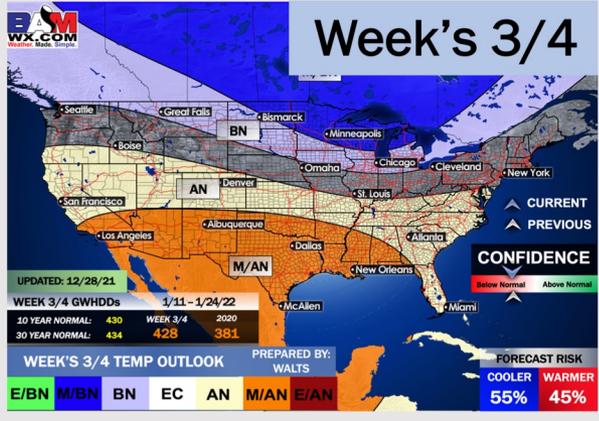
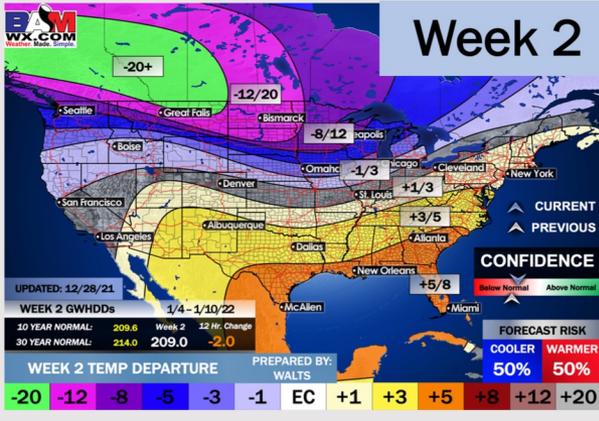
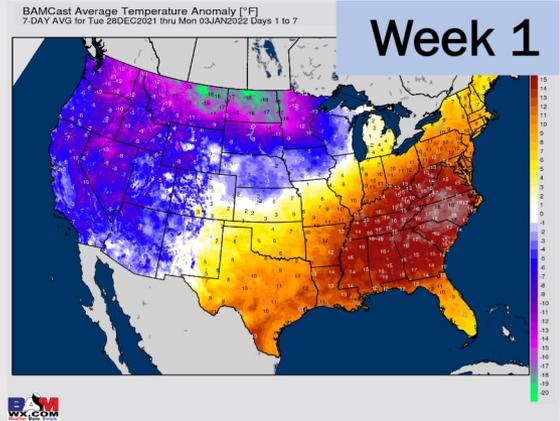


Wind Speed
10 AM CT



High Temps
Friday

Houston Pilots: 12/28/21



- A few shots at some precip this week including the weekend, however, chances nor totals look impressive. Temps this week average out again above normal.
- 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 below normal risks for precip for the weeks 3 and 4 timeframe.