

Houston Pilots Forecast Package



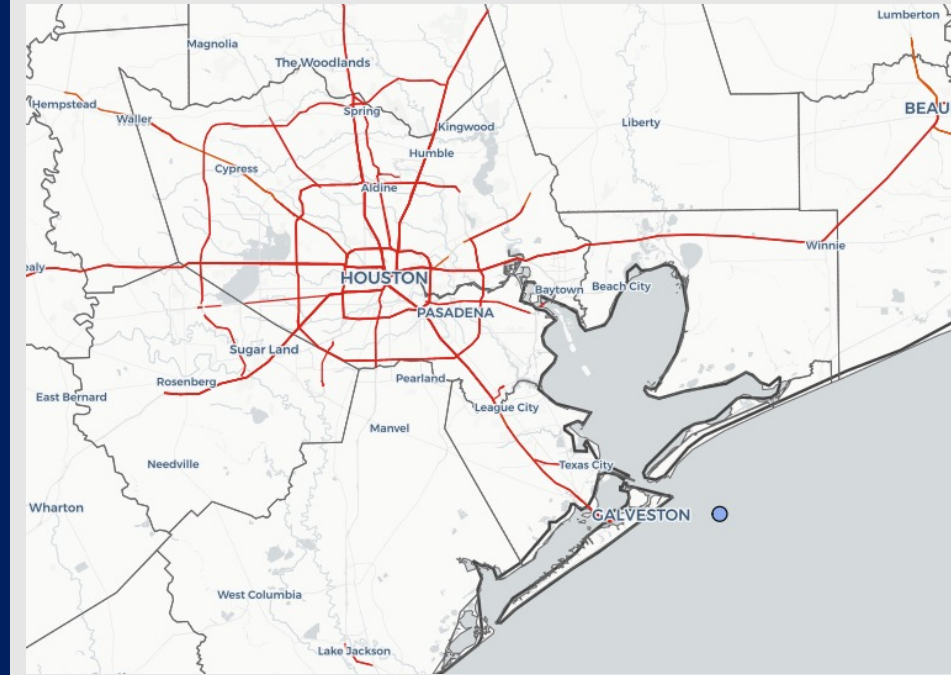
Updated: 2:30 PM CT

Thursday, February 10, 2022

Forecaster: Vince Bryan

Weather Headlines

- Dry conditions are favored through Saturday PM before minor precip chances are possible.
- A few chances of patchy, “inland” fog look possible the next few morning’s, however this threat currently looks rather minimal to our stations.
- Calm/light winds are favored to continue for the next few days.
- Next front works through Saturday PM and brings minor precip chances + elevated NW winds for Sat night/ Sun AM



Radar/ NWS Alerts: 2:30 PM 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	02-10-2022 Thu 1pm	02-10-2022 Thu 2pm	02-10-2022 Thu 3pm	02-10-2022 Thu 4pm	02-10-2022 Thu 5pm	02-10-2022 Thu 6pm	02-10-2022 Thu 7pm	02-10-2022 Thu 8pm	02-10-2022 Thu 9pm	02-10-2022 Thu 10pm	02-10-2022 Thu 11pm	02-11-2022 Fri 12am	02-11-2022 Fri 1am	02-11-2022 Fri 2am	02-11-2022 Fri 3am	02-11-2022 Fri 4am	02-11-2022 Fri 5am	02-11-2022 Fri 6am	02-11-2022 Fri 7am	02-11-2022 Fri 8am	02-11-2022 Fri 9am	02-11-2022 Fri 10am	02-11-2022 Fri 11am	02-11-2022 Fri 12pm	02-11-2022 Fri 1pm	02-11-2022 Fri 2pm	02-11-2022 Fri 3pm	02-11-2022 Fri 4pm	02-11-2022 Fri 5pm	02-11-2022 Fri 6pm	02-11-2022 Fri 7pm	02-11-2022 Fri 8pm	02-11-2022 Fri 9pm	02-11-2022 Fri 10pm	02-11-2022 Fri 11pm	02-12-2022 Sat 12am		
Houston Pilots N - 610 Bridge	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	9.924	7.452	8.338	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	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	9.995	9.919	9.627	7.260	8.088	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	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	9.090	8.941	8.654	6.517	7.331	9.639	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	9.961
Houston Pilots K - Shell Crude	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	9.821	9.779	9.678	8.192	7.933	7.604	5.645	6.420	9.238	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	9.781
Houston Pilots J - Lynchburg Ferries	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	9.691	9.461	9.007	6.841	6.612	6.348	4.762	5.332	8.729	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	9.571
Houston Pilots I - Exxon 3	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	9.802	9.303	8.319	8.178	7.229	4.673	4.335	4.070	3.008	3.520	7.440	9.787	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	9.930	9.930	9.893	9.758	9.019	
Houston Pilots H - Morgans Point	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	9.622	8.649	7.802	6.848	6.671	5.640	3.482	3.019	2.755	2.069	2.470	5.902	9.019	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	9.723	9.670	9.525	9.168	8.455
Houston Pilots G - 75/76	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	8.775	7.078	5.722	4.939	5.056	4.207	2.524	1.980	1.891	1.342	1.657	4.397	7.912	9.954	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	9.961	9.491	9.278	8.909	8.185	7.525	
Houston Pilots F - 63/64	10.000	10.000	10.000	10.000	10.000	10.000	10.000	9.908	7.755	5.427	3.732	3.405	3.570	2.789	1.400	0.942	0.885	0.654	0.777	2.997	6.565	8.961	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	9.648	9.189	8.673	7.933	6.922	6.293		
Houston Pilots E - 51/52	10.000	10.000	10.000	10.000	10.000	10.000	10.000	9.351	6.653	3.909	2.432	3.034	2.663	2.007	0.612	0.228	0.232	0.197	0.206	2.232	5.381	7.520	10.000	10.000	10.000	10.000	10.000	10.000	10.000	9.515	9.185	8.822	7.762	6.594	5.587	4.936		
Houston Pilots D - 37/38	10.000	10.000	10.000	10.000	10.000	9.858	9.740	9.471	8.137	5.873	3.403	2.208	3.108	2.614	2.074	0.511	0.221	0.228	0.196	0.185	2.355	4.812	6.310	8.966	9.909	10.000	10.000	9.516	9.267	8.742	8.844	8.298	6.701	5.403	4.636	4.083		
Houston Pilots C - 25/26	10.000	10.000	10.000	10.000	10.000	9.338	9.146	8.679	6.870	5.158	3.231	2.391	3.249	2.652	2.274	0.538	0.497	0.475	0.327	0.238	2.132	3.821	4.827	7.184	7.993	7.977	8.585	8.275	8.712	8.259	7.629	6.769	4.935	3.832	3.324	3.128		
Houston Pilots B - 11/12	10.000	10.000	10.000	10.000	10.000	8.666	8.379	7.749	5.678	4.154	2.216	1.938	2.711	2.092	1.896	0.580	1.088	1.050	0.540	0.377	1.574	2.476	3.088	4.997	5.581	5.533	6.523	6.892	8.086	7.578	6.405	5.433	3.374	2.301	1.998	1.993		
Houston Pilots A - 1 & 2 Bravo	10.000	10.000	10.000	10.000	10.000	7.086	5.730	5.325	4.260	3.084	0.922	1.595	1.983	1.100	1.055	0.603	3.903	3.740	1.787	1.158	1.354	0.985	0.773	1.281	1.186	1.077	2.040	3.669	6.157	5.543	3.835	3.598	1.493	0.398	0.314	0.421		

Check fog slide between THU and FRI for latest thinking.

Houston Pilots Extended Range Visibility Report



Sunday, 2/13/22

Not anticipating fog on Sunday with elevated northerly winds.

Confidence

Above
Normal

Below
Normal

Monday, 2/14/22

Not anticipating fog on Monday with an unfavorable wind.

Confidence

Above
Normal

Below
Normal

Tuesday, 2/15/22

Tuesday fog is not currently favored, but may need to keep an eye on things mid week for at least slightly better potential for a fog setup.

Confidence

Above
Normal

Below
Normal

Daily Fog Chance

Sunday AM

Unlikely

Monday AM

Unlikely

Tuesday AM

Unlikely

Houston Pilots: *Thu. 2/9/2022*

Forecast Discussion

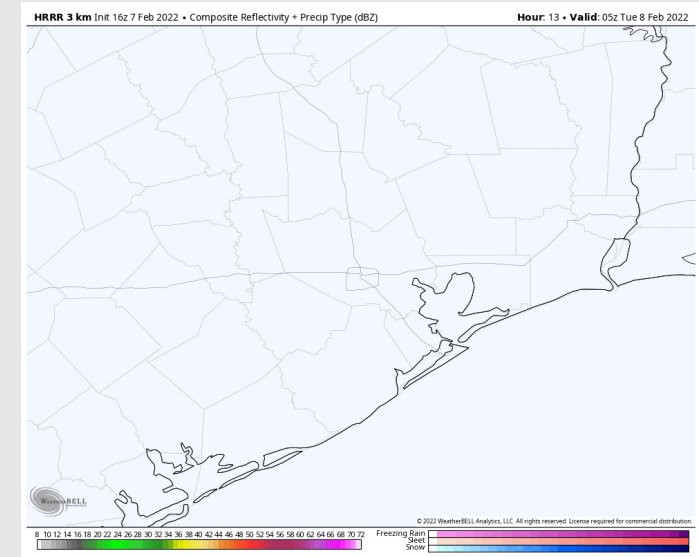
Precip: No precip concerns expected today.

Wind: Winds the rest of the day will be from the SSW at 5-10 MPH sustained, gusts locally higher.

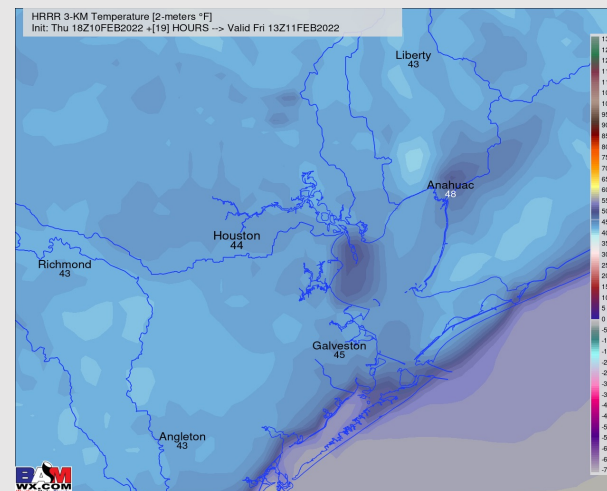
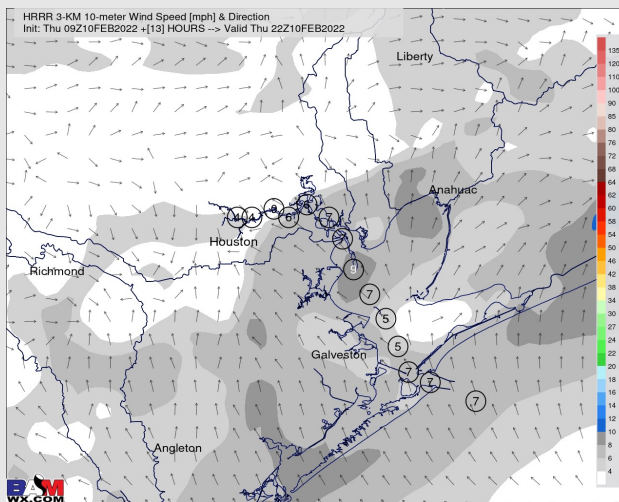
Temps: Lows look to drop back into the mid to upper 40s.

Visibility: No fog is favored this evening.

Precip Forecast: 1 PM CT



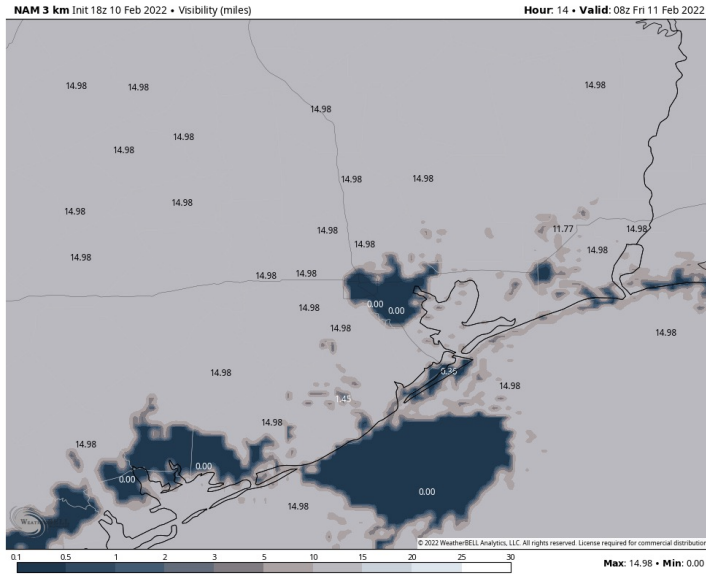
Wind Speed:
4 PM CT



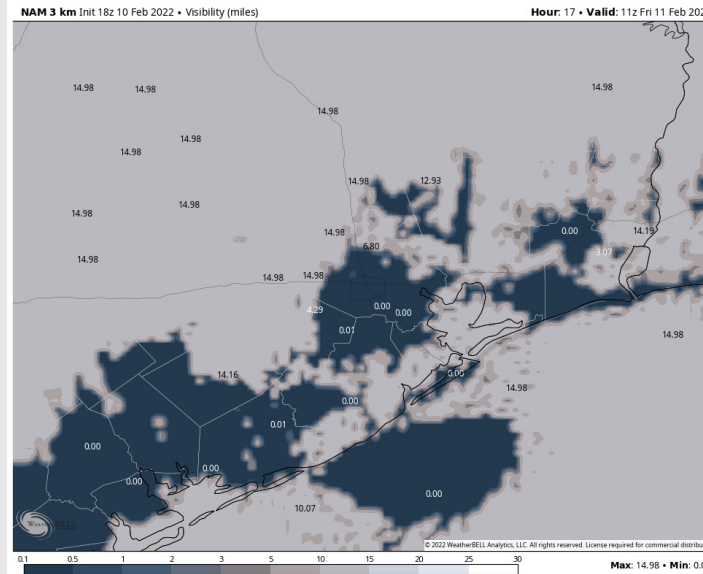
Low Temps

Houston Pilots Visibility Report

5 AM FRI Visibility (miles)



7 AM FRI Visibility (miles)



Confidence

**Above
Normal**

**Below
Normal**

Fog Threat

4 AM ~ 8 AM FRI

Low

- Another fog threat looks to set up for the overnight hours tonight across SE TX, however this round comes with lower confidence as data varies a good bit on specific details (best area of formation/ exact timing...etc.).
- Currently favoring any fog development to setup inland and then potentially work over some of the stations for a brief period of time. This threat does not look to be very high and is not sea fog, but areas from 610 bridge to 37/38 need watched in the 4 to 8 AM window as a few pieces of data suggest stations can at least some very brief impact of some patchy fog. Again, lower confidence on exact specifics. Evening data will be monitored and the forecast will be updated as needed.

Houston Pilots: *Fri. 2/10/2022*

Forecast Discussion

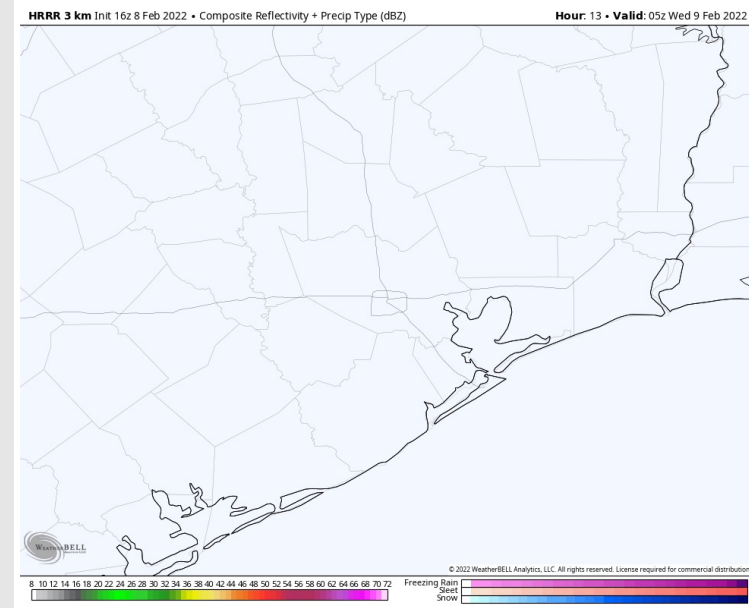
Precip: Friday will not see any rain issues.

Wind: Winds most of Friday come from the SW at 5-10 MPH with gusts to 15 MPH possible. Near sundown, sustained winds look to increase to 8-13 MPH.

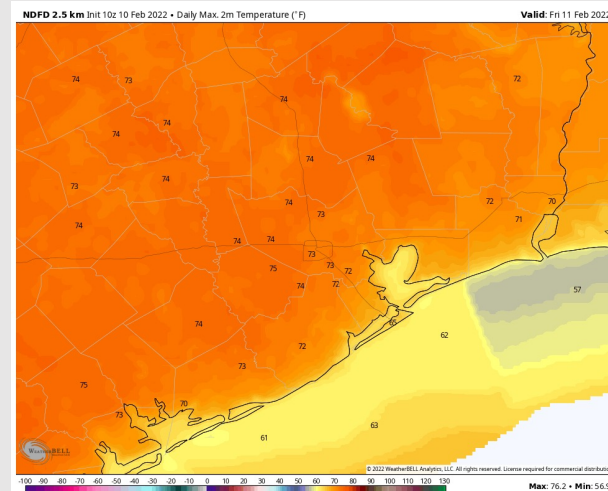
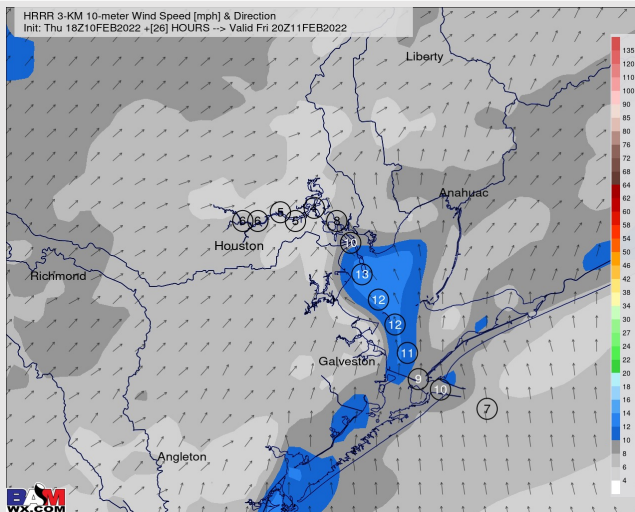
Temps: Highs will be similar to the next couple days, sitting in the lower to mid 60s.

Visibility: Check slide above for more information.

Precip Forecast: 4 PM CT



Wind Speed 2 PM CT



High Temps Friday

Houston Pilots: Sat. 2/11/2022

Forecast Discussion

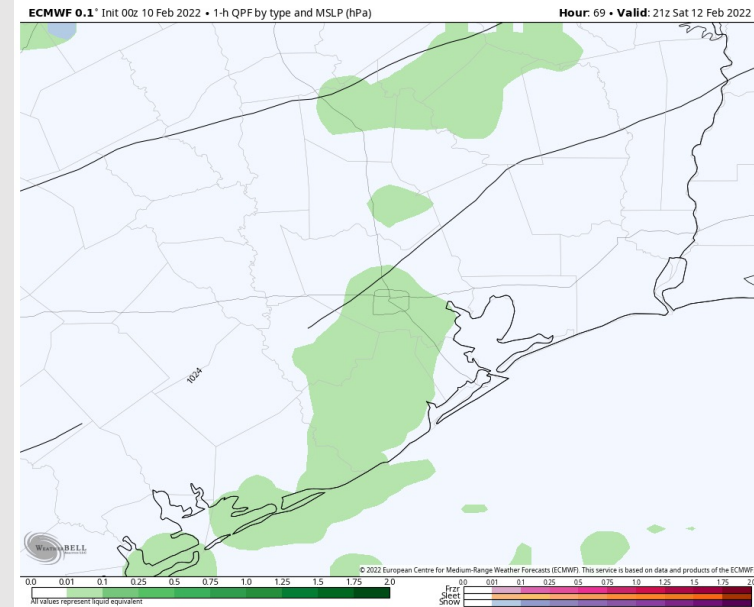
Precip: Our anticipated cold front will swing thru the area Saturday PM and bring with it a low end chance for a few showers. Moisture does not look very good with this wave and most data struggles to push rain to the coast, so for now will go ~20-30% into the PM hours of Sat.

Wind: Winds start out from the S before turning Easterly by 8 AM at 5-10 MPH. Winds turn more out of the NE at 8-13 MPH sustained through 5 PM before a N shift at 15-25 MPH sustained through the evening (gusts 25-35).

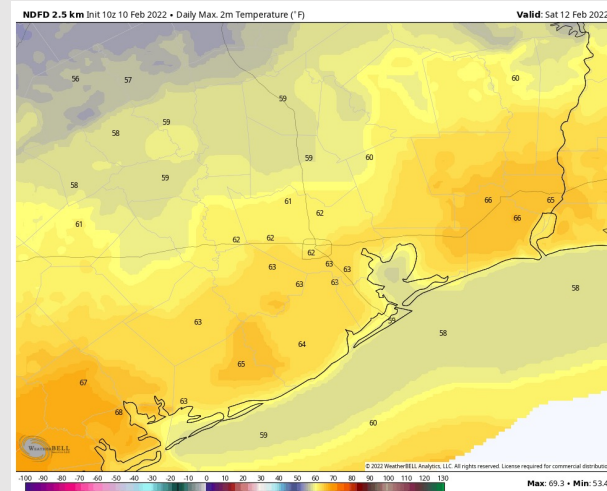
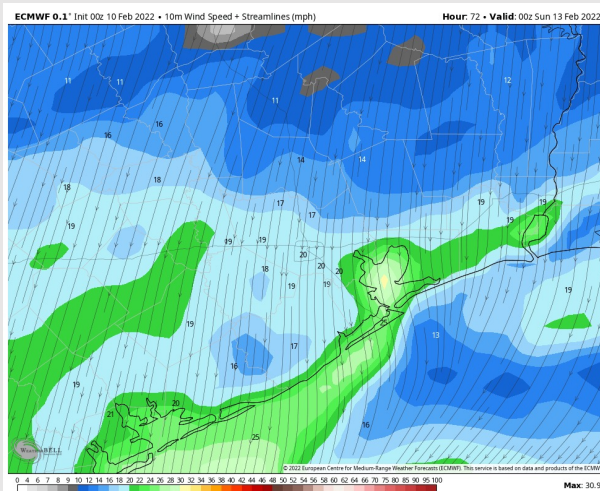
Temps: Highs likely only top out around the lower 60s.

Visibility: Saturday AM out ahead of the front will once again provide another opportunity for patchy fog that primarily affects areas inland vs over water. Sea fog is not favored.

Precip Forecast: 5 PM CT



Wind Speed
6 PM CT

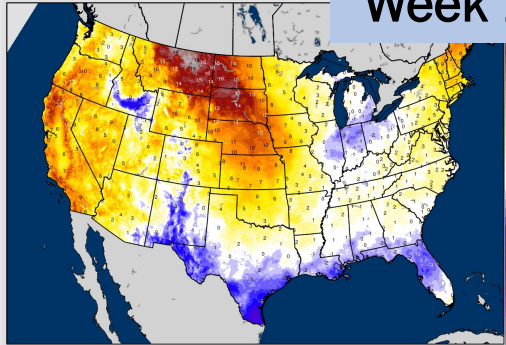


High Temps
Saturday

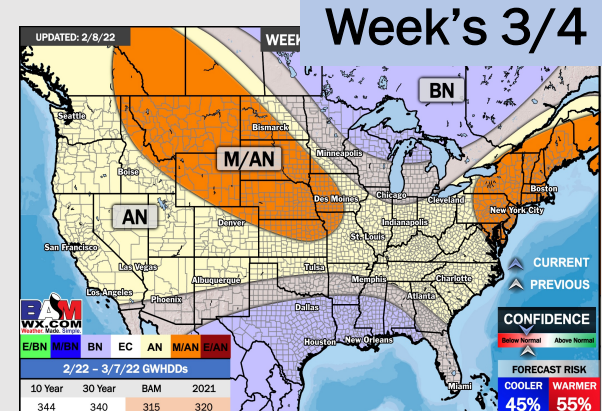
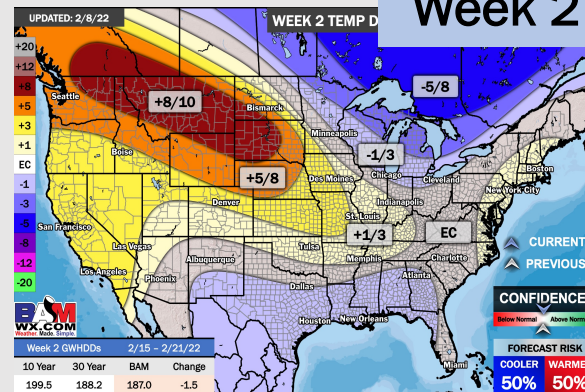
Houston Pilots: 2/10/22

BAMCast Average Temperature Anomaly [°F]
7-DAY AVG for Tue 08FEB2022 thru Mon 14FEB2022 Days 1 to 7

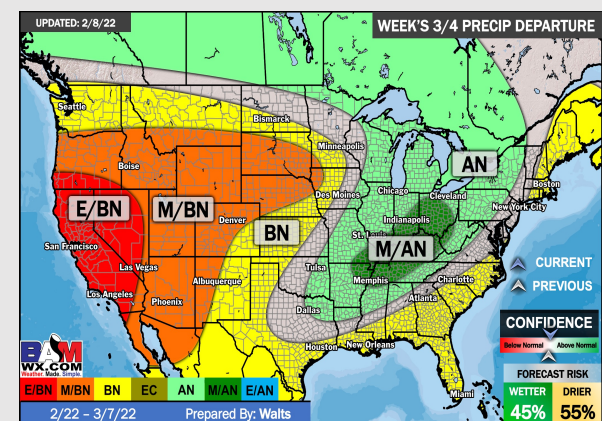
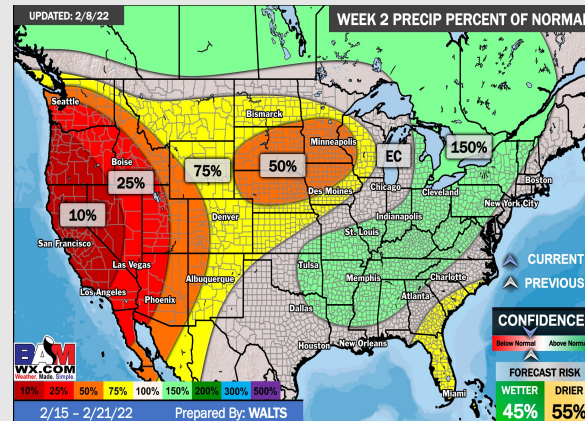
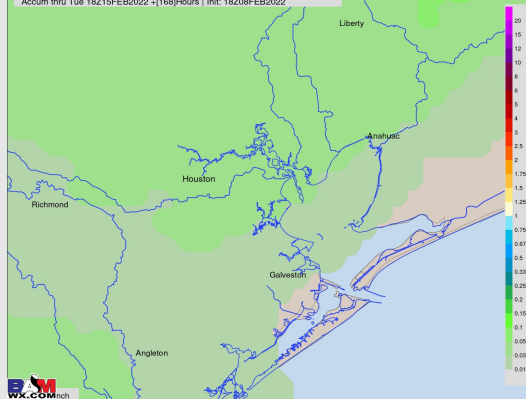
Week 1



BAM
WX.COM



NWS WPC Total Precipitation [inches]
Accum thru Tue 14FEB2022 -1168hours Init: 18Z08FEB2022



- Dry conditions are favored for at least the next several days. Temps average out slightly below normal this week.
- The week 2 timeframe is expected to have below normal risks for temperatures and near normal to slightly above normal risks for precip.
- Right now, we are favoring slightly below normal temperatures and slightly below normal risks for precip for the weeks 3-4 timeframe.