

Houston Pilots Forecast Package



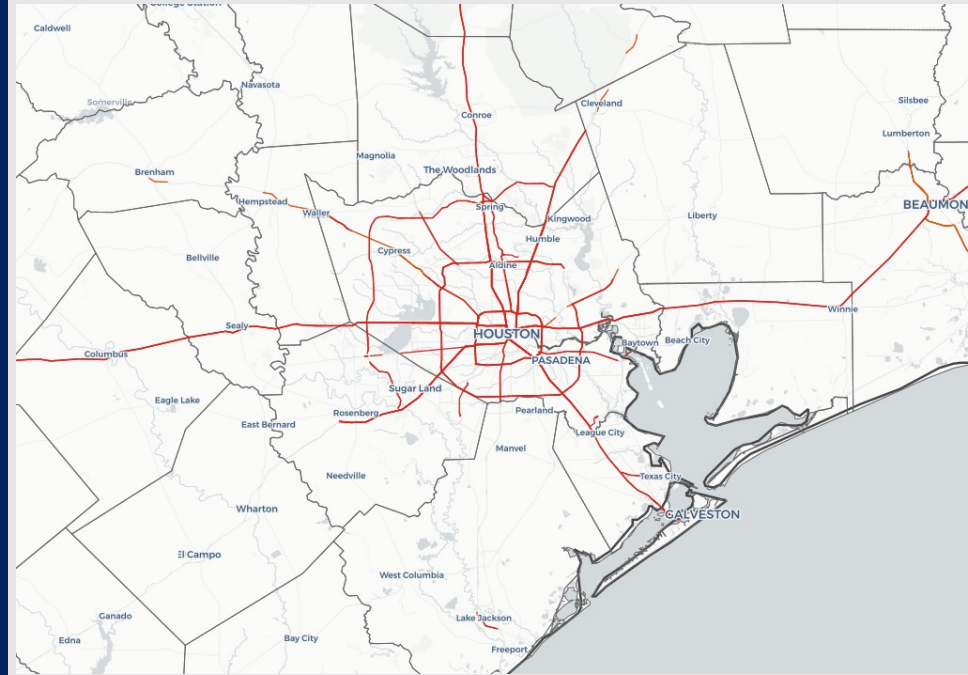
Updated: 1:00 PM CT

Wednesday, February 9, 2022

Forecaster: Vince Bryan

Weather Headlines

- Dry conditions are favored for at least the next several days.
- 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: 1:00 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	02-09-2022 Wed 12pm	02-09-2022 Wed 1pm	02-09-2022 Wed 2pm	02-09-2022 Wed 3pm	02-09-2022 Wed 4pm	02-09-2022 Wed 5pm	02-09-2022 Wed 6pm	02-09-2022 Wed 7pm	02-09-2022 Wed 8pm	02-09-2022 Wed 9pm	02-09-2022 Wed 10pm	02-09-2022 Wed 11pm	02-10-2022 Thu 12am	02-10-2022 Thu 1am	02-10-2022 Thu 2am	02-10-2022 Thu 3am	02-10-2022 Thu 4am	02-10-2022 Thu 5am	02-10-2022 Thu 6am	02-10-2022 Thu 7am	02-10-2022 Thu 8am	02-10-2022 Thu 9am	02-10-2022 Thu 10am	02-10-2022 Thu 11am	02-10-2022 Thu 12pm	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	
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	10.000	10.000	7.285	8.869	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	10.000	10.000	10.000	10.000	7.137	8.772	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	10.000	10.000	10.000	10.000	6.895	8.385	9.982	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	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	9.998	9.997	9.998	6.676	8.114	9.825	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	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	9.979	9.979	9.979	6.667	7.851	9.751	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	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	9.783	9.770	9.780	6.254	6.992	8.985	9.956	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	9.930	9.930	9.930	9.930
Houston Pilots H - Morgans Point	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	9.389	9.304	9.184	5.429	5.488	7.481	9.561	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	9.893	9.688	9.723	9.723	9.723
Houston Pilots G - 75/76	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	8.926	8.789	8.516	4.841	3.982	5.663	8.626	9.879	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	9.385	9.235	9.507	9.507	9.507
Houston Pilots F - 63/64	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	8.495	8.279	7.800	4.704	3.001	4.199	7.538	9.003	10.000	10.000	10.000	10.000	10.000	10.000	10.000	9.640	8.607	8.555	9.335	9.335	9.335
Houston Pilots E - 51/52	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	8.293	8.020	7.465	5.092	3.058	3.799	6.601	7.853	9.275	9.830	10.000	10.000	9.924	9.262	8.448	7.796	7.829	9.280	9.258	9.273	
Houston Pilots D - 37/38	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	8.314	7.949	7.494	5.360	4.375	4.874	6.432	7.202	8.143	8.501	8.763	8.731	8.753	8.161	7.555	7.323	7.537	9.346	9.237	9.308	
Houston Pilots C - 25/26	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	9.819	8.431	7.950	5.918	5.604	5.796	6.427	6.841	7.571	7.798	7.832	7.800	7.988	7.663	7.262	7.158	7.579	9.257	9.142	9.608	
Houston Pilots B - 11/12	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	9.586	8.544	8.088	7.780	6.526	6.085	5.855	5.827	5.960	6.586	6.760	6.765	6.733	7.059	6.917	6.628	6.585	7.380	9.158	9.295	10.000
Houston Pilots A - 1 & 2 Bravo	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	9.123	8.892	8.556	8.269	7.923	7.142	6.133	4.669	4.251	4.804	4.855	4.880	4.920	5.249	5.747	5.476	5.965	7.733	9.603	10.000	10.000

Check fog slide between WED and THU for latest thinking.

Houston Pilots Extended Range Visibility Report



Saturday, 2/12/22

There may be a very brief period in the very early morning hours of patchy inland fog (not sea fog) before a front works through and sweeps any patchy fog chances away. Would currently not favor seeing impacts, but is at least something to watch.

Confidence



Monday, 2/14/22

Fog is currently not favored for Monday.

Confidence



Sunday, 2/13/22

Not anticipating fog on Sunday with elevated northerly winds.

Confidence



Daily Fog Chance

Saturday AM	Possible
Sunday AM	Unlikely
Monday AM	Unlikely

Houston Pilots: Wed. 2/9/2022

Forecast Discussion

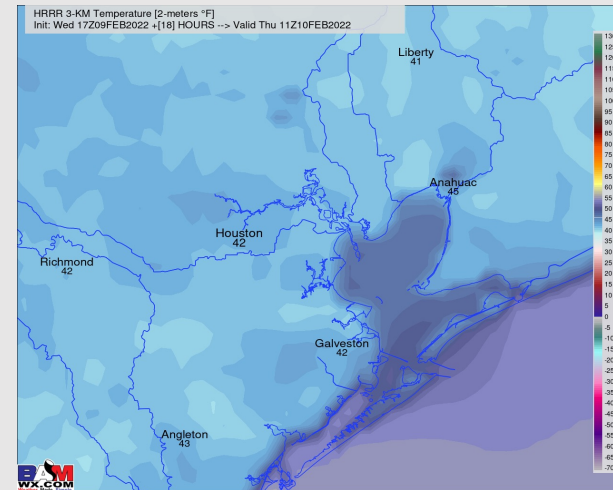
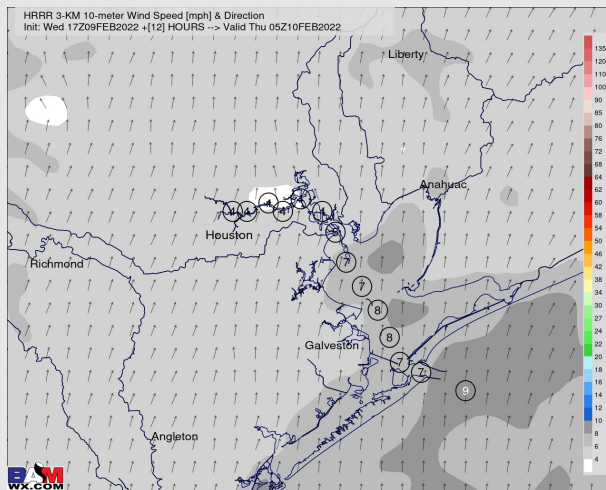
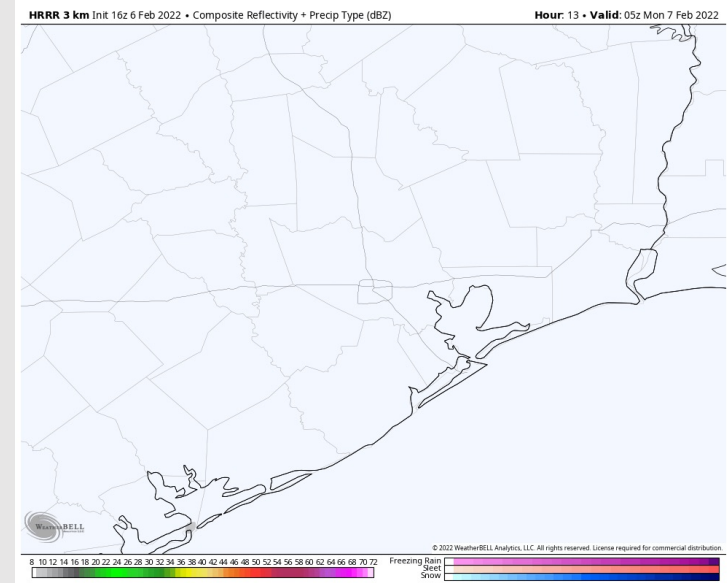
Precip: Anticipating dry conditions the rest of today.

Wind: Winds shift back out of the SSW for the remainder of the day and will be sustained 3-8 MPH with a few gusts at the boarding station reaching 8-13 MPH.

Temps: Lows likely sit in the lower 50s for the stations, cooler inland where temps drop back into the lower 40s.

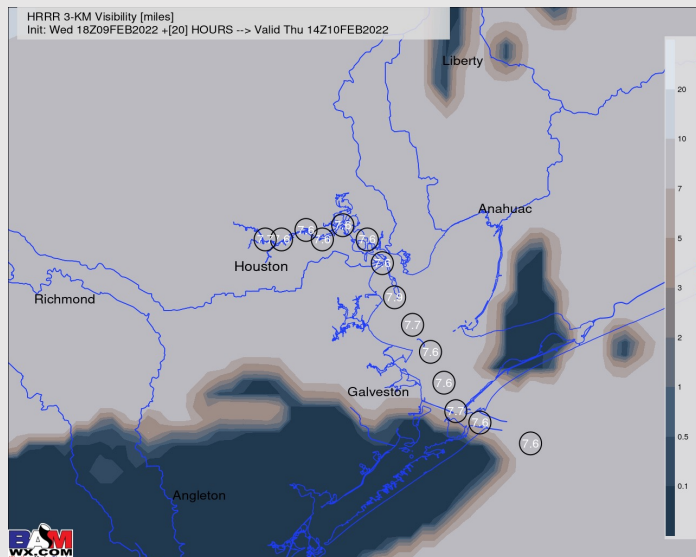
Visibility: Not anticipating fog for our stations this evening.

Precip Forecast: 11 PM CT

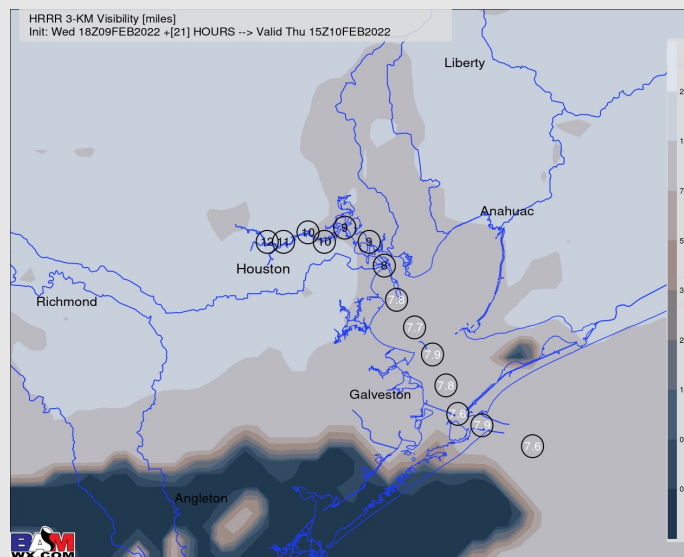


Houston Pilots Visibility Report

6 AM THU Visibility (miles)



8 AM THU Visibility (miles)



Confidence

**Above
Normal**

**Below
Normal**

Fog Threat

5 AM ~ 8 AM THU

Low

- The threat for fog continues to remain on the lower end tomorrow, however there does look to be a very brief window tomorrow AM where some very patchy may be able to creep into the stations (current thinking would be ~30% probability of occurrence for the stations with higher chances coming further inland from the Gulf/ Galveston Bay coastlines).
- Currently eyeing the 5 – 8 AM window for the best threat from Morgan's Point to 25/26. This is not sea fog and any fog would likely burn off very shortly after sunrise.
- Fog may be around areas further inland earlier in the AM as these setups allow for fog development better over land vs over water. Any fog likely remains patchy in nature. **We would lean toward any fog not impacting stations, but wanted to make sure the low end threat was mentioned.**

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

Forecast Discussion

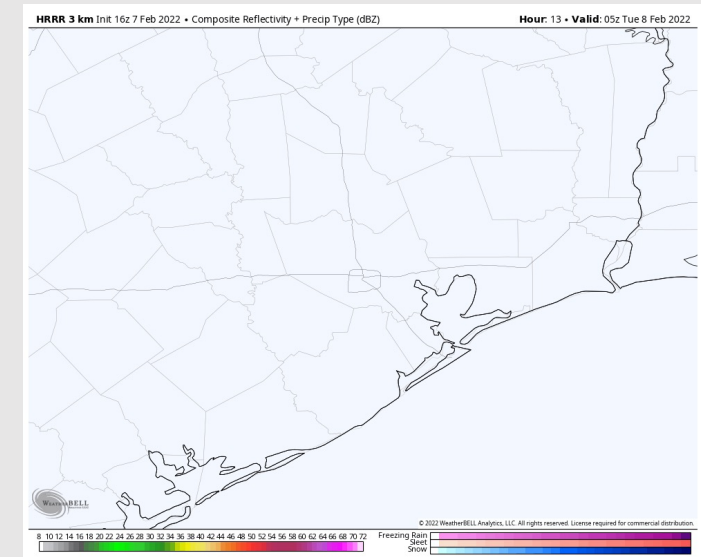
Precip: No precip concerns expected Thursday.

Wind: With a weak front passing in the AM, winds will once again be coming from the NW from daybreak out through about midday at 3-8 MPH. Winds the back half of the day will be from the SSW at 8-13 MPH sustained, gusts locally higher.

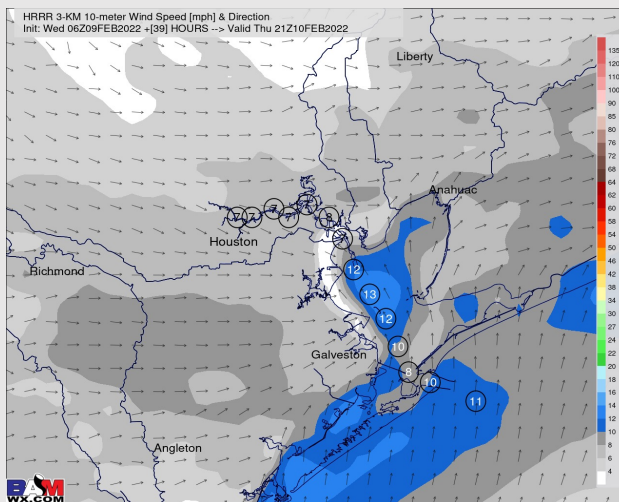
Temps: Highs Thursday work into the lower to mid 60s. Upper 60s are favored North of the stations.

Visibility: Check slide above for the latest visibility thinking.

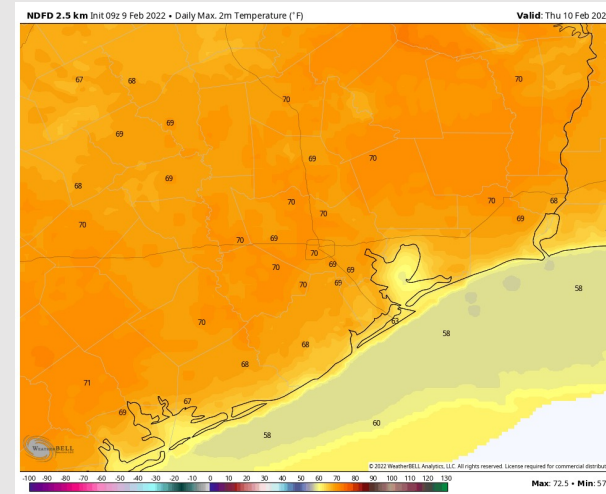
Precip Forecast: 1 PM CT



Wind Speed:
3 PM CT



High Temps
Thursday

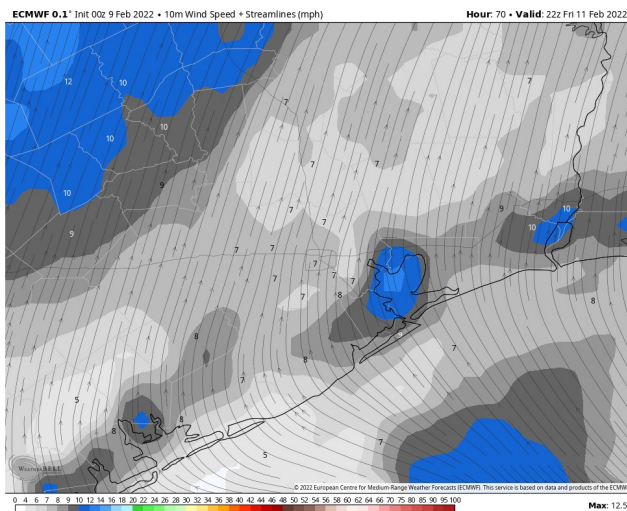
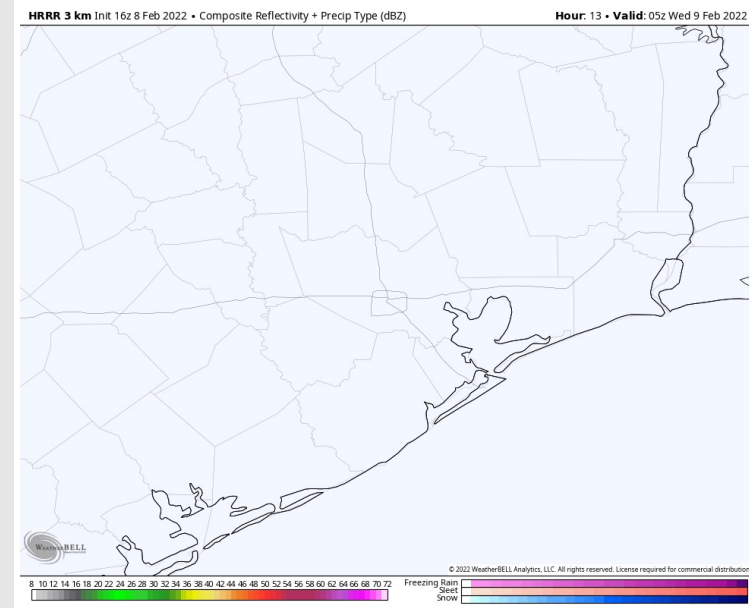


Houston Pilots: *Fri. 2/10/2022*

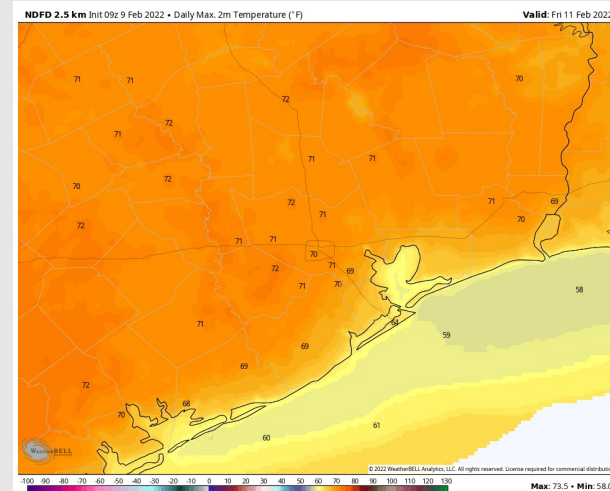
Forecast Discussion

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.
Temps: Highs will be similar to the next couple days, sitting in the lower 60s.
Visibility: Friday AM may be another morning for patchy fog further inland, but currently do not see a threat for the stations.

Precip Forecast: 4 PM CT



Wind Speed
5 PM CT

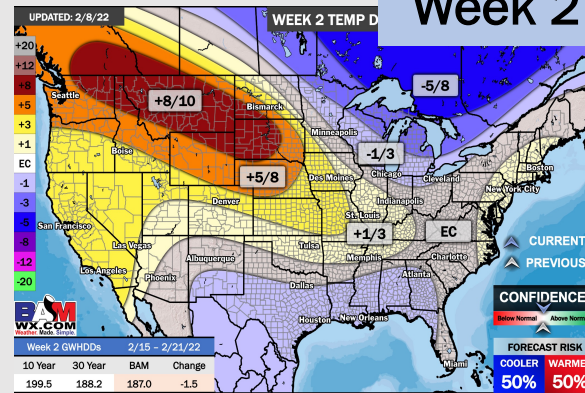
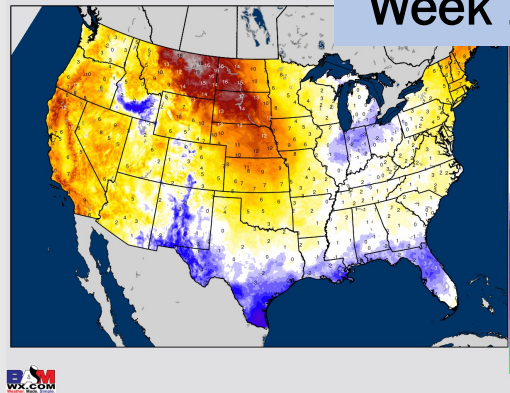


High Temps
Friday

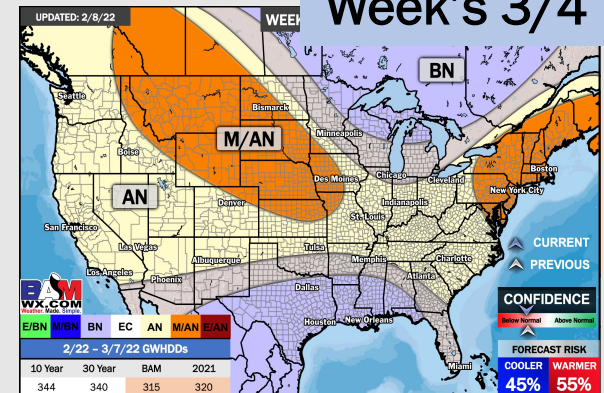
Houston Pilots: 2/9/22

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

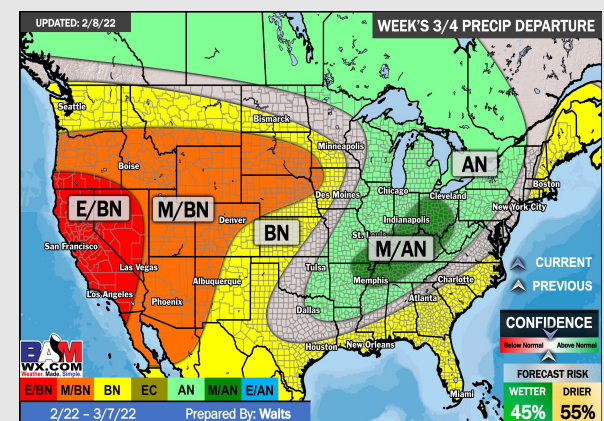
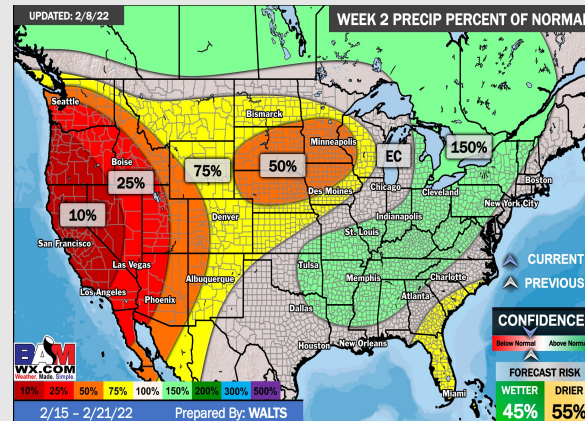
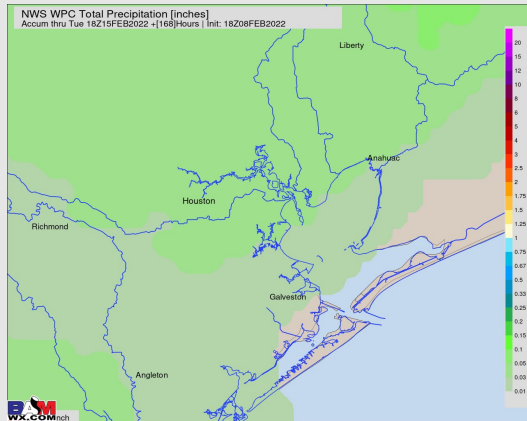
Week 1



Week's 3/4



NWS WPC Total Precipitation [inches]
 Accum thru Tue 14FEB2022 -1168(hours) Init: 18208FEB2022



- 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.