

Houston Pilots Forecast Package



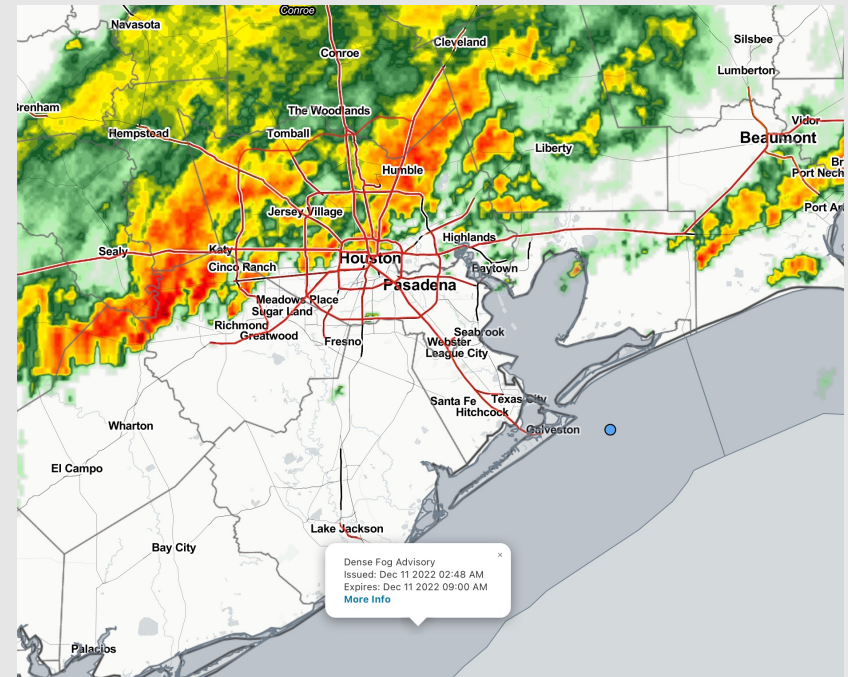
Updated: 5:10 AM CT

Sunday, December 11, 2022

Forecaster: Alyssa McClung

Weather Headlines

- A rainy morning is anticipated for today as well as for Tuesday. Monday looks to be the driest with a slight chance of a shower.
- Winds will be variable in directions for today and tomorrow in the 5 -15 kt range. **Tuesday looks to be a breezy day with wind gusts of 25 – 30 kts possible with another cold front passage.**
- **Fog threats will end this morning with the passage of a cold front. More details on the slide below. Low end patchy fog threats exist for Sunday evening/Monday Morning, but beyond this timeframe anticipating no fog concerns as winds shift from the NW.**



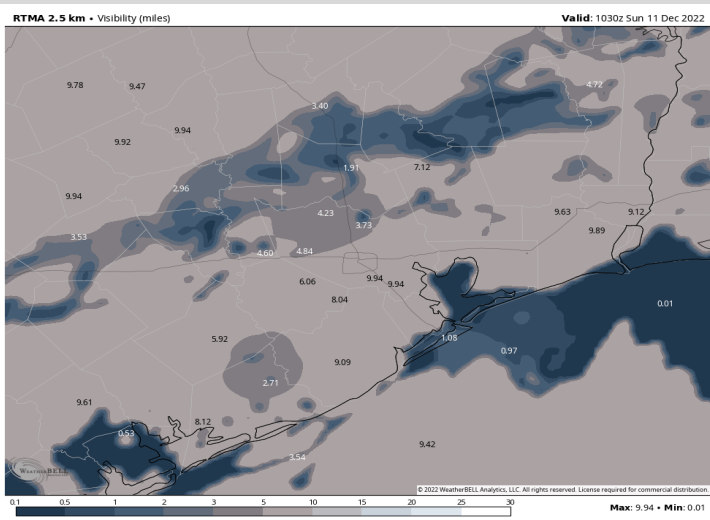
Radar/NWS Alerts: 5:00 AM CT



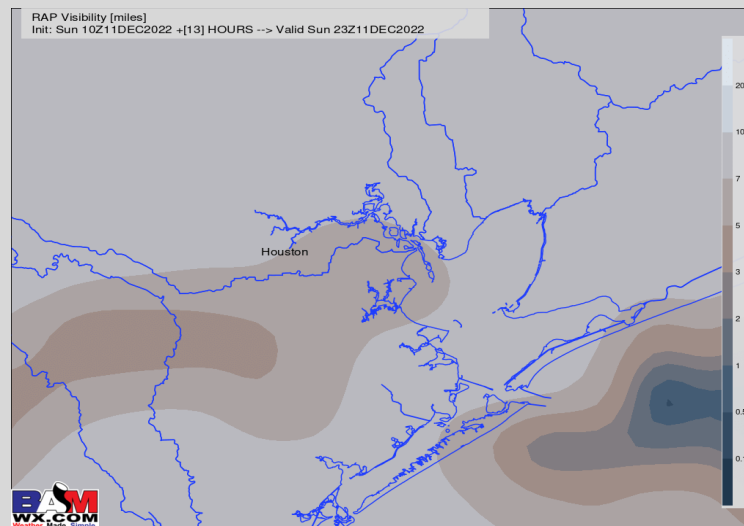
As always, please do not hesitate to reach out to us with any forecast questions via the chat option on the Weather Porthole or our on-call number, **(317)-560-8122** press 1 for forecast questions.

Houston Pilots Visibility Report

Current Visibility as of 4:30 AM CT



5 PM CT SUN Visibility



Confidence

Above
Normal

Below
Normal

Reduced Visibility Threat

Now - 10 AM SUN

Low-
Medium

- Patchy fog with some areas of dense fog ongoing right now, but visibilities will continue to improve throughout the morning as showers/storms move through.
- Currently a risk for reduced visibilities of less than 0.5 mile for stations South of Morgan's Point with the Boarding Station at the greatest risk.
- After 6AM-CT, fog risk will become more patchy for all locations as some stronger wind gusts work in. Favoring the 9-10 AM-CT time frame for fog to dissipate due to the cold front sweeping in from the NW.

Houston Pilots Extended Range Visibility Report



Wednesday 12/14/22

Anticipating winds to shift out of the NW Wednesday from a cold front. This will bring an end to fog potentials.

Confidence



Friday 12/16/22

Northwesterly winds expected again for Friday, thus no fog concerns.

Confidence



Thursday 12/15/22

Northwesterly dry air expected. No fog concerns.

Confidence



Chance for Reduced Visibility

Wednesday AM	Unlikely
Wednesday PM	Unlikely
Thursday AM	Unlikely
Thursday PM	Unlikely
Friday AM	Unlikely
Friday PM	Unlikely

Houston Pilots Visibility Report



Time	Sun 3am	Sun 4am	Sun 5am	Sun 6am	Sun 7am	Sun 8am	Sun 9am	Sun 10am	Sun 11am	Sun 12pm	Sun 1pm	Sun 2pm	Sun 3pm	Sun 4pm	Sun 5pm	Sun 6pm	Sun 7pm	Sun 8pm	Sun 9pm	Sun 10pm	Sun 11pm	Mon 12am	Mon 1am	Mon 2am	Mon 3am	Mon 4am	Mon 5am	Mon 6am	Mon 7am	Mon 8am	Mon 9am	Mon 10am	Mon 11am	Mon 12pm	Mon 1pm	Mon 2pm	
610 Bridge	7	8	8	9	8	8	9	9	10	10	10	10	10	8	8	10	10	8	6	5	4	3	0.48	0.52	0.28	0.28	0.28	0.28	0.28	0.28	2	4	6	10	10	10	
Kinder 1	7	8	8	9	7	8	9	9	10	10	10	10	10	8	8	10	10	8	6	5	4	3	1	0.52	0.41	0.28	0.28	0.28	0.28	0.28	2	4	6	10	10	10	
Greens Bayou	7	8	8	9	4	7	9	9	10	10	10	10	10	8	8	10	10	8	6	5	4	4	1	0.52	0.48	0.28	0.28	0.28	0.28	0.13	2	4	6	10	10	10	
Shell Crude	7	8	8	9	4	8	8	9	10	10	10	10	10	9	8	10	10	8	6	4	4	3	1	0.52	0.48	0.28	0.28	0.28	0.28	0.13	2	4	6	10	10	10	
Lynchburg Ferries	7	8	8	9	4	8	8	9	10	10	10	10	10	9	8	10	10	7	6	4	4	3	1	0.52	0.48	0.28	0.28	0.28	0.28	0.13	2	4	6	10	10	10	
Exxon 3	7	7	8	8	7	8	8	9	10	10	10	10	10	9	8	10	10	7	5	4	4	3	1	0.52	0.48	0.28	0.28	0.28	0.28	0.13	1	4	6	10	10	10	
Morgans Point	7	7	8	8	7	8	8	8	10	10	10	10	10	9	8	10	10	7	5	4	4	3	1	0.38	1	0.28	0.28	0.28	0.28	0.13	2	5	7	10	10	10	
75/76	7	7	7	8	7	8	8	8	9	10	10	10	10	9	8	10	10	6	5	4	3	3	1	0.38	1	0.28	0.28	0.28	0.28	0.21	2	5	7	9	10	10	
63/64	7	7	7	7	7	7	8	8	8	9	10	10	10	9	8	10	9	6	5	4	3	2	0.48	0.28	0.89	0.28	0.28	0.28	0.28	0.28	1	4	6	9	10	10	
51/52	7	7	7	7	7	7	8	8	8	8	10	10	10	10	9	10	9	5	4	4	3	2	0.48	0.28	0.28	0.28	0.28	0.28	0.28	0.28	1	3	5	7	9	10	
37/38	7	7	7	7	7	7	8	8	8	8	9	10	10	10	9	10	9	6	4	3	3	2	0.48	0.28	0.28	0.28	0.28	0.28	0.49	0.28	0.28	0.53	3	5	6	9	9
25/26	7	7	7	7	7	7	7	8	8	8	9	9	10	10	9	10	9	6	4	4	3	2	0.48	0.28	0.28	0.28	0.28	0.28	0.51	0.28	0.28	0.52	3	5	6	7	7
11/12	7	7	7	7	1	7	7	8	8	8	9	9	9	10	9	10	10	6	5	4	3	2	0.48	0.28	0.28	0.28	0.28	0.28	0.51	0.28	0.28	0.52	3	5	6	7	6
1 & 2 Bravo	3	3	6	3	0.06	0.11	7	7	8	8	9	9	9	9	8	10	7	5	3	3	2	1	0.4	0.24	0.24	0.24	0.24	0.24	0.31	0.24	0.24	0.58	2	3	5	5	6

Please check visibility slides above for official thinking on fog as the chart is likely not perfect.

Houston Pilots: Sun. 12/11/2022

Forecast Discussion

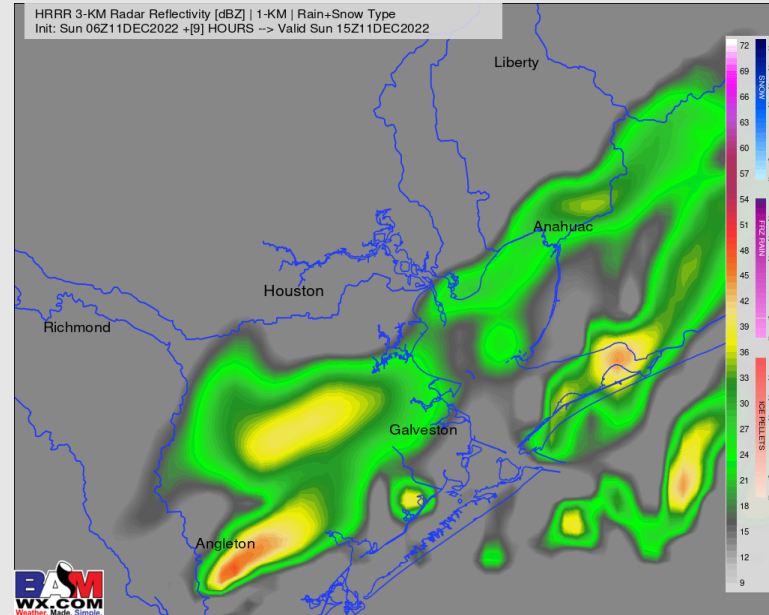
Precip: An 80% chance for scattered showers/storms to continue to work SE over the area through 9 AM CT. After 9 AM CT chances for showers / isolated thunderstorm will decrease to 40% which is where they will stay for most of the day. After 6 PM, chances will continue to decrease leaving the area to see light scattered pockets of showers leading into the overnight.

Wind: Anticipating winds to be out of the S early Sunday AM at 4– 10 kts. As the morning progresses, winds will become more variable at 1 – 8 kts. Expecting winds to shift out of the N/NW around 11 AM and continue at 1 – 6 kts, then shift out of the NE after 2 PM where they remain for the rest of the day.

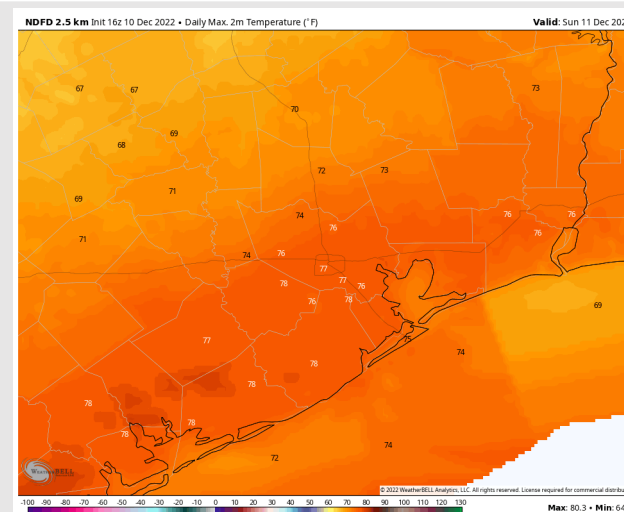
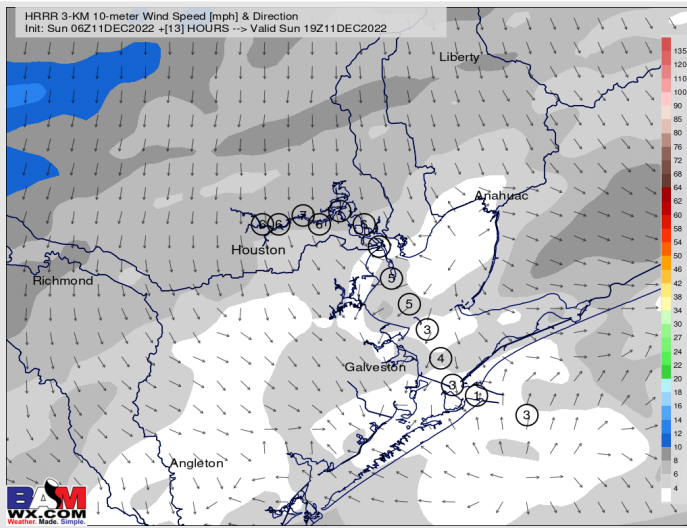
Temps: High temps Sunday will be in the mid 70s F at all locations

Visibility: Patchy dense / widespread dense fog will likely end after 10 AM. Fog threat for this evening is low.

Precip Forecast: 9 AM CT



Wind Speed
1 PM CT



High Temps
Today

Houston Pilots: Mon. 12/12/2022

Forecast Discussion

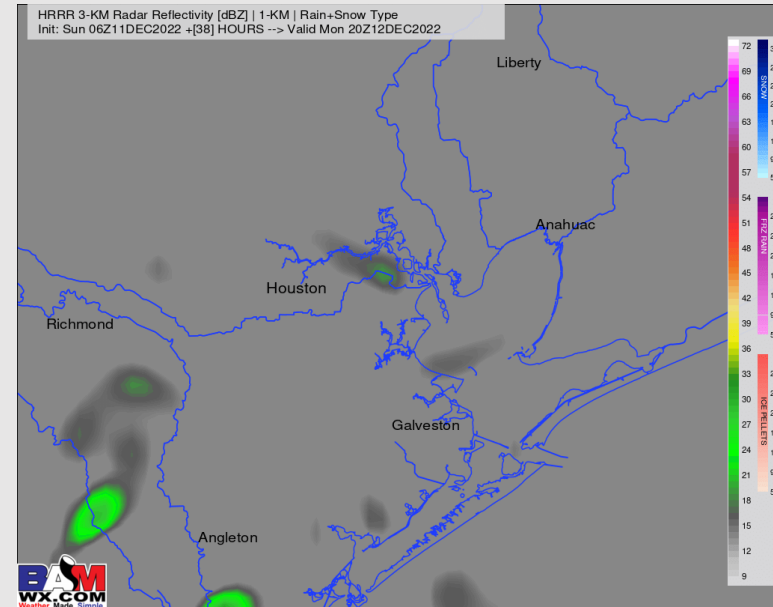
Precip: Anticipating dry conditions for the morning and early afternoon. A 10% chance for a pop-up shower will be possible from 2 PM through 7 PM.

Wind: Winds will begin from the NE in the morning and shift from the East by 9 AM, then finally from the ESE to SE from 1 PM to the remainder of the day. Winds will be at 4 – 9 kts across all stations in the morning, then pickup to 8 – 11 kts by 2 PM. Winds will increase even more S of Morgan's point in the afternoon to 12 – 16 kts by 7 PM and remain as such for the evening.

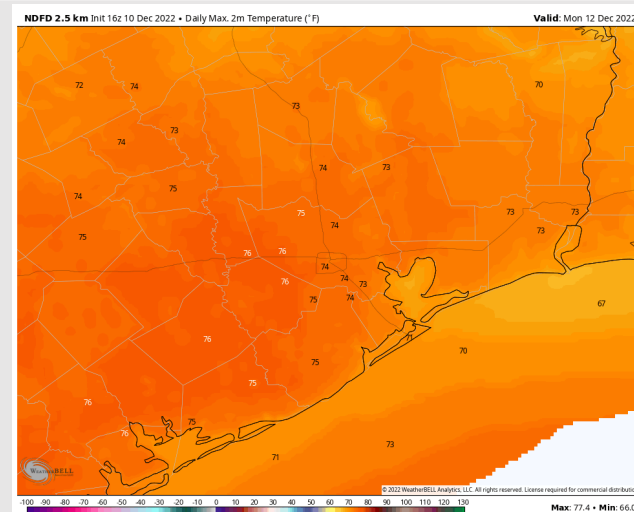
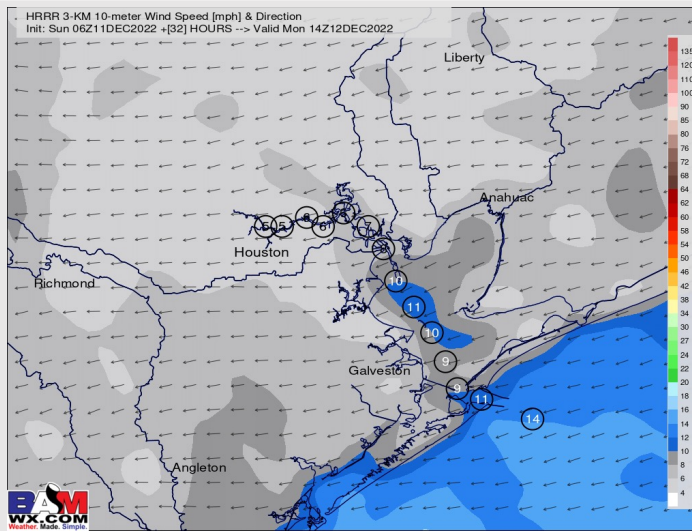
Temps: High temps Monday will be in the mid 70s F north of Morgan's Point and in the low 70s F south of Morgan's Point.

Visibility: A low-end risk for patchy fog will exist in the AM hours mainly north of Morgan's Point, but low confidence exists at the moment. More information will come in future updates.

Precip Forecast: 7 PM CT



Wind Speed
8 AM CT



High Temps
Monday

Houston Pilots: Tue. 12/10/2022

Forecast Discussion

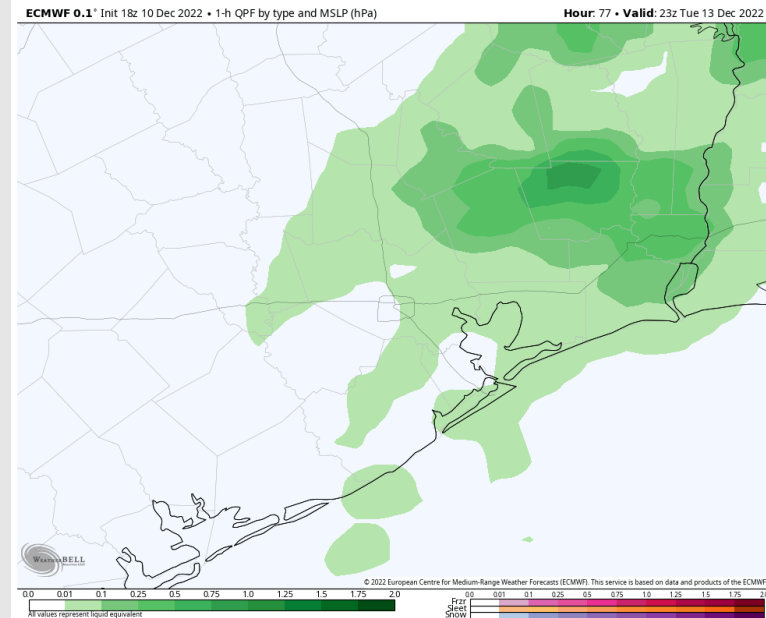
Precip: Favoring dry conditions for the majority of the morning. At around 10 AM, rain showers will enter the region, with greatest chance for precipitation to happen between 3 – 9 PM. Spotty showers could linger through midnight.

Wind: SSE winds in the morning and afternoon will shift from the SW by 6 PM, then from the NNE by midnight. Winds will start out at 9 – 14 kts in the morning then increase to 15 – 22 kts by noon. From the 1 PM – 4 PM timeframe, winds will be the strongest at 17 – 21 kts. At around 8 PM, a front will swing in and calm winds to 3 – 8 kts by 12 AM. **Highest wind gusts will range from 25 – 30 kts from 12 PM – 4 PM.**

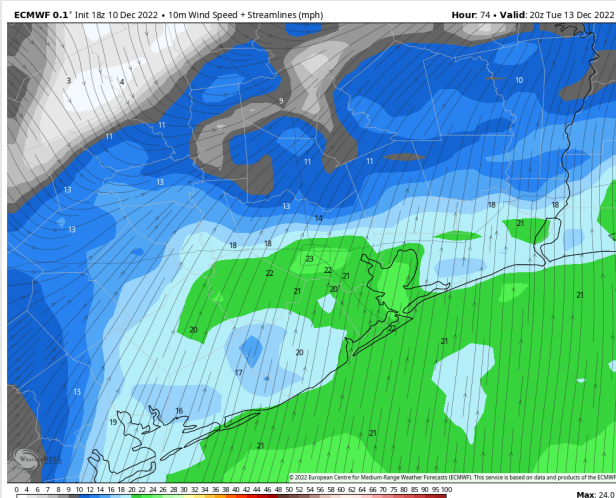
Temps: High temps Tuesday will be in the upper 70s F north of Morgan's Point and in the mid 70s F south of Morgan's Point.

Visibility: Not anticipating any visibility concerns due to the strong winds.

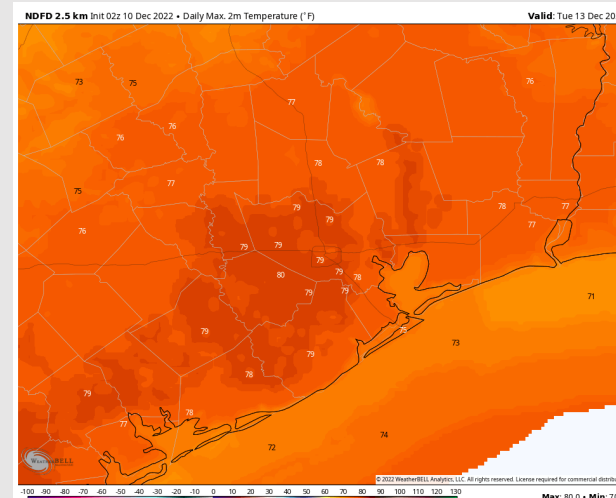
Precip Forecast: 4 PM CT



Wind Speed
2 PM CT



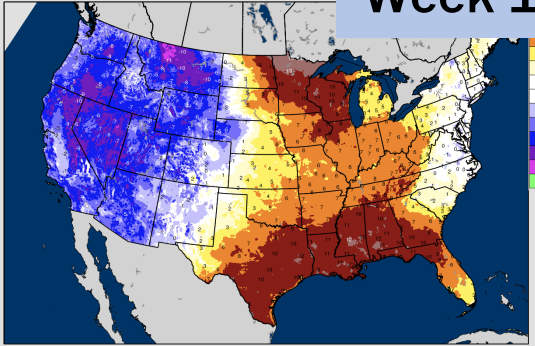
Low Temps
Tonight



Houston Pilots: 12/11/22

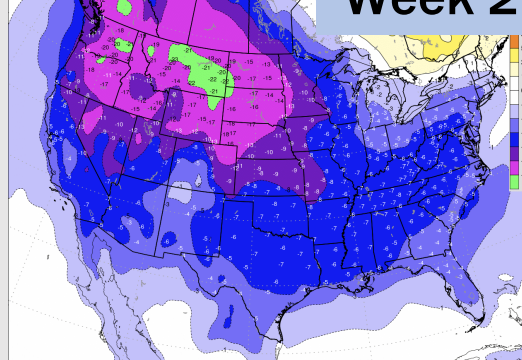
BAMCast Average Temperature Anomaly [°F]
7-DAY AVG for Fri 09DEC2022 thru Thu 15DEC2022 Days 1 to 7

Week 1



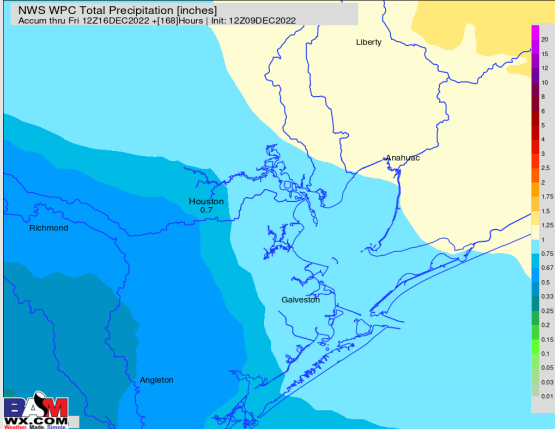
BAM EPS-GEFS 7-Day Average | 2-meter Temperature Anomaly [°F]
Init: Fri 09DEC2022 - (396) HOURS -> Valid Fri 09DEC2022

Week 2

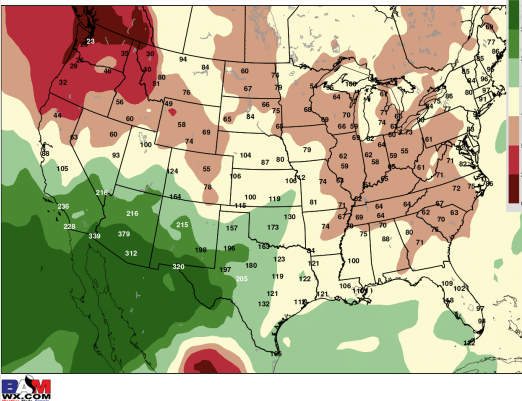


This service is based on data European Centre for Medium-range Weather Forecasts (ECMWF)

NWS WPC Total Precipitation [inches]
Accum thru Fri 12Z16DEC2022 +[168]Hours | Init: 12Z09DEC2022

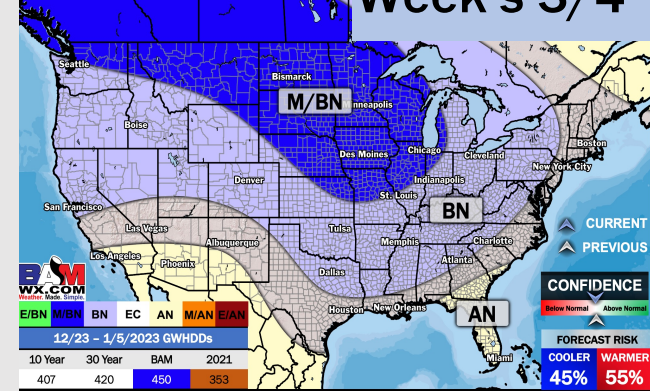


BAM EPS-GEFS+GEPS Precipitation Anomaly [%]
7-Day Anomaly -> Valid Fri 23DEC2022 +[14] Days | Init: 00Z09DEC2022



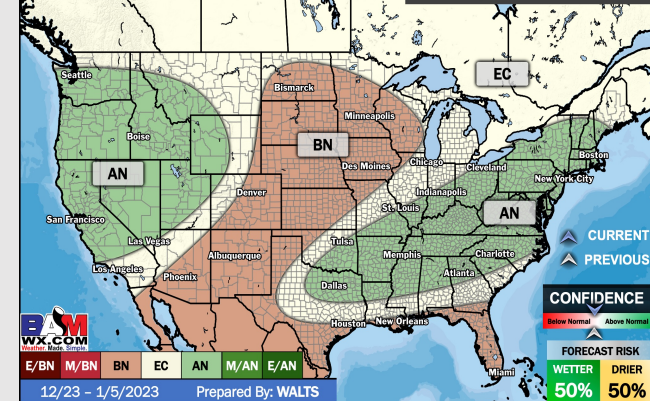
UPDATED: 12/9/22

Week's 3/4



UPDATED: 12/9/22

Week's 3/4 PRECIP DEPARTURE



- Minor, hit and miss light rain chances will be possible over the weekend with better rain chances moving in towards the end of next week. Anticipating temps staying above average.
- Week 2 is expected to be below normal for temperatures and near normal for rain chances for mid December.
- The weeks ³/₄ timeframe looks to feature below normal temperatures and equal chances to below normal for precipitation.