

Houston Pilots Forecast Package



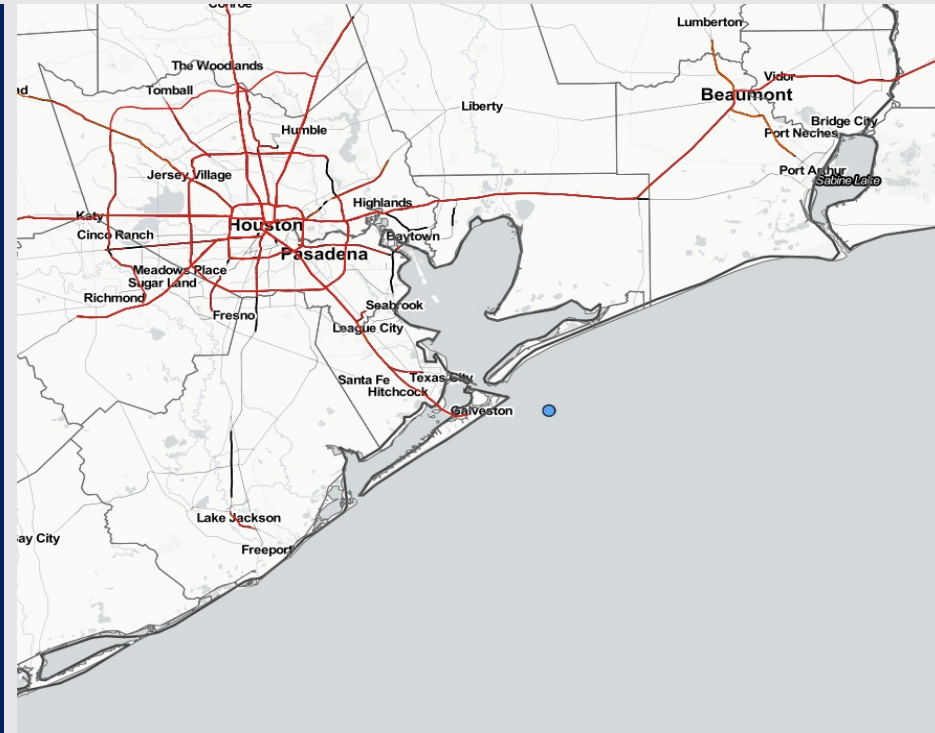
Updated: 2:35 PM CT

Tuesday, December 6, 2022

Forecaster: Will Danby

Weather Headlines

- Hit and miss pockets of drizzle will be possible the next few days. Not expecting a washout of precipitation. A slight chance for drizzle exists going into the early evening tonight.
- Winds will generally stay within the 5 – 15 kt range over the next three days. Winds will be generally out of the ESE/SE and continue at this direction for the next three days.
- **Fog chances will be at play over the next 48 hours. Please check out the slides below where we try to nail down timing as best as possible.**



Radar/NWS Alerts: 2:35 PM CT

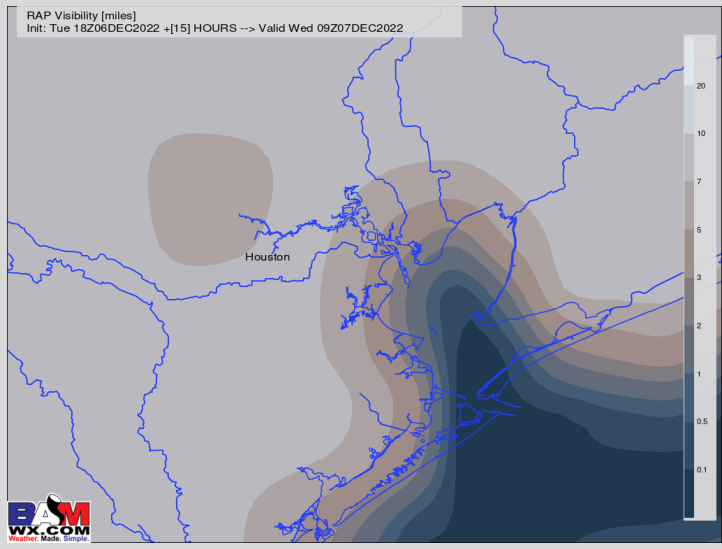


As always, please do not hesitate to reach out to us with any forecast questions via the chat option on the Weather Porthole or our on-call number, **(317)-560-8122** press 1 for forecast questions.

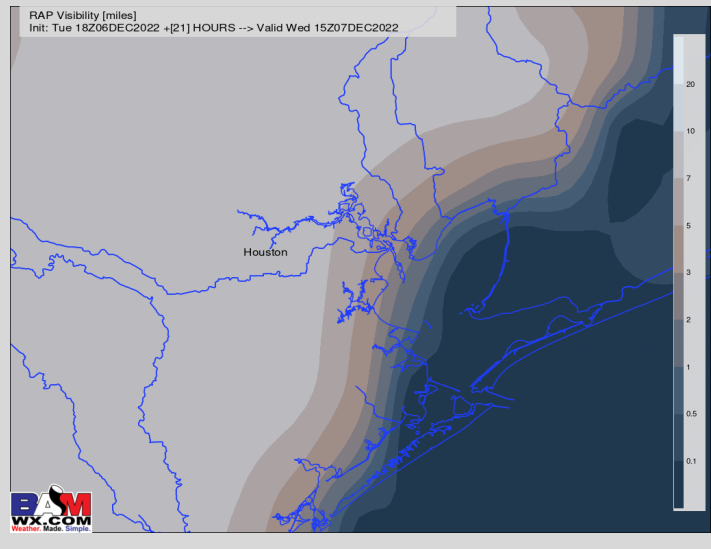
Houston Pilots Visibility Report



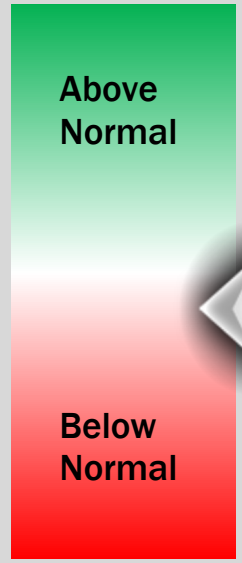
3 AM CT WED VISIBILITY



10 AM CT WED VISIBILITY



Confidence



| Reduced Visibility Threat | |
|---------------------------|---------------|
| 7 PM TUE – 3 AM WED | Low Medium |
| 3 AM WED – Noon WED | |

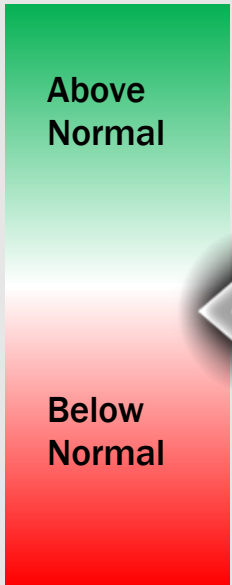
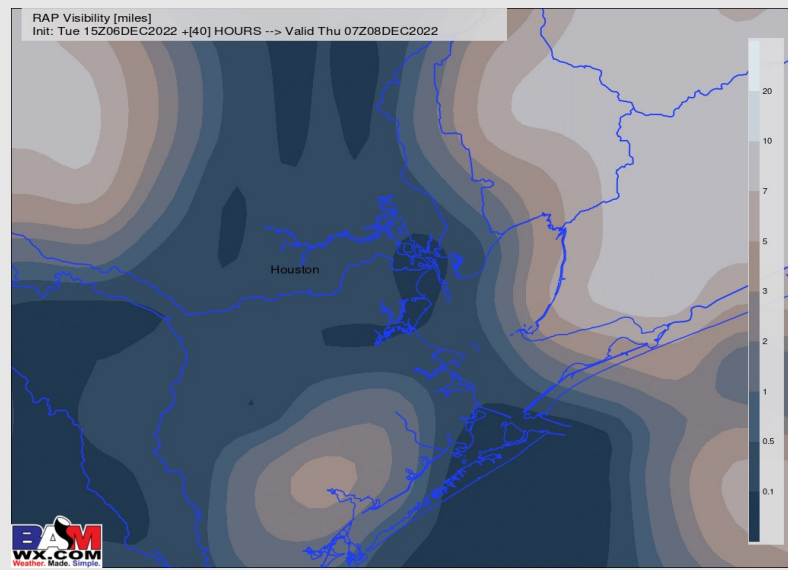
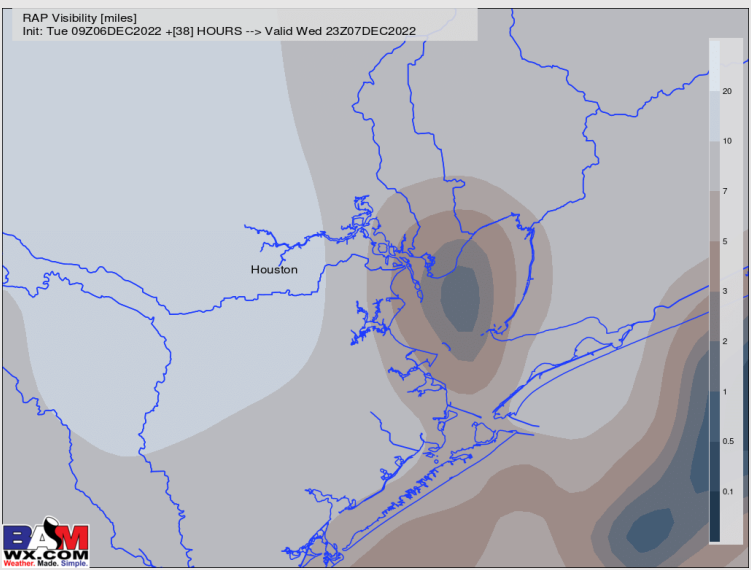
- The period with the lowest forecast confidence comes between 7 PM tonight through 3 AM Wednesday. **Currently, we are not favoring fog across the area in this timeframe, however this window is a non-zero risk for patchy fog for our stations that should be monitored.** (There are a few parameters that are borderline in terms of fog development).
- **After ~3 AM is when confidence & chances increase for impacts from fog. More of a SE wind allows for fog development.** All stations South of Morgan’s Point will be at risk in this timeframe. There is the threat for stations south of Morgan’s Point to see fog linger out through at least Noon-3 PM on Wednesday, especially as patchy drizzle works its way into the region around 10 AM.

Houston Pilots Visibility Report



6 PM WED VISIBILITY 2 AM THU CT VISIBILITY

Confidence



Reduced Visibility Threat
Noon WED – 7 AM THU **Medium**

- Noon to ~7 PM Wednesday will be a window where the extent of any lingering fog is still uncertain, however this is likely a period where most stations can avoid visibility concerns. If there is any patchy fog, it would likely take place at stations south of 63/64 to the boarding station. This is overall the period where details may be very hard to nail down.
- The rest of Wednesday evening and into Thursday morning, there is higher than average confidence being 36-48 hours out that fog will be in the cards again. All stations look to be impacted starting around 9 PM Wednesday evening, and it is likely not until mid-late AM for fog to lift. Fog is likely dense at times with visibility of less than 1 mile.

Houston Pilots Extended Range Visibility Report



Friday 12/9/22

Calm winds of less than 5 kts in the early AM hours. A cold front will move through the area Friday AM and likely wipe out fog chances for the rest of Friday.



Saturday 12/10/22

Strong winds from the east continue in the AM. By the afternoon, winds calm and shift again from the SE. Winds will become more elevated to 17 kts by midnight.



Sunday 12/11/22

Winds will shift from the NW Sunday AM and calm to light and variable in the evening. By midnight winds will again shift from the south.



Chance for Reduced Visibility

| | |
|-------------|----------|
| Friday AM | Possible |
| Friday PM | Unlikely |
| Saturday AM | Possible |
| Saturday PM | Unlikely |
| Sunday AM | Unlikely |
| Sunday PM | Unlikely |

Houston Pilots Visibility Report



| Time | Tue 1pm | Tue 2pm | Tue 3pm | Tue 4pm | Tue 5pm | Tue 6pm | Tue 7pm | Tue 8pm | Tue 9pm | Tue 10pm | Tue 11pm | Wed 12am | Wed 1am | Wed 2am | Wed 3am | Wed 4am | Wed 5am | Wed 6am | Wed 7am | Wed 8am | Wed 9am | Wed 10am | Wed 11am | Wed 12pm | Wed 1pm | Wed 2pm | Wed 3pm | Wed 4pm | Wed 5pm | Wed 6pm | Wed 7pm | Wed 8pm | Wed 9pm | Wed 10pm | Wed 11pm | Thu 12am | | |
|--------------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|----------|----------|----------|---------|---------|---------|---------|---------|---------|---------|---------|---------|----------|----------|----------|---------|---------|---------|---------|---------|---------|---------|---------|---------|----------|----------|----------|---|---|
| 610 Bridge | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 8 | 6 | 5 | 5 | 3 | 3 | 3 | 2 | 3 | 7 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 7 | 6 | 6 | 6 | |
| Kinder 1 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 8 | 6 | 5 | 5 | 3 | 3 | 3 | 2 | 3 | 7 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 6 | 6 | 6 | 6 |
| Greens Bayou | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 8 | 6 | 5 | 5 | 3 | 3 | 3 | 2 | 3 | 7 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 7 | 6 | 6 | 6 | |
| Shell Crude | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 8 | 6 | 5 | 4 | 3 | 3 | 3 | 2 | 3 | 6 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 6 | 6 | 6 | 5 | | |
| Lynchburg Ferries | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 8 | 6 | 5 | 4 | 3 | 3 | 3 | 2 | 3 | 6 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 6 | 6 | 6 | 5 | | |
| Exxon 3 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 7 | 6 | 5 | 4 | 3 | 3 | 3 | 2 | 3 | 6 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 8 | 6 | 6 | 6 | 5 | | |
| Morgans Point | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 7 | 6 | 5 | 4 | 3 | 3 | 3 | 2 | 3 | 6 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 8 | 6 | 6 | 5 | 4 | | |
| 75/76 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 6 | 6 | 5 | 4 | 3 | 3 | 3 | 2 | 2 | 6 | 9 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 7 | 6 | 5 | 5 | 4 | | |
| 63/64 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 8 | 7 | 5 | 4 | 0.85 | 0.52 | 0.52 | 0.38 | 0.52 | 4 | 6 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 9 | 6 | 5 | 4 | 4 | 4 | | |
| 51/52 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 8 | 8 | 5 | 5 | 0.48 | 0.48 | 0.48 | 0.24 | 0.24 | 3 | 6 | 8 | 10 | 9 | 10 | 9 | 9 | 10 | 10 | 7 | 6 | 4 | 4 | 4 | 4 | | |
| 37/38 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 9 | 9 | 5 | 5 | 0.48 | 0.48 | 0.48 | 0.24 | 0.24 | 2 | 5 | 8 | 9 | 9 | 9 | 8 | 8 | 10 | 10 | 7 | 6 | 4 | 4 | 3 | 4 | | |
| 25/26 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 5 | 5 | 0.46 | 0.46 | 0.47 | 0.35 | 0.24 | 2 | 5 | 6 | 8 | 9 | 7 | 7 | 8 | 10 | 10 | 7 | 6 | 4 | 4 | 3 | 2 | | |
| 11/12 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 5 | 2 | 0.38 | 0.35 | 0.47 | 0.35 | 0.24 | 2 | 5 | 6 | 7 | 7 | 7 | 6 | 7 | 10 | 8 | 6 | 6 | 4 | 4 | 3 | 4 | | |
| 1 & 2 Bravo | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 4 | 3 | 0.68 | 0.22 | 1 | 0.22 | 0.22 | 0.33 | 2 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 7 | 5 | 5 | 4 | 3 | 3 | 4 | 6 | |

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

Forecast Discussion

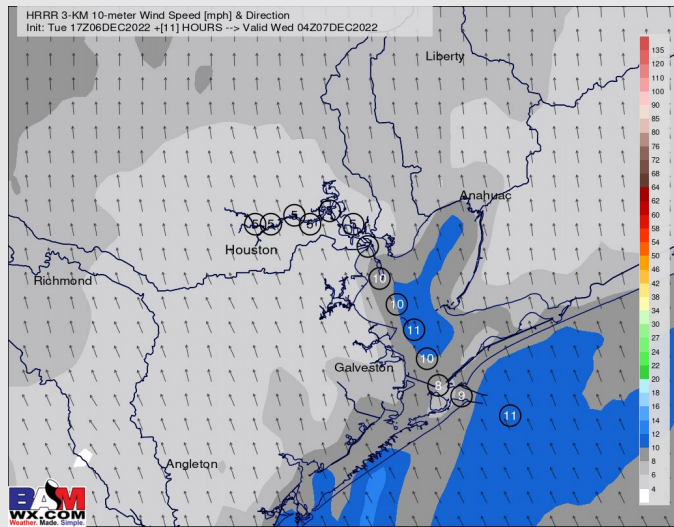
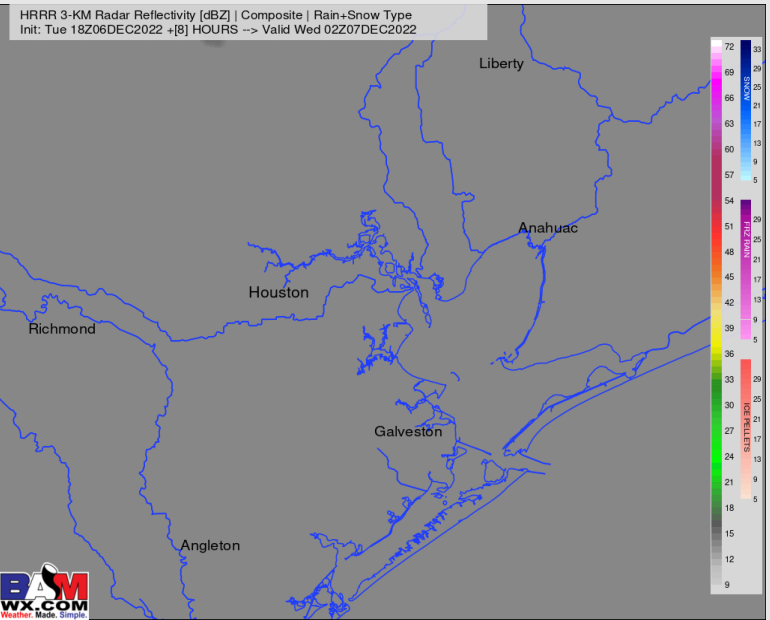
Precip: A slight chance (10%) for a pop-up spotty shower lasting until 5 PM north of Morgan's Point. Otherwise anticipating dry conditions for the evening and overnight.

Wind: Sustained winds from the S this afternoon and at times, the SSE. Winds will be at 8 – 13 kts across all stations, then subside to 6 – 10 kts by 6 PM and remain as such for the rest of the evening.

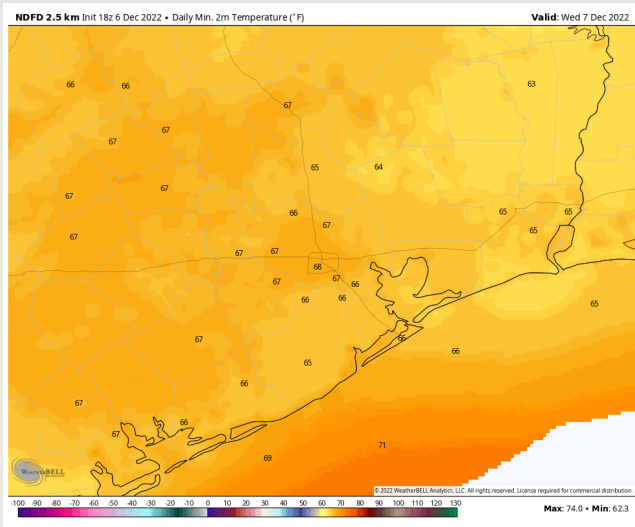
Temps: Low temps Wednesday AM will be sitting around the mid to upper 60s F across all stations.

Visibility: Please see slides above for more information on fog threats.

Precip Forecast: 8 PM CT



Wind Speed
10 PM CT



Low Temps
Wed AM

Forecast Discussion

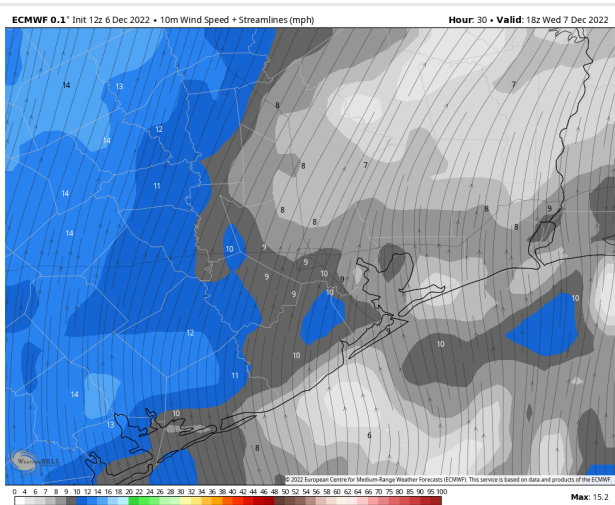
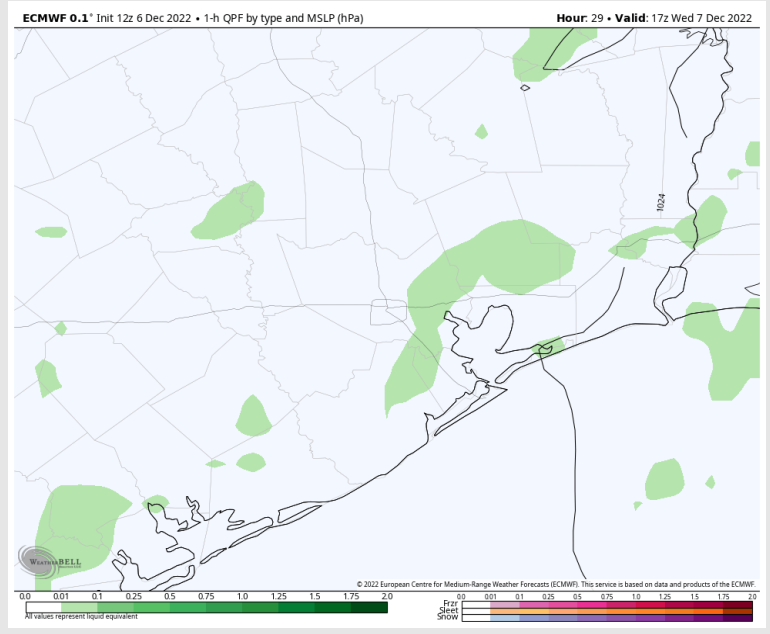
Precip: Wednesday looks to be similar with another shot of hit and miss pockets of drizzle and light rain showers possible for much of the day mainly after 10 AM. Again, not an all-day rain, but chances will stick around.

Wind: Sustained winds out of the S/SE throughout the day. 4 – 8 kts N of Morgan’s Point and 8 – 11 kts S of Morgan’s Point until 12 PM. After 12 PM and for the rest of the evening, winds for all stations are at 7 -12 kts.

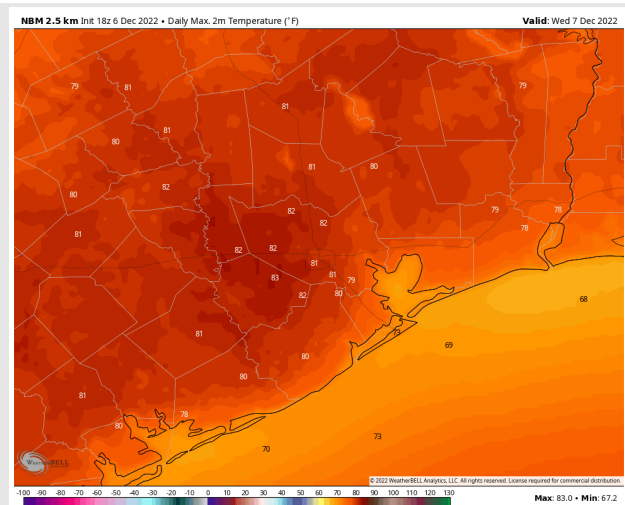
Temps: High temps Wednesday in the lower 70s F south of Morgan’s Point and upper 70s to low 80s F north of Morgan’s Point.

Visibility: Check slides above for more of a breakdown on the fog threat.

Precip Forecast: 11 AM CT



Wind Speed 12 PM CT



High Temps Wednesday

Houston Pilots: Thurs. 12/8/2022



Forecast Discussion

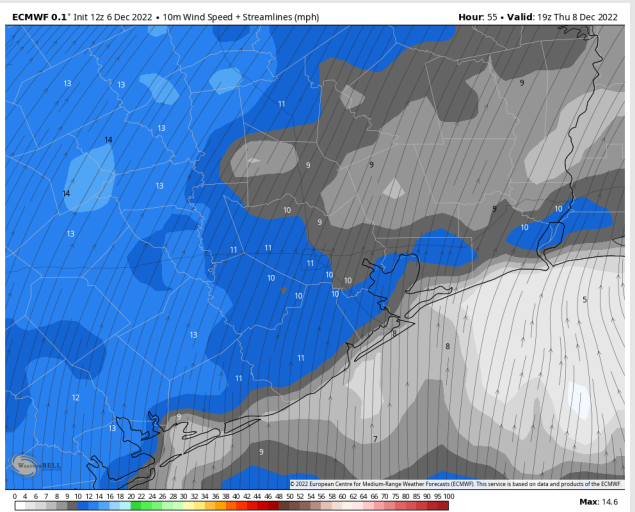
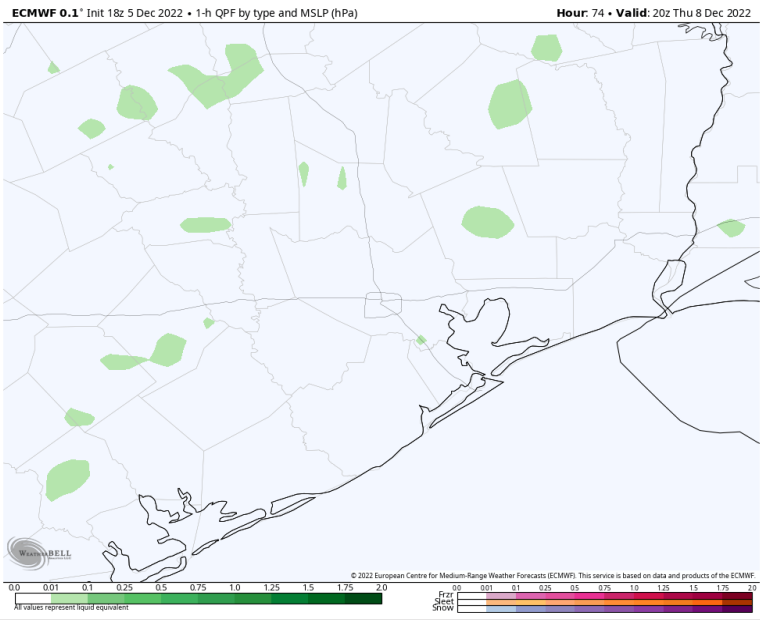
Precip: A slight chance (20%) for a few pockets of drizzle/ light showers during the 1 PM – 4 PM timeframe. Drizzle chances will be more confined to N of Morgan’s Point. Aside from that window, anticipating dry conditions.

Wind: Sustained winds from the SSW to SSE for Thursday. Winds N of Morgan’s Point will start out at 5 – 8 kts, then pickup to 7 – 11 kts across all stations by 10 AM. By 5 PM, winds will range from 5 – 10 kts for the remainder of the afternoon and evening.

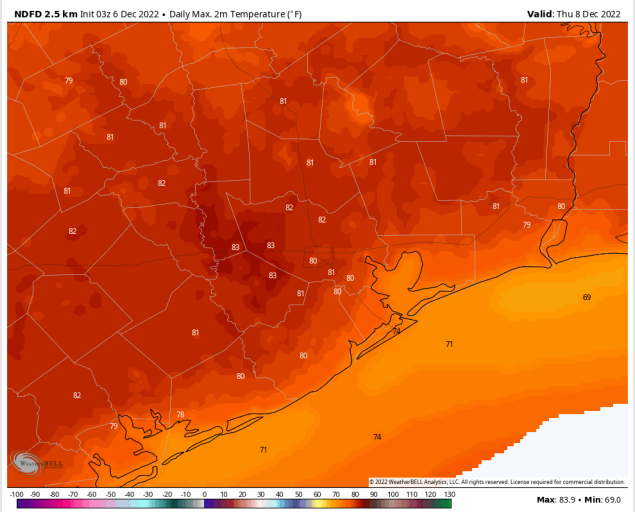
Temps: High temperatures will be near 80 F N of Morgan’s Point and in the mid to lower 70s F S of Morgan’s Point.

Visibility: There will be a low-end risk for patchy fog across all stations for the AM hours. More information will be added in future updates.

Precip Forecast: 2 PM CT

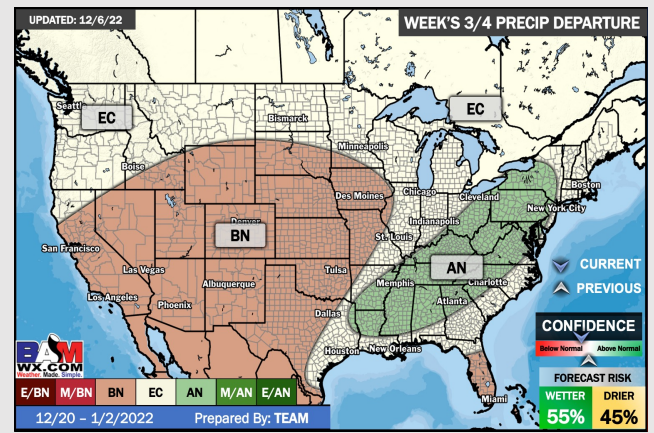
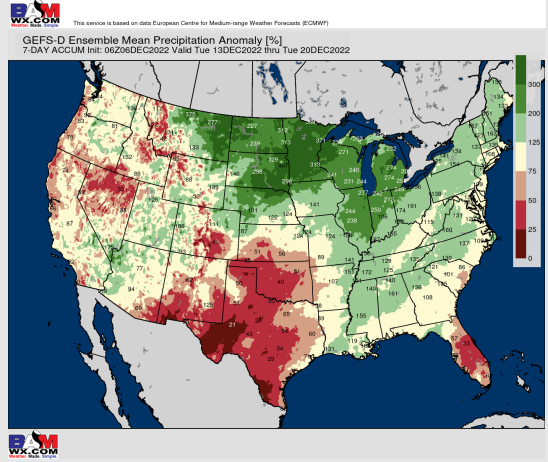
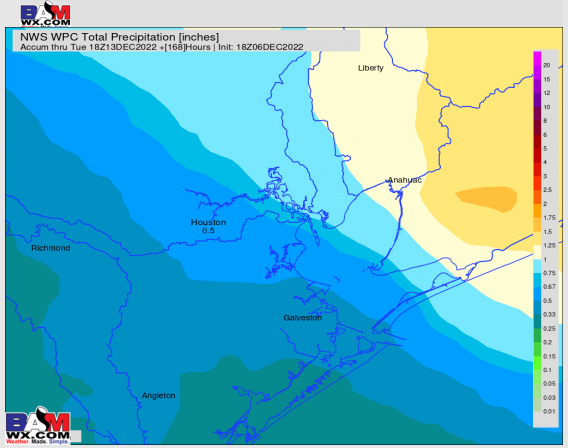
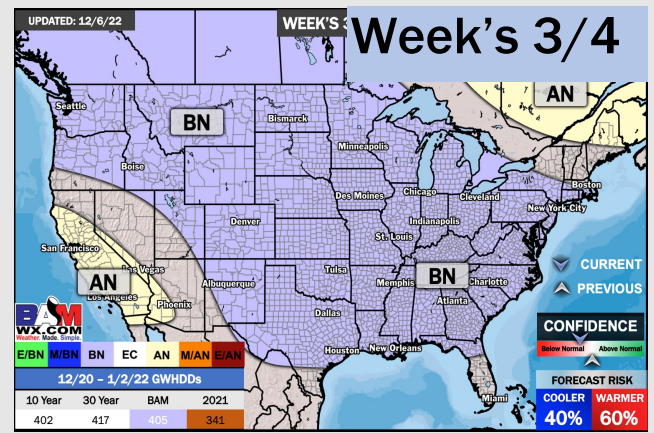
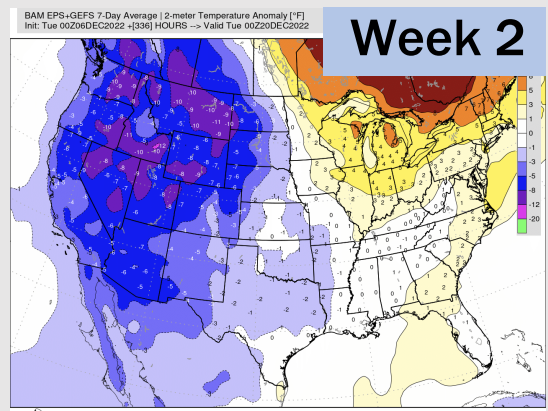
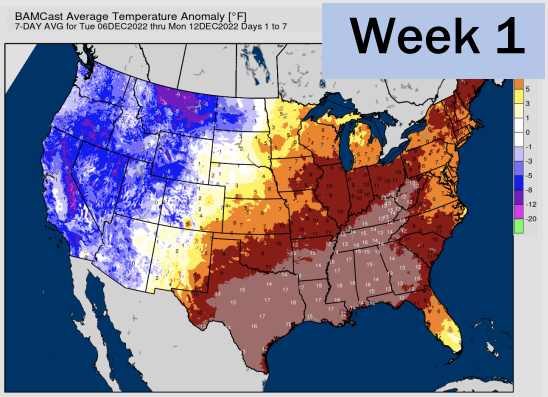


Wind Speed
1 PM CT



High Temps
Thursday

Houston Pilots: 12/6/22



- Minor, hit and miss light rain chances will be possible the next several days. Best chances overall come next Monday-Tuesday with temps staying above average.
- Week 2 is expected to be near normal for temperatures and below normal to near normal for rain chances for mid December.
- The weeks ¾ timeframe looks to feature slightly below normal temperatures and equal chances for precipitation.