

# Houston Pilots Forecast Package



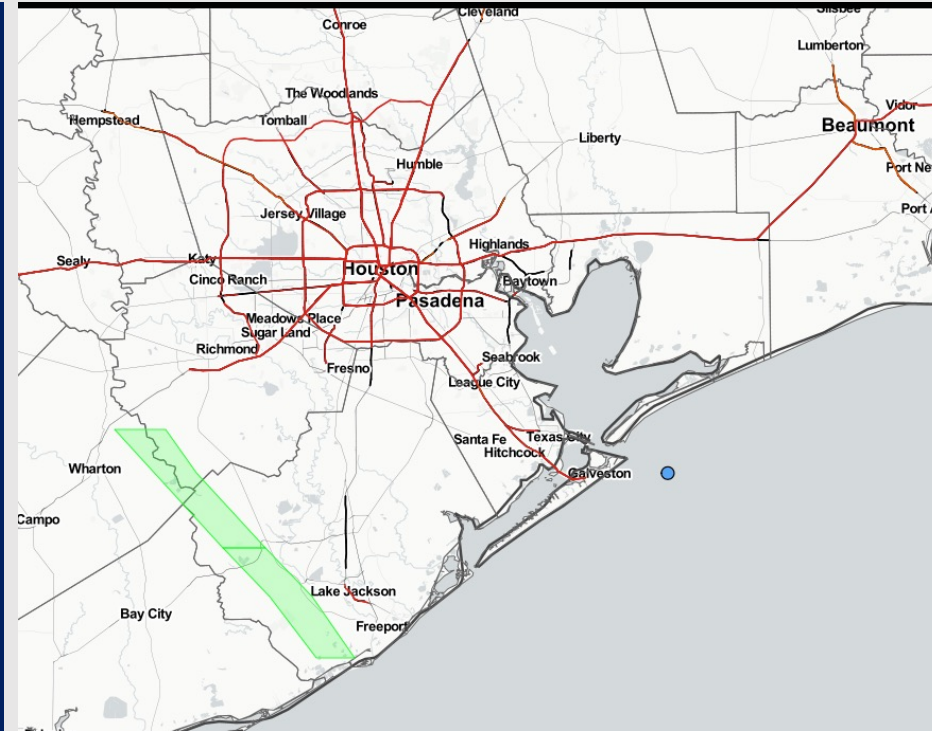
Updated: 5:00 AM CT

Monday, November 28, 2022

Forecaster: Vince Bryan

## Weather Headlines

- Anticipating dry conditions for today. Next shot of rain comes into the area tomorrow. A low-end risk for a few strong storms will be possible Tuesday. Favoring dry conditions for Wednesday.
- Winds will continue to remain elevated over the next few days with winds \*generally\* sitting 15-20 knots at the boarding station (more info on slides below). Looking at wind gusts of around 25 kts possible Wednesday.
- **Eyeing potential fog/reduced visibility from rain/low clouds on Tuesday. More details on the slides below.**
- Eyeing additional fog threats toward the end of the week/weekend.



**Radar/NWS Alerts: 5:00 AM CT**

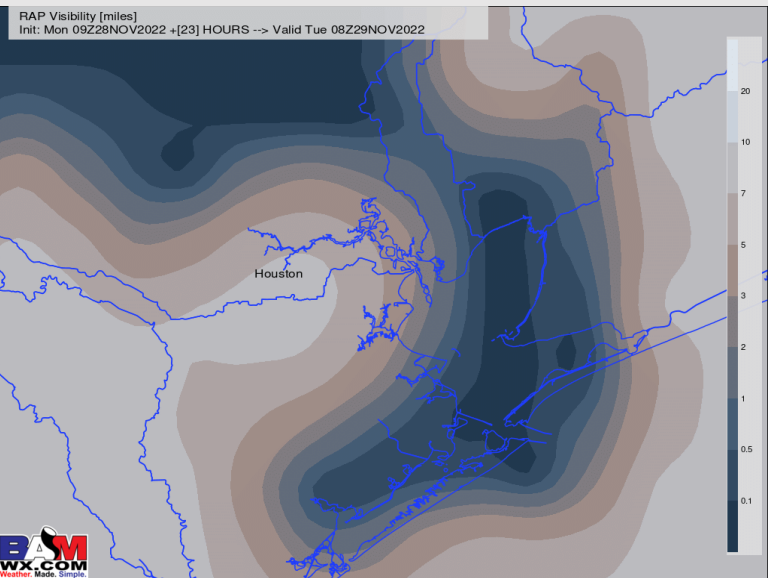


As always, please do not hesitate to reach out to us with any forecast questions via the chat option on the Weather Porthole or our on-call number, **(317)-560-8122** press 1 for forecast questions.

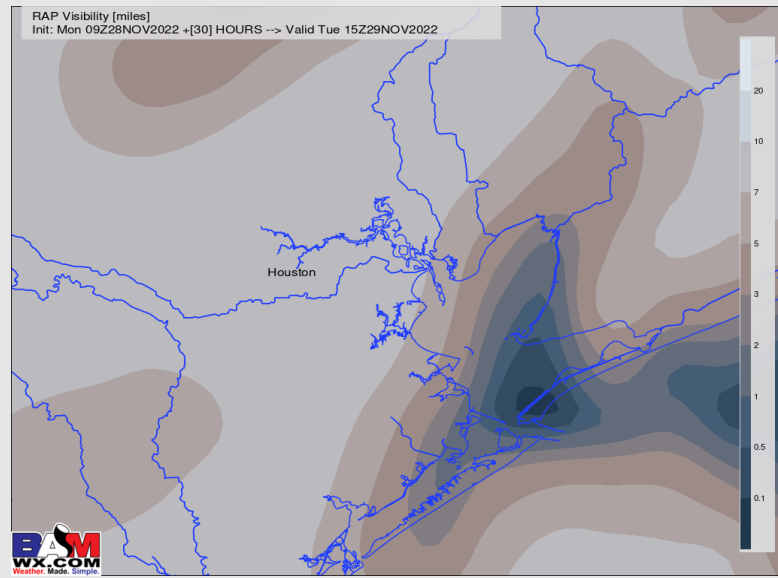
# Houston Pilots Visibility Report



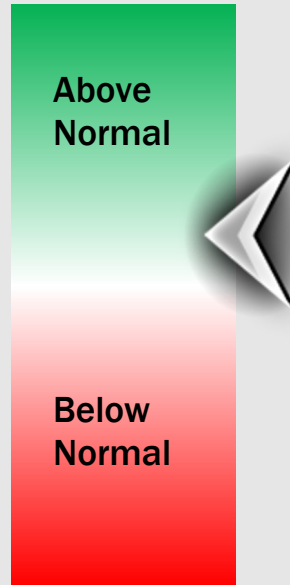
## 1 AM TUE Visibility



## 11 AM TUE Visibility



## Confidence



**Reduced Visibility Threat**

**~11 PM Mon – Noon Tue**      **Medium**

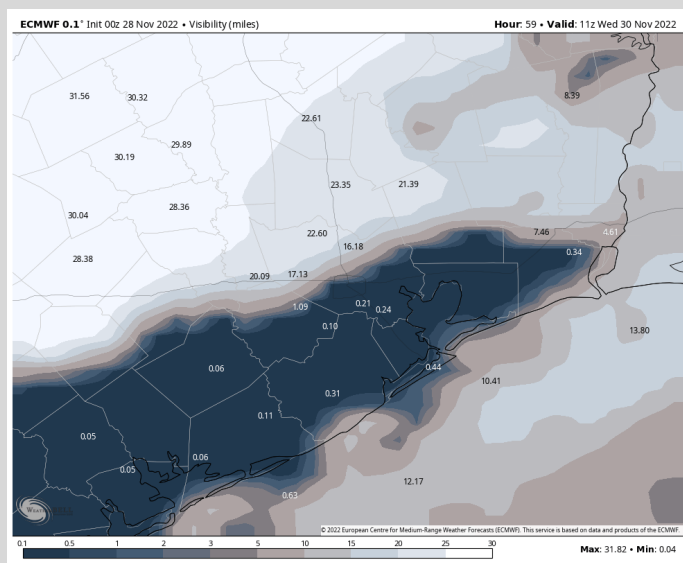
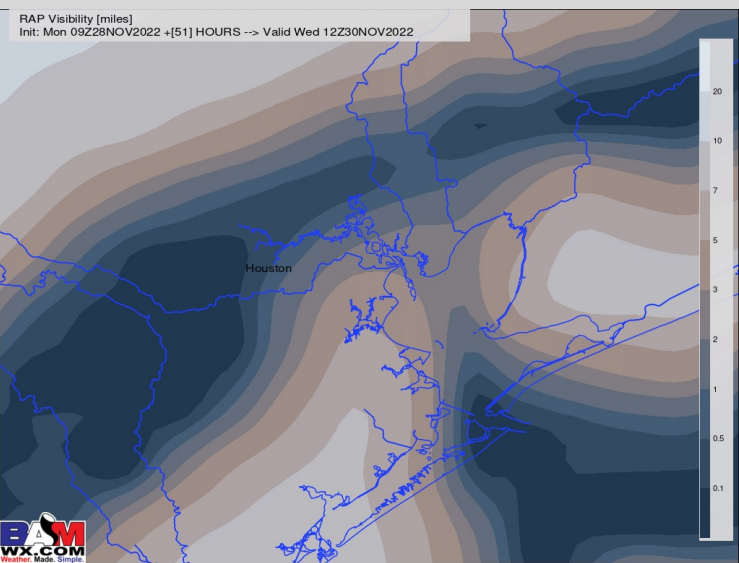
- As winds turn more out of the Southeast this evening, the threat for fog will be in the forecast starting around ~11 PM tonight. Initially, this threat would likely start for areas near the Boarding Station before spreading north, however lower confidence on the exact progression of how fog can spread.
- All stations will be at play for patchy fog through the overnight hours continuing into Tuesday ~mid-morning. Dense fog will certainly be possible with visibilities dropping below 1 mile at times (although there are likely breaks given the patchy nature).
- Where there are breaks, lowered visibility of a few miles (2-5) will still be possible given a continued low cloud deck and hit and miss showers around the area.
- By mid-morning and through the early afternoon hours of Tuesday, any sea fog is likely broken, but will still be possible at just about any point in the day.
- Slide below discusses the risk into Tuesday PM – Wednesday AM.

# Houston Pilots Visibility Report



## 8 PM TUE Visibility      6 AM WED Visibility

## Confidence



**Reduced Visibility Threat**

Noon TUE – 9 AM Wed      **Medium**

- Pockets of patchy sea fog will be possible through the mid-afternoon Tuesday, however mid-day Tuesday is likely the best chance for a break in any sea fog. Once again, all stations run the risk of seeing reduced visibility between fog/ low clouds/ pockets of rain.
- Better opportunity for more widespread fog works into the picture near sundown Tuesday and would continue to be possible all the way through Wednesday AM.
- Currently targeting the 7-9 AM timeframe Wednesday as a cold front will sweep through the area and turn the winds out of the N and eliminate the fog threat.

# Houston Pilots Extended Range Visibility Report



## Thursday 12/1/22

Anticipating no fog issues with high pressure and dry air filling in the region.



## Friday 12/2/22

Scattered showers and storms over the region will help to saturate the air, however wind direction out of the ENE working against favorable fog setup in the AM. Towards the PM hours, winds shift out of the SE for a more conducive patchy fog setup



## Saturday 12/3/22

Favorable wind pattern for fog with winds from the SE on Saturday. While the AM hours initially look a little dry, spotty showers will work their way towards the region with relatively calm winds (3 - 7 kts) in the afternoon. Air will become much more saturated at the low levels with the onset of spotty showers.



## Chance for Reduced Visibility

Thursday AM	Unlikely
Thursday PM	Unlikely
Friday AM	Unlikely
Friday PM	Possible
Saturday AM	Possible
Saturday PM	Possible

# Houston Pilots Visibility Report



Time	Mon 3am	Mon 4am	Mon 5am	Mon 6am	Mon 7am	Mon 8am	Mon 9am	Mon 10am	Mon 11am	Mon 12pm	Mon 1pm	Mon 2pm	Mon 3pm	Mon 4pm	Mon 5pm	Mon 6pm	Mon 7pm	Mon 8pm	Mon 9pm	Mon 10pm	Mon 11pm	Tue 12am	Tue 1am	Tue 2am	Tue 3am	Tue 4am	Tue 5am	Tue 6am	Tue 7am	Tue 8am	Tue 9am	Tue 10am	Tue 11am	Tue 12pm	Tue 1pm	Tue 2pm	
610 Bridge	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	9	7	5	4	4	4	5	6	4	3	3	5	7	9	9	9	
Kinder 1	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	9	7	5	4	4	4	5	6	4	3	3	5	7	9	9	9	
Greens Bayou	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	8	7	5	4	4	4	5	6	4	3	4	6	7	9	9	9	
Shell Crude	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	9	9	8	7	5	4	4	5	5	6	5	3	4	6	7	9	9	9	
Lynchburg Ferries	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	9	9	8	7	5	4	4	5	5	6	5	3	4	6	7	9	9	9	
Exxon 3	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	9	9	9	9	9	7	7	5	4	4	5	5	6	5	3	4	6	7	8	8	9
Morgans Point	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	9	9	9	9	9	6	7	5	4	5	5	5	6	5	4	5	6	7	8	8	8
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25/26	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	9	8	8	7	7	7	6	6	6	7	7	7	7	6	5	4	6	6	6	4	3
11/12	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	9	8	8	7	7	7	7	7	7	7	7	7	7	7	5	4	5	6	6	4	2
1 & 2 Bravo	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	9	8	8	7	7	7	7	7	7	7	7	7	7	6	4	4	6	6	3	1	



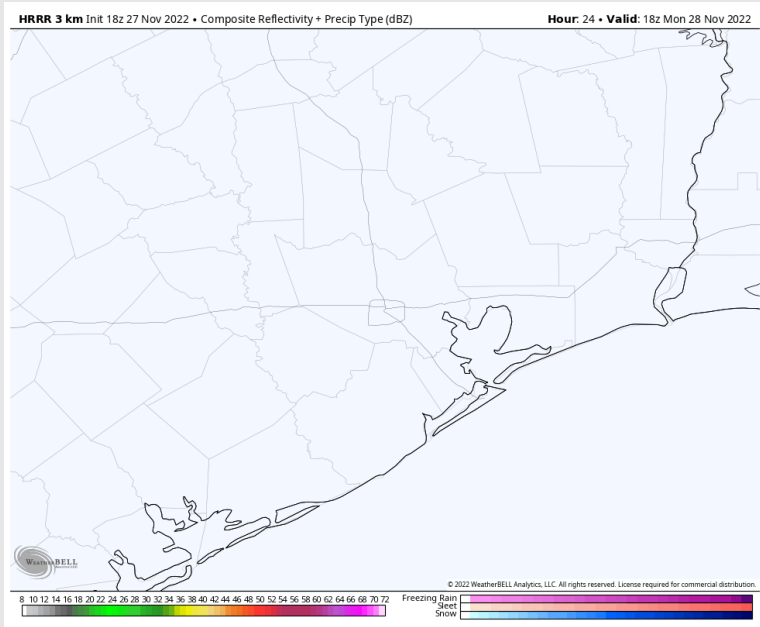
# Houston Pilots: Mon. 11/28/2022



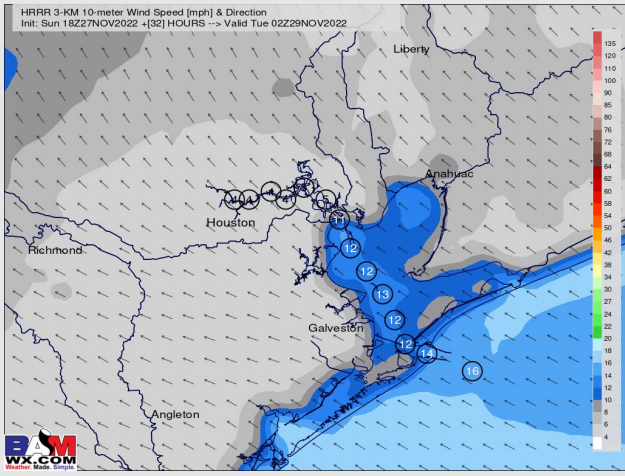
## Forecast Discussion

- Precip:** Anticipating dry conditions today.
- Wind:** Sustained winds start out of the N/NE 1 – 5 kts N of Morgan’s Point and winds S of Morgan’s Point 5 – 10 kts. Winds near ~Noon will come out of the E and calm to 2 – 6 kts. By 4 PM, winds will shift out of the SE for all stations and slightly pick up at 5 - 8 kts S of Morgan’s Point. Winds will continue to increase into the evening at 10 – 15 kts S of Morgan’s Point.
- Temps:** Highs temps Monday near 70 F for all stations.
- Visibility:** Check slides above for more details

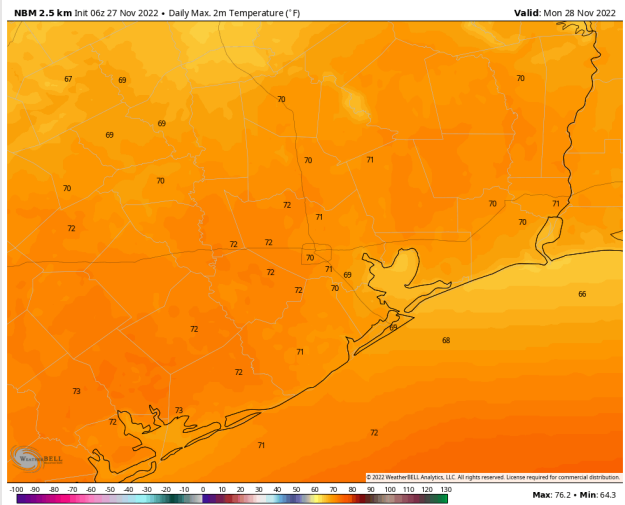
## Precip Forecast: 12 PM CT



Wind Speed  
8 PM CT



High Temps  
Monday



# Houston Pilots: Tue. 11/29/2022



## Forecast Discussion

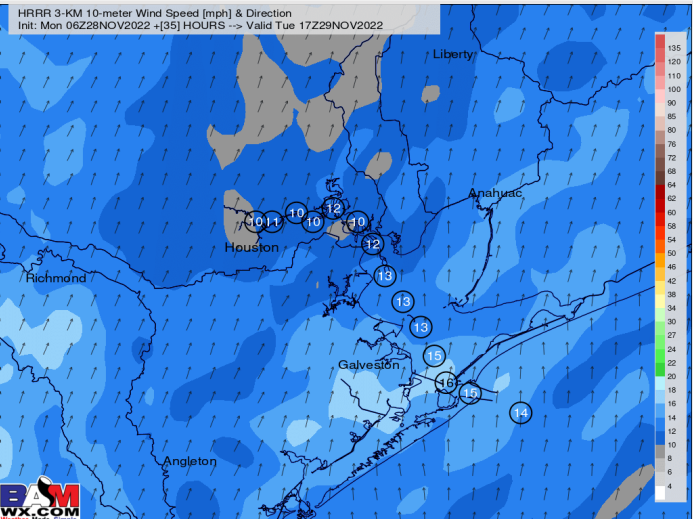
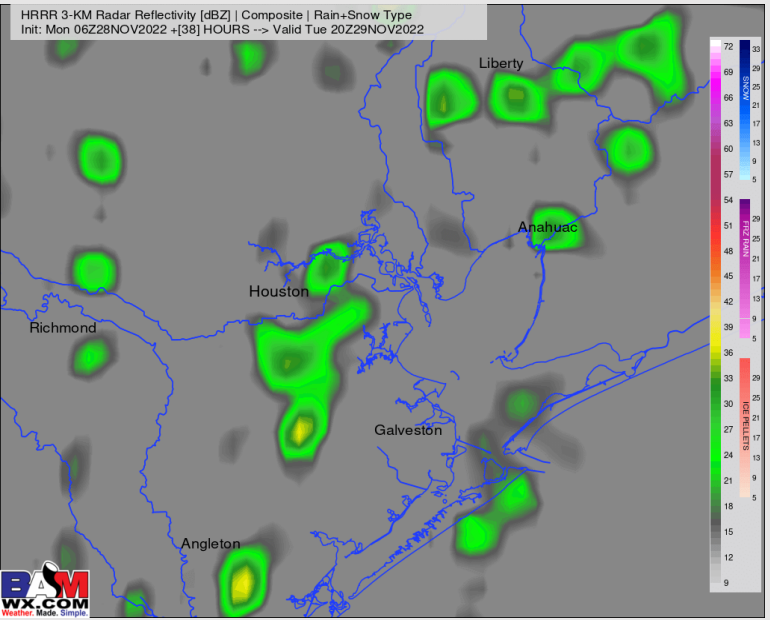
**Precip:** Favoring dry conditions until 3-5 AM when \*scattered\* showers and storms begin to work into the region (40% chance of rain). Chances will continue through 4 PM, where shower/storm chances decrease to 10-20% until 9 PM. Favoring dry conditions after 9 PM. Tuesday is not a complete washout.

**Wind:** Winds will be out of the S/SSW most of the day. Winds N of Morgan's Point will be 8 - 13 kts and S of Morgan's Point will be 11 - 16 kts. Around 11 AM winds will pick up and be 14 - 20 kts across all stations. Around 8 PM winds will begin to calm to 6 - 10 kts N of Morgan's Point and 10 - 14 kts S of Morgan's Point.

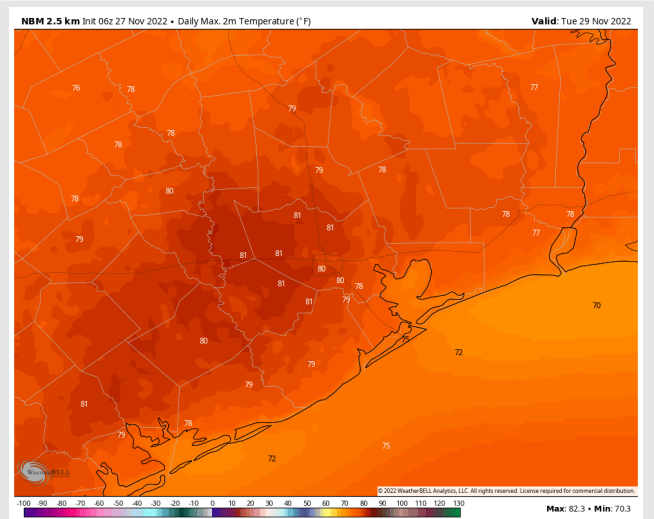
**Temps:** High temps will be near 80 F N of Morgan's Point and low/mid 70s F S of Morgan's Point.

**Visibility:** Patchy to dense fog will be likely with a low cloud deck for both Tuesday AM and PM. See slides above.

## Precip Forecast: 3 PM CT



Wind Speed  
1 PM CT



High Temps  
Tuesday



## Forecast Discussion

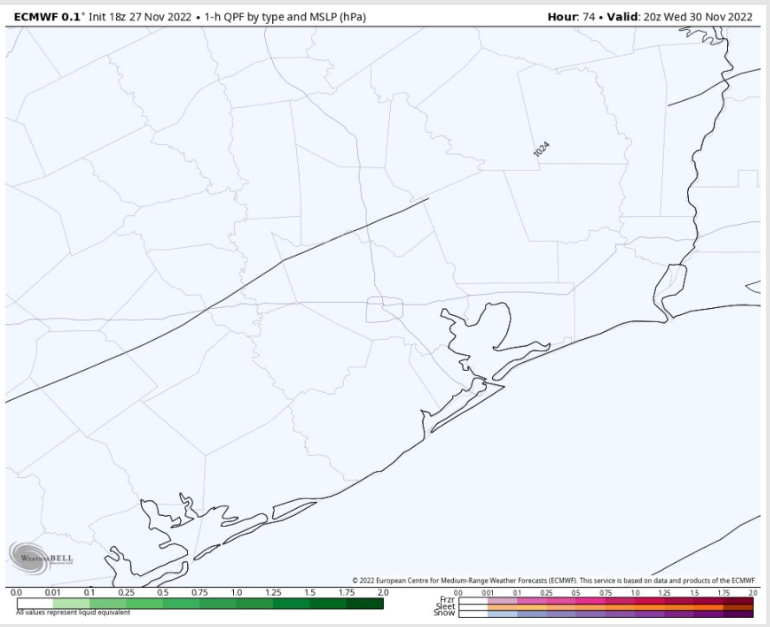
**Precip:** A slight chance (~20%) for leftover showers at the boarding station through daybreak exists. The rest of Wednesday looks dry.

**Wind:** SW winds in the early AM will shift from the N/NNE by 10 AM and remain as such for the rest of the day. By 10 AM winds N of Morgan's Point will be at 10 – 16 kts and S of Morgan's Point will be elevated at 16 – 21 kts. Winds at the Boarding station will be near sustained at 20 – 22 kts. Wind gust of up to 25 kts will be possible across all stations, mainly from 10 AM – 3 PM.

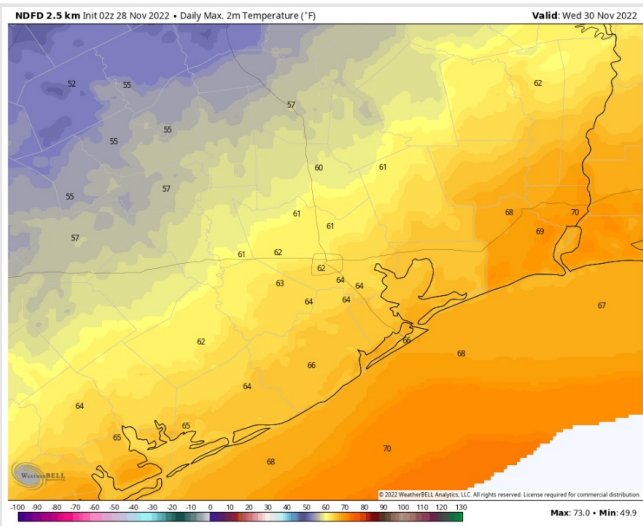
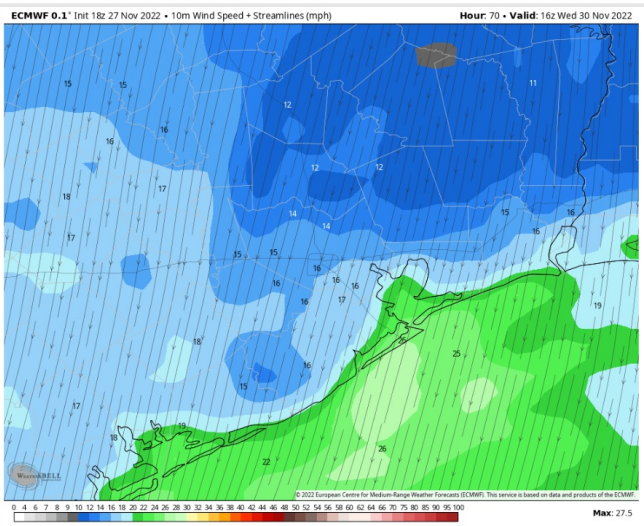
**Temps:** High temps Wednesday will be in the mid 60s F across all stations, Boarding station will be in the upper 60s F.

**Visibility:** Patchy fog will continue to be possible, however the cold front likely ushers any fog out of the area around daybreak. Wednesday daytime hours will not have fog potential.

## Precip Forecast: 2 PM CT

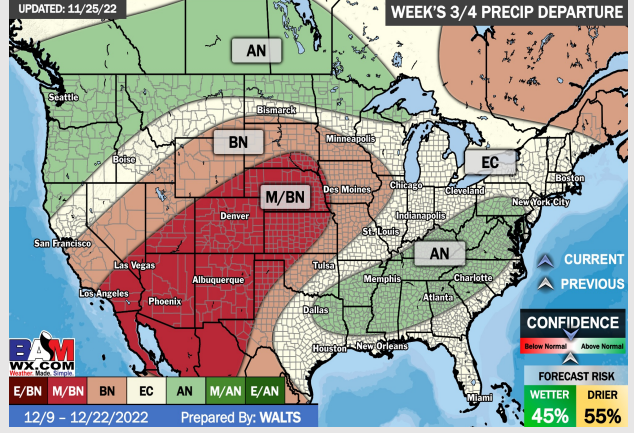
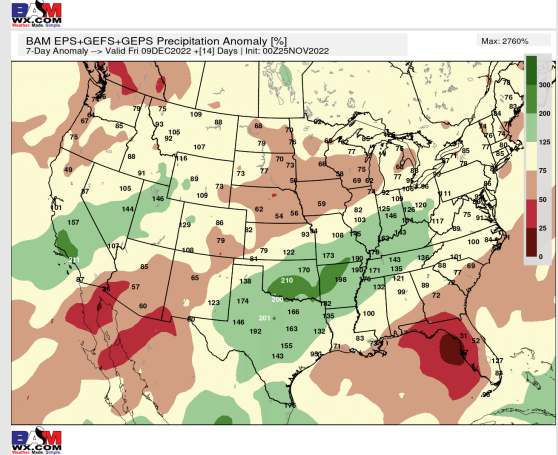
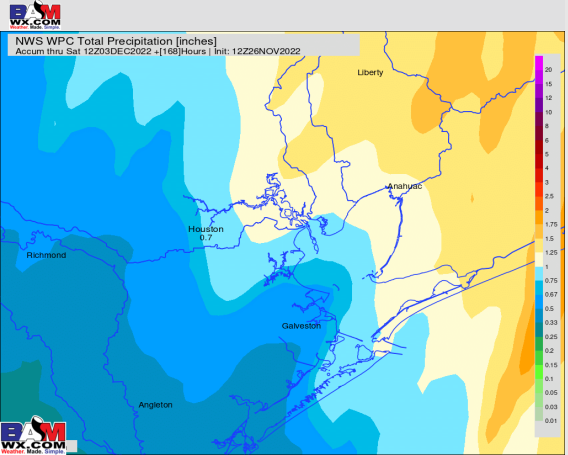
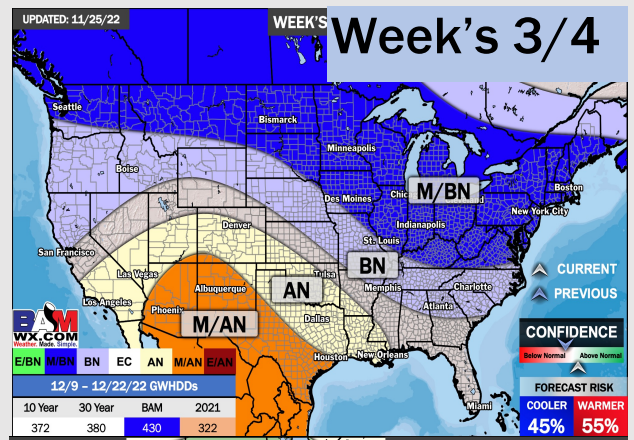
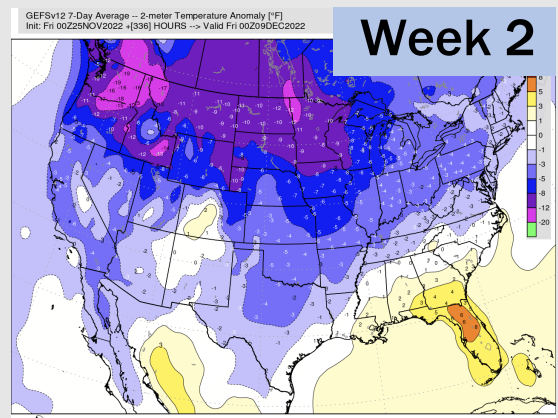
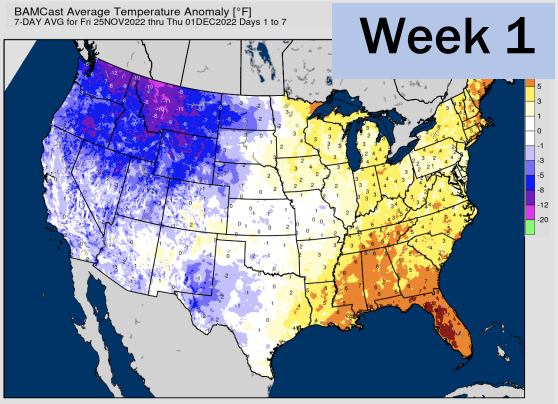


Wind Speed  
11 AM CT



High Temps  
Wednesday

# Houston Pilots: 11/28/22



- Next rain chances on Tuesday – Wednesday AM of this coming week. Week 1 temperatures to be slightly above normal.
- Week 2 is expected to be near normal for temperatures and near normal for rain chances into early December.
- The weeks ¾ timeframe looks to feature above normal temperatures and below normal risks for precipitation.