

# Houston Pilots Forecast Package



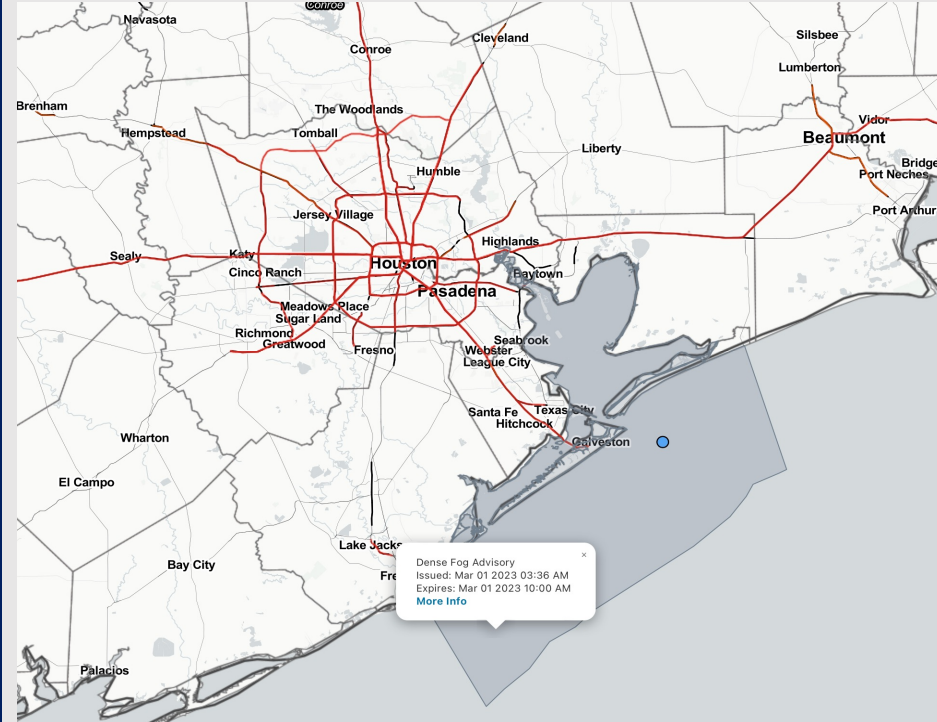
Updated: 5:00 AM CT

Wednesday, March 1, 2023

Forecaster: Alyssa McClung

## Weather Headlines

- **Low end risk for patchy fog / low cloud deck this morning with visibilities between 2 – 4 miles (isolated instances of less than 2 miles). Daily fog chances will be on the table through Thursday before a strong cold front works through and wipes fog chances out by Friday.**
- **Isolated shower chances on the order of <20% are expected throughout the week.**
- **Highest risk of seeing waves at/just above 6 - 8+ feet comes late Thursday afternoon through daybreak Friday. This will be because of strong Southerly winds.**
- **Thursday looks to hold particularly strong sustained winds in the 15 – 20 kt range with gusts of up to 30 kts possible. As the cold front arrives late THU PM/Early FRI AM, gusts could be as high as ~40 kts.**



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



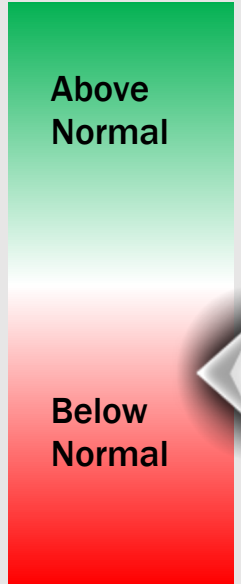
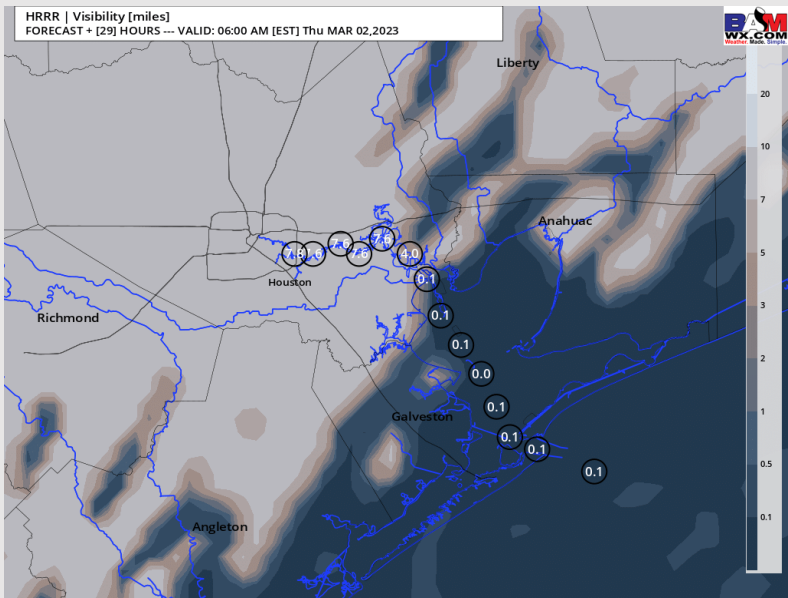
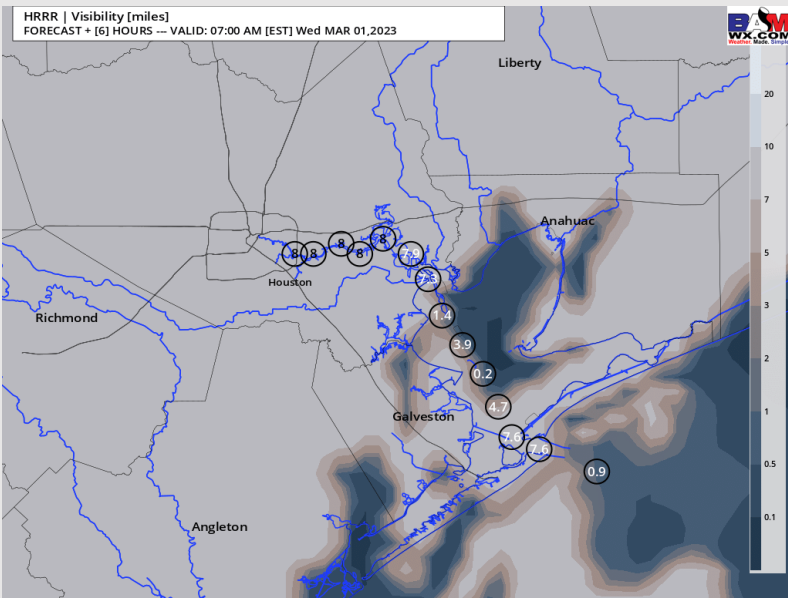
As always, please do not hesitate to reach out to us with any forecast questions via the chat option on the Weather Porthole or our on-call number, **(317)-560-8122** press 1 for forecast questions.

# Houston Pilots Visibility Report



## 6 AM CT WED VISIBILITY      5 AM CT THU VISIBILITY

## Confidence



| TIMEFRAME DISCUSSED | THREAT    |
|---------------------|-----------|
| CURRENT - 1 PM THU  | Low - Med |

- Lower cloud deck this morning reducing visibilities to 2 - 4 miles primarily for stations south of Morgan's Point. Brief periods of visibility less than 2 miles cannot be ruled out, especially for the Boarding Station and Station 11/12. Expecting this low end threat to lift around the 1 PM today keeping conditions clear out through 7 PM.
- After 7 PM, anticipating the threat for widespread sea fog / low cloud deck to return for stations south of Morgan's Point reducing visibilities down to 2 - 4 miles with periods of 2 mile or less visibility (especially for the Boarding Station and Station 11/12). Stations north of Morgan's Point at risk patchy fog reducing visibilities to 3 - 5 miles.
- Expecting this fog threat to continue out through the 1 PM timeframe Thursday.

# Houston Pilots Extended Range Visibility Report



## Saturday 3/4/23

Fog is not likely on Saturday as drier air will still be around from the front that will pass through late Thursday/early Friday.



## Monday 3/6/23

SE winds will be possible all day Monday, allowing sea fog development to be possible.



## Sunday 3/5/23

Easterly winds will be possible on Sunday and could veer more from the SE during the PM hours. Late Sunday night into Monday AM would be a risk to watch.



## Chance for Reduced Visibility

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

# Houston Pilots Visibility Report



| Time              | 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 | Thu 1am | Thu 2am | Thu 3am | Thu 4am | Thu 5am | Thu 6am | Thu 7am | Thu 8am | Thu 9am | Thu 10am | Thu 11am | Thu 12pm | Thu 1pm | Thu 2pm | Thu 3pm |    |
|-------------------|---------|---------|---------|---------|---------|---------|----------|----------|----------|---------|---------|---------|---------|---------|---------|---------|---------|---------|----------|----------|----------|---------|---------|---------|---------|---------|---------|---------|---------|---------|----------|----------|----------|---------|---------|---------|----|
| 610 Bridge        | 10      | 6       | 6       | 6       | 6       | 8       | 10       | 10       | 10       | 10      | 10      | 10      | 10      | 10      | 10      | 10      | 10      | 8       | 6        | 6        | 6        | 5       | 5       | 5       | 5       | 6       | 6       | 5       | 5       | 6       | 8        | 10       | 10       | 10      | 10      | 10      | 10 |
| Kinder 1          | 10      | 6       | 6       | 6       | 6       | 8       | 10       | 10       | 10       | 10      | 10      | 10      | 10      | 10      | 10      | 10      | 10      | 8       | 7        | 7        | 6        | 5       | 5       | 5       | 5       | 6       | 6       | 5       | 5       | 6       | 8        | 10       | 10       | 10      | 10      | 10      | 10 |
| Greens Bayou      | 10      | 6       | 6       | 5       | 6       | 8       | 10       | 10       | 10       | 10      | 10      | 10      | 10      | 10      | 10      | 10      | 10      | 8       | 7        | 7        | 7        | 5       | 5       | 5       | 5       | 6       | 6       | 5       | 5       | 6       | 8        | 10       | 10       | 10      | 10      | 10      | 10 |
| Shell Crude       | 10      | 6       | 6       | 5       | 6       | 8       | 10       | 10       | 10       | 10      | 10      | 10      | 10      | 10      | 10      | 10      | 10      | 8       | 8        | 8        | 7        | 5       | 5       | 5       | 5       | 5       | 6       | 4       | 4       | 6       | 8        | 10       | 10       | 10      | 10      | 10      | 10 |
| Lynchburg Ferries | 10      | 6       | 6       | 5       | 6       | 8       | 10       | 10       | 10       | 10      | 10      | 10      | 10      | 10      | 10      | 10      | 10      | 8       | 8        | 8        | 7        | 5       | 5       | 5       | 5       | 5       | 6       | 4       | 4       | 6       | 9        | 10       | 10       | 10      | 10      | 10      | 10 |
| Exxon 3           | 10      | 6       | 6       | 5       | 6       | 8       | 10       | 10       | 10       | 10      | 10      | 10      | 10      | 10      | 10      | 10      | 10      | 8       | 8        | 8        | 7        | 5       | 5       | 5       | 4       | 5       | 6       | 4       | 4       | 6       | 8        | 10       | 10       | 10      | 10      | 10      | 10 |
| Morgans Point     | 10      | 6       | 6       | 5       | 6       | 8       | 10       | 10       | 10       | 10      | 10      | 10      | 10      | 10      | 10      | 10      | 10      | 8       | 8        | 8        | 7        | 5       | 5       | 5       | 4       | 5       | 6       | 4       | 4       | 6       | 8        | 10       | 10       | 10      | 10      | 10      | 10 |
| 75/76             | 10      | 6       | 6       | 5       | 6       | 8       | 10       | 10       | 10       | 10      | 10      | 10      | 10      | 10      | 10      | 10      | 9       | 8       | 8        | 8        | 7        | 5       | 4       | 4       | 4       | 5       | 6       | 4       | 4       | 6       | 8        | 10       | 10       | 10      | 10      | 10      | 9  |
| 63/64             | 9       | 6       | 6       | 5       | 6       | 8       | 10       | 10       | 10       | 10      | 10      | 10      | 10      | 10      | 10      | 10      | 8       | 8       | 8        | 8        | 6        | 4       | 4       | 4       | 4       | 5       | 6       | 4       | 4       | 6       | 8        | 10       | 10       | 10      | 10      | 10      | 9  |
| 51/52             | 6       | 5       | 5       | 4       | 5       | 8       | 10       | 10       | 10       | 10      | 10      | 10      | 10      | 10      | 9       | 9       | 8       | 8       | 8        | 8        | 5        | 4       | 4       | 4       | 4       | 5       | 6       | 4       | 4       | 6       | 8        | 8        | 8        | 8       | 8       | 8       | 8  |
| 37/38             | 5       | 3       | 4       | 4       | 4       | 7       | 10       | 10       | 9        | 9       | 8       | 10      | 9       | 7       | 7       | 6       | 8       | 8       | 8        | 7        | 4        | 4       | 4       | 4       | 4       | 5       | 6       | 4       | 4       | 5       | 6        | 6        | 7        | 8       | 8       | 8       | 7  |
| 25/26             | 3       | 3       | 3       | 4       | 4       | 6       | 10       | 9        | 7        | 7       | 7       | 7       | 7       | 6       | 6       | 6       | 8       | 8       | 8        | 5        | 4        | 4       | 4       | 4       | 4       | 5       | 6       | 4       | 4       | 5       | 6        | 6        | 8        | 8       | 8       | 8       | 9  |
| 11/12             | 3       | 2       | 4       | 4       | 4       | 6       | 9        | 9        | 6        | 6       | 6       | 6       | 6       | 6       | 5       | 5       | 7       | 7       | 6        | 4        | 4        | 4       | 3       | 3       | 4       | 4       | 5       | 4       | 3       | 4       | 6        | 6        | 8        | 8       | 8       | 8       | 7  |
| 1 & 2 Bravo       | 3       | 3       | 4       | 4       | 4       | 5       | 9        | 5        | 4        | 6       | 6       | 6       | 6       | 6       | 5       | 5       | 8       | 8       | 6        | 3        | 3        | 3       | 3       | 3       | 3       | 4       | 3       | 3       | 3       | 8       | 6        | 8        | 8        | 8       | 8       | 7       |    |





## Forecast Discussion

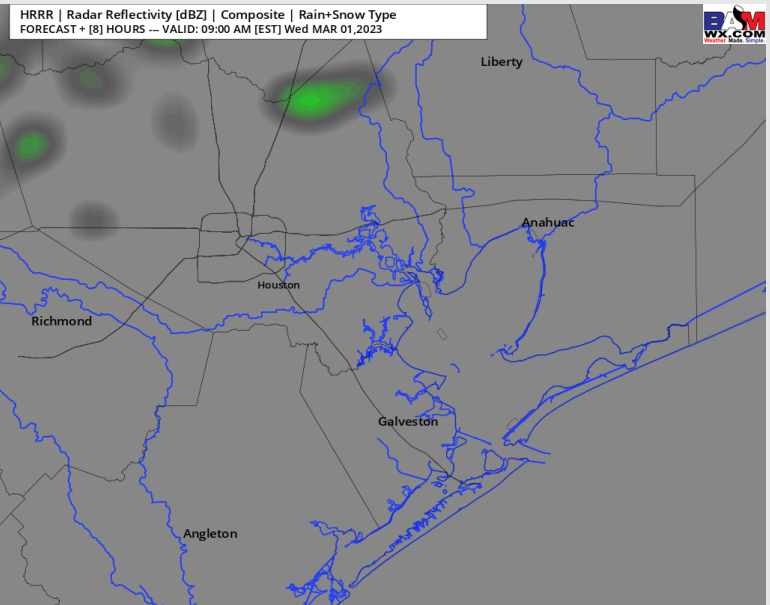
**Precip:** Favoring dry conditions throughout the day Wednesday. An isolated 20% chance for a light shower between 10 AM – 2 PM, anticipating the better rain chances to remain N. of HOU Metro.

**Wind:** Sustained winds out of the S - SSE all day. Winds north of Morgan's Point will be at 6 – 10 kts until 9 AM where winds increase to 10 – 15 kts and stay that way the rest of the day. Winds south of Morgan's Point will be at 10 – 15 kts throughout the day with occasional gusts 18 - 23 kts.

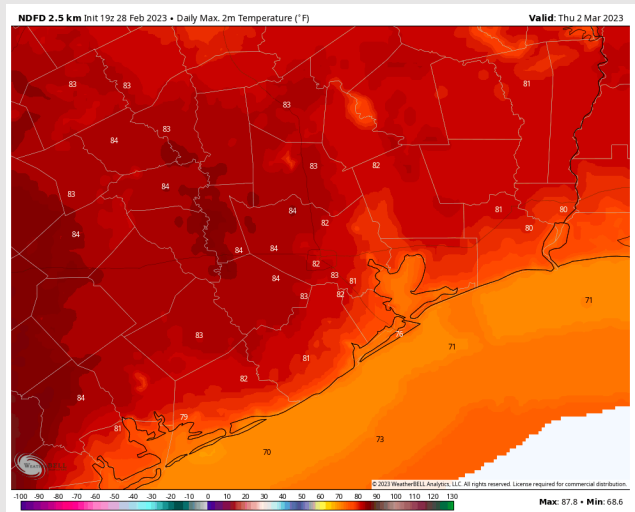
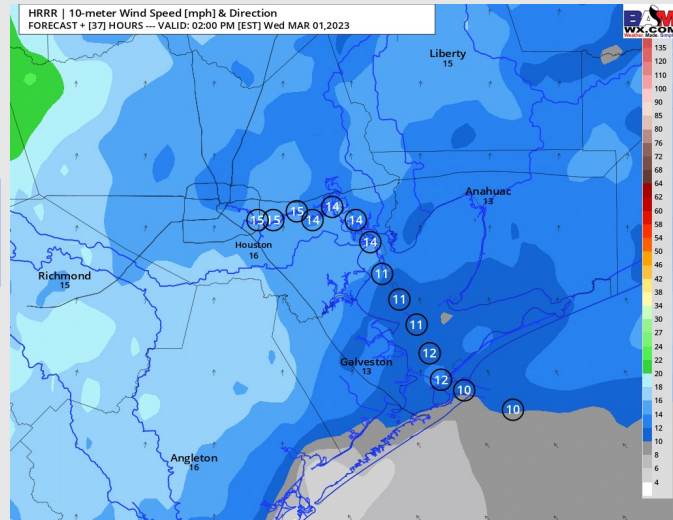
**Temps:** High temperatures Wednesday in the 70s F for stations south of Morgan's Point. Stations north of Morgan's Point in the near 80s F.

**Visibility:** Patchy sea fog will once again be possible (biggest threats coming in the early-mid AM hours & after sundown). Slightly elevated winds during the day likely limit the threat for the late AM – mid PM hours.

## Precip Forecast: 8 AM CT



Wind Speed  
1 PM CT



High Temps  
Today

# Houston Pilots: Thu. 3/2/2023



## Forecast Discussion

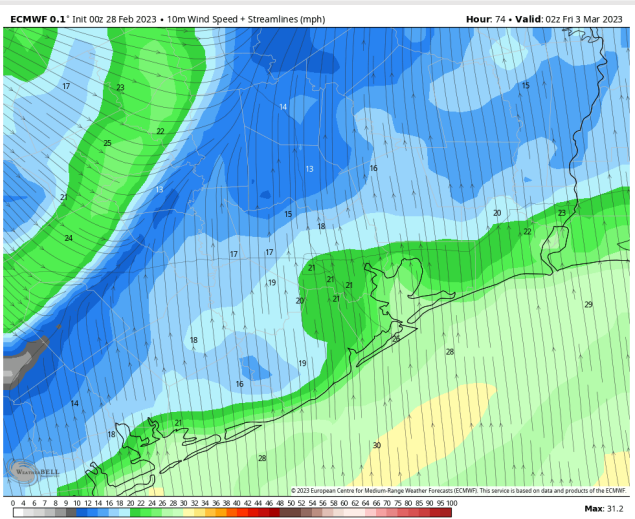
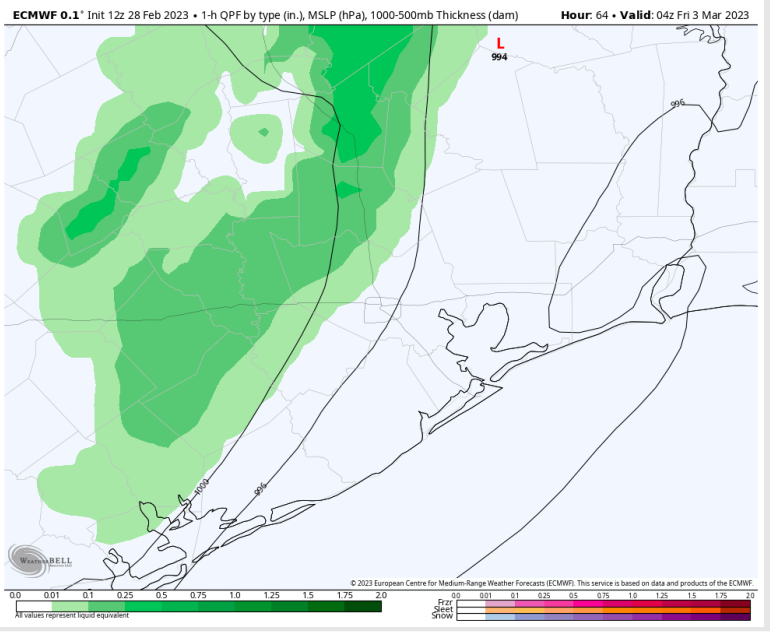
**Precip:** Favoring dry conditions for Thursday leading up until about 10 AM where light showers ahead of a cold front will allow for 20% chances. A strong cold front looks to push through the area around ~11 PM, and with it a brief period of moderate rain will be possible from 10 PM – Midnight.

**Wind:** Sustained winds will start from the SE during the AM hours and will then veer slowly to the S ahead of the cold front between 7 to 9 PM. Winds will then flip from the NW by Midnight. Winds will start out during the AM hours at 8 – 14 kts across all stations, increasing to 15 – 20 kts by 12 PM. From 6 PM – 9 PM, winds south of 25/26 will increase even more to 22 – 27 kts. **Wind gusts post 12 PM across all stations will range from 25 – 33 kts. As the cold front presses through, gusts of 35-40 kts will be possible across all stations from 9 PM – Midnight .**

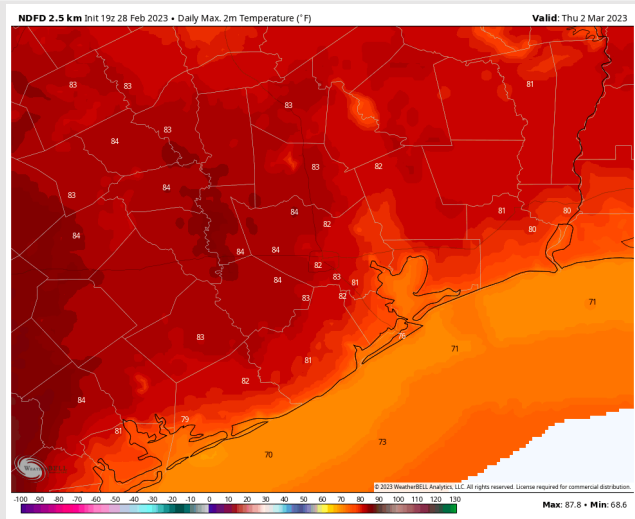
**Temps:** High temperatures Thursday will be near 80 F north of Morgan’s Point and in the mid to lower 70s F south of Morgan’s Point.

**Visibility:** Reduced visibilities via sea fog will be possible during the AM and early afternoon hours, especially ahead of the cold front with plentiful low-level moisture and southerly winds. After the cold front pushes through during the late evening, this will wipe out all fog threats for Friday AM

## Precip Forecast: 10 PM CT



Wind Speed  
8 PM CT



High Temps  
Thursday

# Houston Pilots: Fri. 3/3/2023



## Forecast Discussion

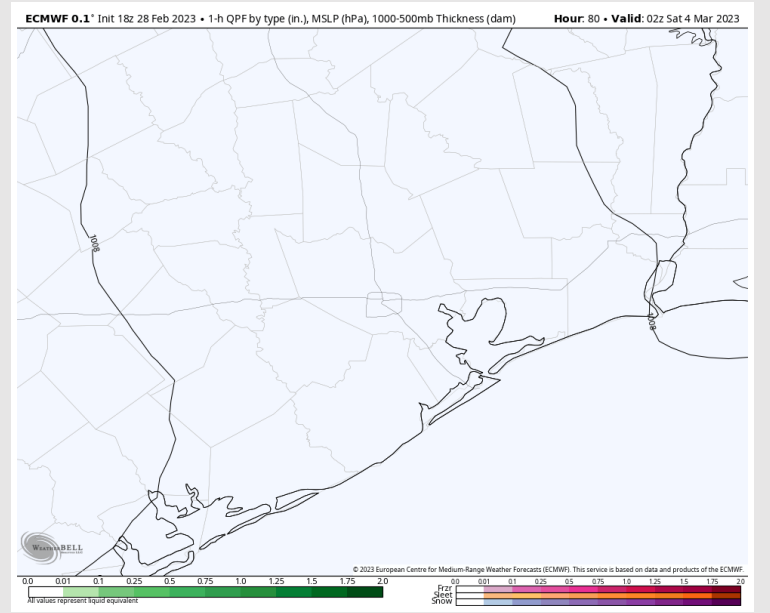
**Precip:** After the strong cold front pushes through the area by 2 AM, anticipating dry conditions for the rest of the day.

**Wind:** Sustained winds out of the W - NW all day. Winds will start out at 12 - 18 kts for all stations until 12 PM. Winds will gradually decrease across all stations to 4 - 10 kts by 5 PM and stay that way through the rest of the evening. **Wind gusts of 35 - 40 kts will only last until 2 AM for the stations near the Boarding Station.**

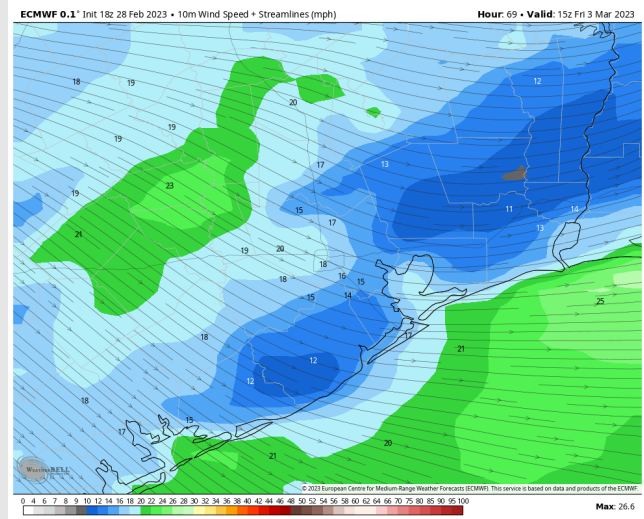
**Temps:** High temperatures Friday will be in the mid to upper 60s F for stations near the Boarding Station and mid to low 70s F for all other stations.

**Visibility:** Not anticipating visibility impacts at this time.

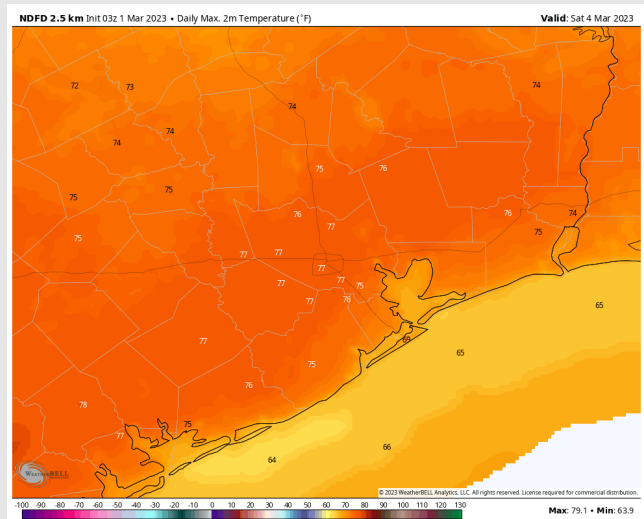
## Precip Forecast: 8 PM CT



Wind Speed  
9 AM CT

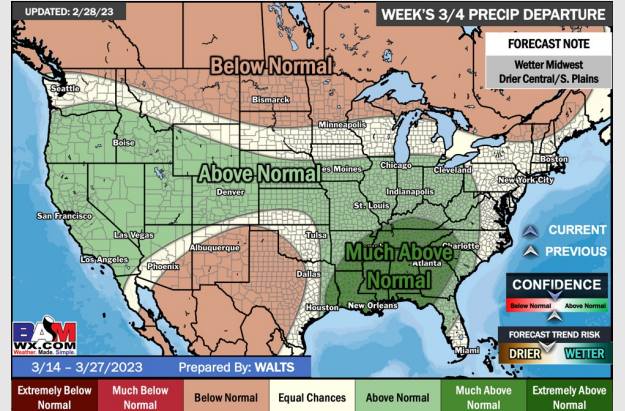
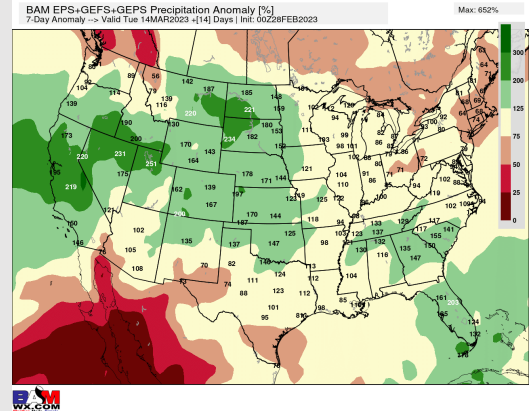
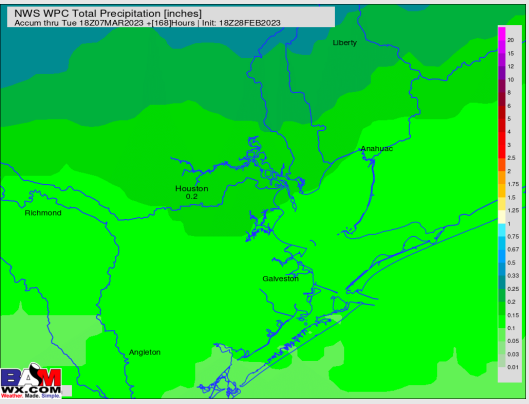
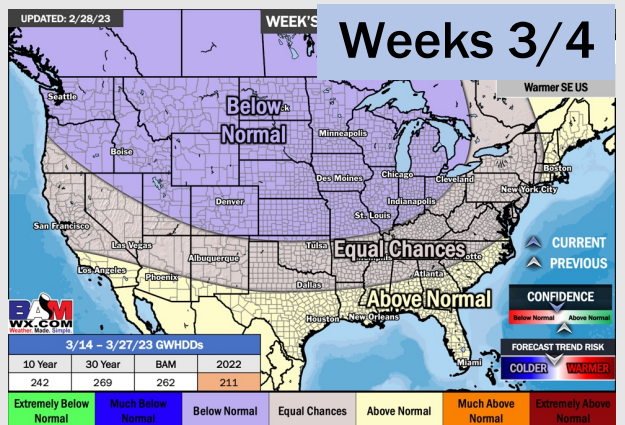
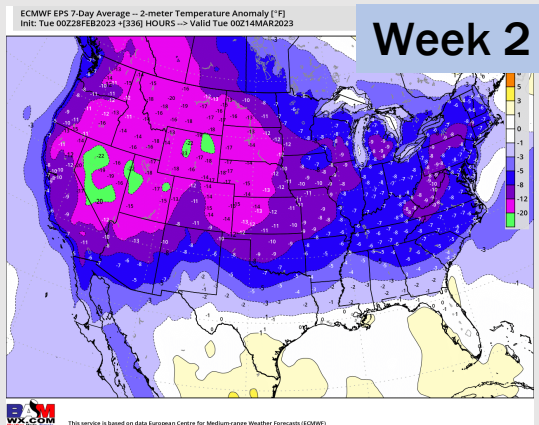
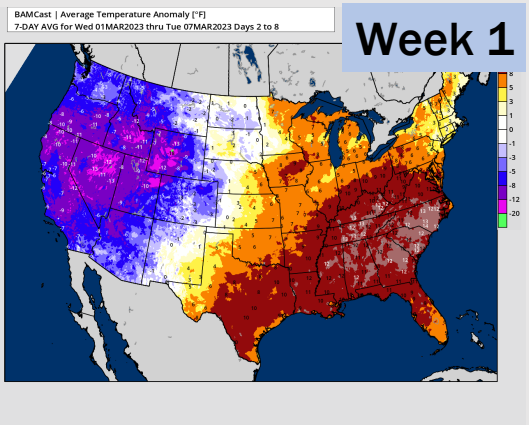


High Temps  
Friday





# Houston Pilots: 3/1/23



- Isolated / low end shower chances will be possible the next several days with a front stalled/hanging around the area. Best chances for precip will come late Thursday PM/ early Friday AM pending the timing of a cold front. Temperatures are expected to be well above average over the next seven days.
- Expecting near normal precipitation chances and near normal temperatures extending into the week 2 timeframe.
- Anticipating slight above normal chances for precipitation and above normal temperatures favored in the week 3/4 timeframe.