

Houston Pilots Forecast Package



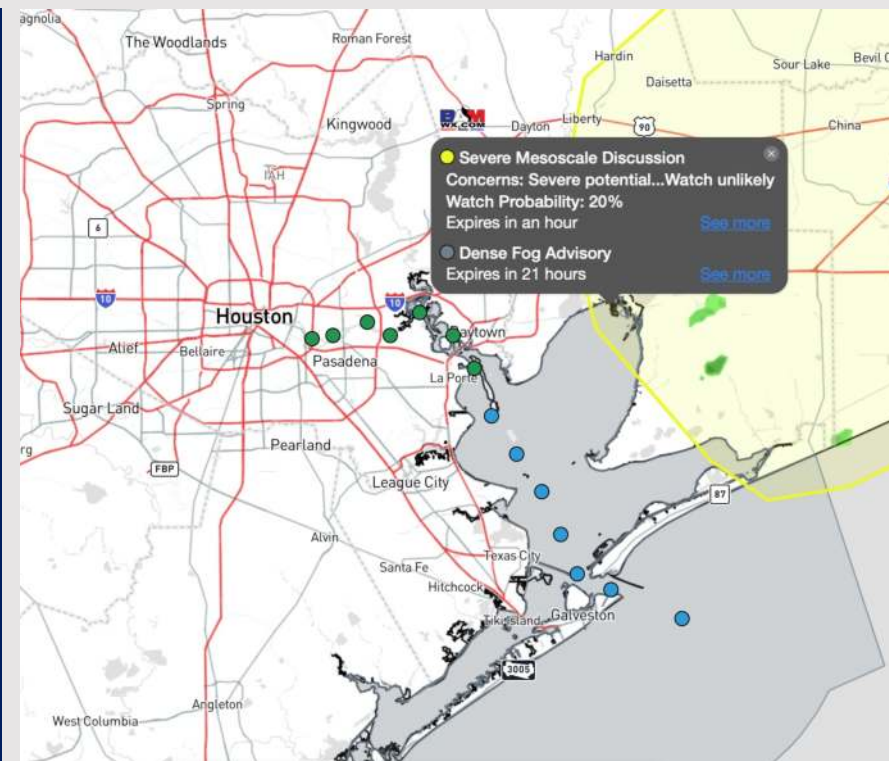
Updated: 1:45 PM CT

Tuesday, March 5, 2024

Forecaster: Alyssa Elliott

Weather Headlines

- Favored mostly dry conditions for the evening and for tomorrow now that storms have pushed E of the region.
- Winds will be generally calm over the next few days outside of a few stronger gusts up to 25 kts through the next few hours of the afternoon.
- **Sea fog risks will remain in play through late week. See slides below for additional information.**



Radar/NWS Alerts: 1:45 PM CT



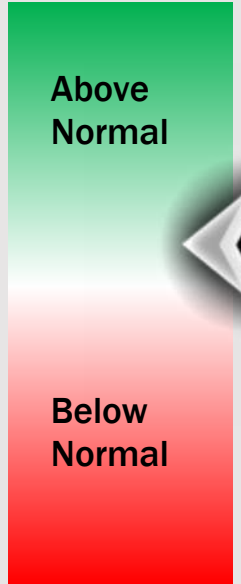
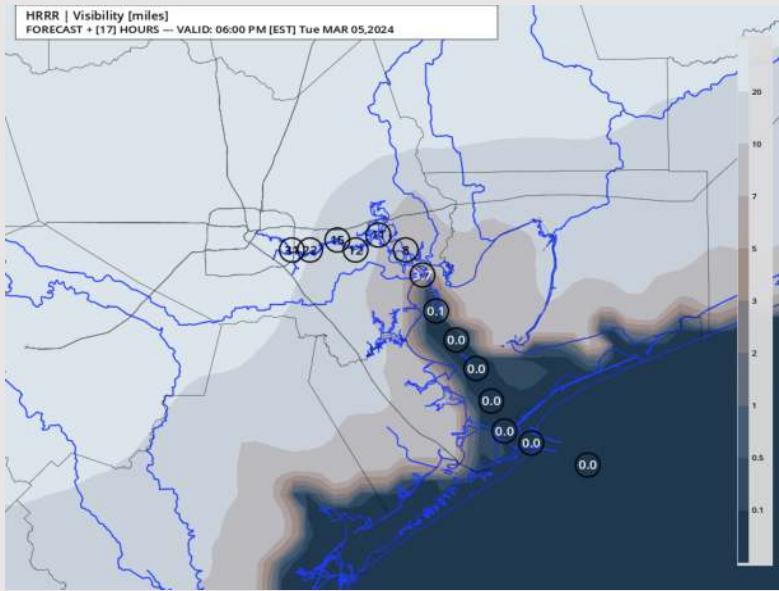
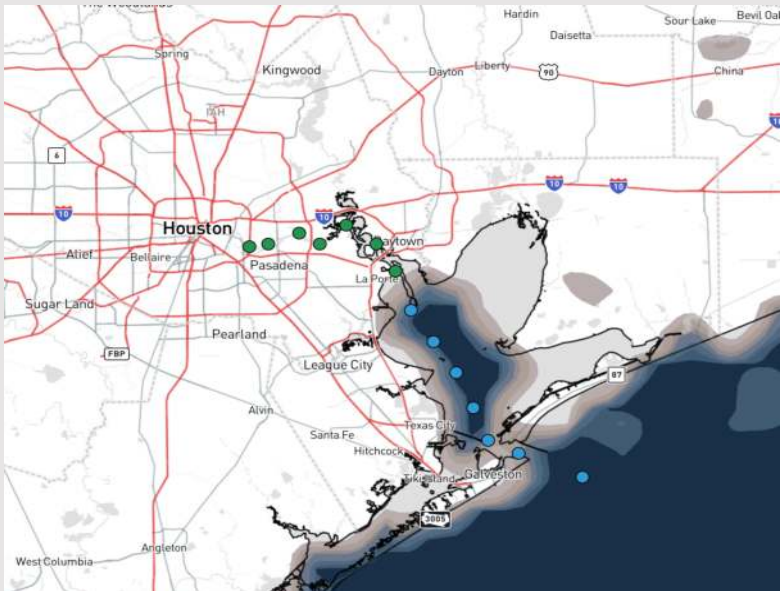
As always, please do not hesitate to reach out to us with any forecast questions via the chat option on Clarity or our on-call number, **(317)-560-8122** press 1 for forecast questions.

Houston Pilots Visibility Report



CURRENT VIS. as of 1:20 PM CT 5 PM CT TUE VISIBILITY

Confidence



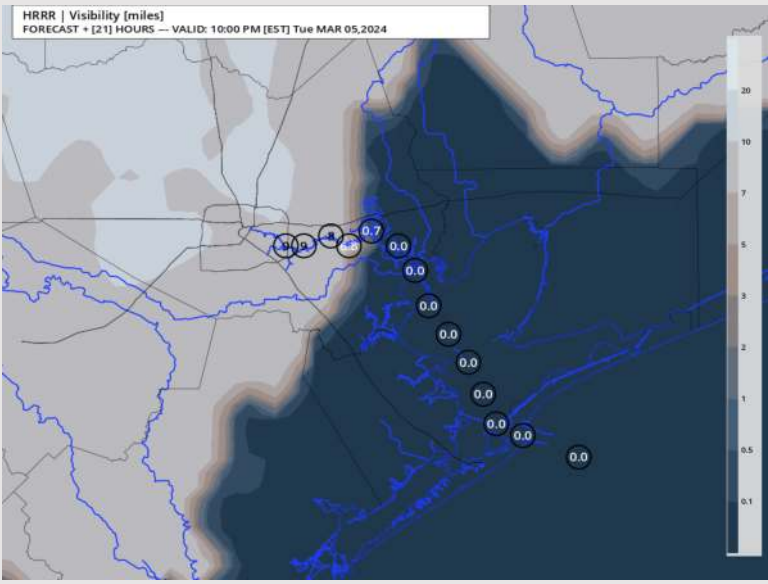
| TIMEFRAME DISCUSSED | THREAT |
|---------------------|--------|
| Current - 11 PM TUE | Medium |

- Dense / patchy dense fog is expected to be a continued risk across the Galv. Bay / Houston Metro region this evening and tomorrow. The threat may not completely exit until FRI PM when the winds shift out of the NNW.
- Light variable winds are keeping patchy to widespread dense sea fog around, reducing visibilities to 0.75 mile or less for stations S of Morgan's Point. Stations N. of Morgan's Point are seeing patchy fog / hazy conditions with visibilities at to 2 - 4 miles at times.
- Over the next few hours, widespread sea fog with visibility of 0.75 miles or less will once again begin to creep N, reaching Morgan's Point by 6 PM CT. After 6 PM CT, this fog will continue to creep north, impacting all stations N of Morgan's Point by 11 PM, where dense fog will then continue into the overnight, impacting all stations. (See next fog slide)

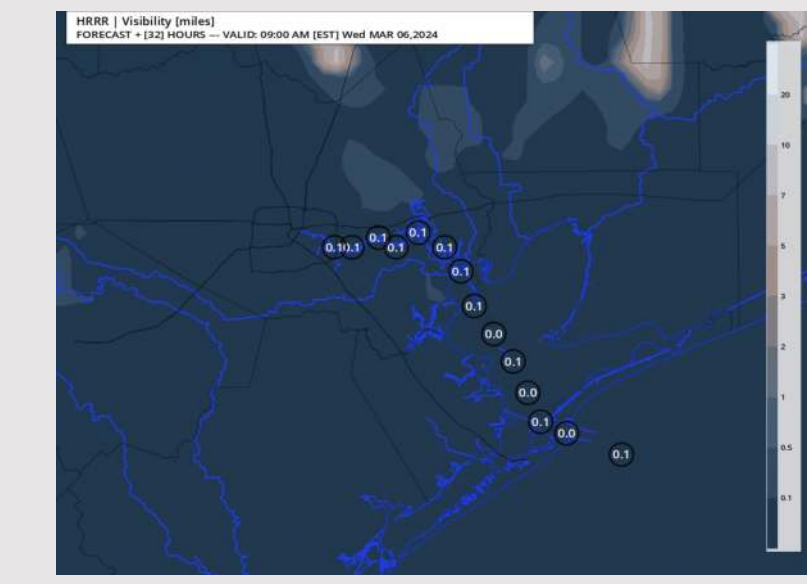
Houston Pilots Visibility Report



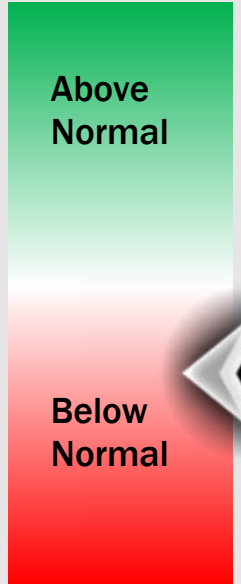
9 PM CT TUE VISIBILITY



8 AM CT WED VISIBILITY



Confidence



| TIMEFRAME DISCUSSED | THREAT |
|----------------------|--------|
| 6 PM TUE - 11 PM WED | HIGH |

- After 6 PM, widespread dense fog with reduced visibilities of 0.5 mile or less will progress Northward from Morgan’s Point to Bridge 610. Lower confidence on exact timing but current favored progression would have dense fog at all stations by 11 PM - 12 AM-CT with this widespread, dense threat continuing until 9 AM CT Wednesday.
- This dense fog will begin to retreat after 9 AM, and break up to become patchier in nature by 1 PM CT, where visibility will be at 3 – 5 miles N of Morgan’s Point and 1 – 3 miles between Morgan’s Point and Station 25/26. Station 11/12 and the Boarding Station will continue to see visibility of less than 0.5 mile in a patchy fashion.
- Patchy dense sea fog will once again progress N, impacting stations N of Station 25/26 after 5 – 6 PM CT, where the fog threat will continue for the evening.

Houston Pilots Extended Range Visibility Report



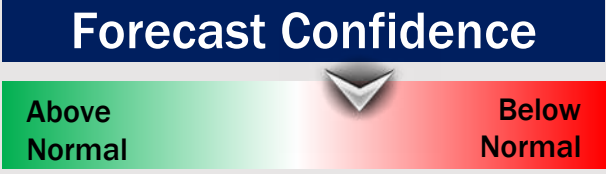
Friday 3/8/24

Not favoring a fog risk for Friday.



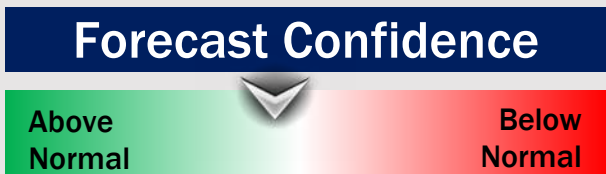
Saturday 3/9/24

Calm winds after Friday rains can allow for fog formation Saturday AM.



Sunday 3/10/24

Fog not favored for Sunday with Northerly winds.



Chance for Fog

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

Houston Pilots Visibility Chart (miles)



Forecast Confidence



| Time | 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 |
|-------------------|---------|---------|---------|---------|---------|---------|---------|---------|----------|----------|----------|---------|---------|---------|---------|---------|---------|---------|---------|---------|----------|----------|----------|---------|
| 610 Bridge | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 6 | 5 | 2 | 0.3 | 0.3 | 0.3 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 3 | 5 | 6 | 9 |
| Kinder 1 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 6 | 5 | 2 | 0.3 | 0.3 | 0.3 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 4 | 6 | 8 | 9 |
| Greens Bayou | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 6 | 5 | 2 | 0.3 | 0.3 | 0.3 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 4 | 6 | 9 | 10 |
| Shell Crude | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 6 | 5 | 2 | 0.3 | 0.3 | 0.3 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 4 | 6 | 9 | 10 |
| Lynchburg Ferries | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 5 | 4 | 0.5 | 0.3 | 0.3 | 0.3 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 4 | 6 | 9 | 10 |
| Exxon 3 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 6 | 4 | 1 | 0.5 | 0.3 | 0.3 | 0.3 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 4 | 6 | 9 | 10 |
| Morgans Point | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 6 | 0.5 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 4 | 6 | 9 | 10 |
| 75/76 | 10 | 10 | 10 | 10 | 10 | 10 | 7 | 6 | 0.5 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0 | 0 | 0.2 | 0.2 | 0.2 | 1 | 4 | 5 | 6 | 9 |
| 63/64 | 10 | 10 | 10 | 10 | 10 | 10 | 7 | 6 | 0.5 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0 | 0 | 0.2 | 0.2 | 0.2 | 1 | 4 | 4 | 5 | 8 |
| 51/52 | 10 | 10 | 10 | 9 | 10 | 10 | 6 | 0.8 | 0.5 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0 | 0 | 0.2 | 0.2 | 0.2 | 0.2 | 2 | 1 | 2 | 6 |
| 37/38 | 10 | 10 | 10 | 5 | 10 | 9 | 6 | 0.5 | 0.5 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0 | 0 | 0.2 | 0.2 | 0.2 | 0.2 | 2 | 0.5 | 2 | 4 |
| 25/26 | 9 | 10 | 5 | 5 | 9 | 9 | 6 | 0.5 | 0.5 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0 | 0 | 0.2 | 0.2 | 0.2 | 0.2 | 1 | 0.2 | 1 | 1 |
| 11/12 | 6 | 7 | 4 | 5 | 6 | 6 | 5 | 3 | 0.5 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0 | 0 | 0 | 0 | 0.2 | 0.2 | 0.5 | 0.2 | 0.2 | 0.2 |
| 1 & 2 Bravo | 5 | 3 | 2 | 6 | 6 | 6 | 5 | 2 | 0.5 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0 | 0 | 0 | 0 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 |

NOTE: This is automated data that may/may not agree with the official BAM thinking that's found on the daily slides or special visibility report slides. This data should be used as a guide only

Houston Pilots Wind Chart



Forecast Confidence



Example

Sustained wind 13 Knots
Gusts 18 Knots
Wind from the N

WS: 13
G:18
N

| Time Knots | 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 |
|-------------------|----------------|----------------|----------------|----------------|----------------|----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| 610 Bridge | 5 10 ENE | 5 11 E | 5 10 E | 5 10 ESE | 5 9 ESE | 4 7 SE | 4 8 SSE | 3 7 SSE | 3 6 SSE | 3 5 S | 3 5 S | 2 4 S | 2 4 SSW | 2 4 S | 2 3 SSW | 1 4 SSW | 2 4 SW | 2 4 SW | 2 4 SW | 3 5 SSW | 3 5 S | 3 5 SSE | 4 6 SSE | 4 7 SSE |
| Kinder 1 | 5 10 ENE | 5 11 E | 5 10 E | 5 9 ESE | 5 8 SE | 4 7 SE | 4 7 SSE | 3 6 SSE | 3 5 S | 3 5 S | 2 4 S | 2 4 SSW | 2 4 S | 2 4 SSW | 1 4 SSW | 1 4 SSW | 2 4 SW | 2 4 SW | 2 4 SW | 3 5 SSW | 3 5 S | 3 6 SSE | 4 7 SSE | 4 7 SSE |
| Greens Bayou | 5 9 E | 5 10 E | 5 10 E | 5 9 SE | 5 8 SE | 4 7 SE | 4 7 SSE | 3 6 SSE | 3 5 SSE | 3 5 SSE | 2 4 SSE | 2 4 S | 2 4 S | 2 3 S | 1 3 SW | 1 3 SSW | 2 4 SSW | 2 4 S | 2 4 S | 3 5 S | 3 5 SSE | 3 5 SE | 4 6 SE | 4 7 SSE |
| Shell Crude | 5 9 E | 5 10 E | 5 10 ESE | 5 9 SE | 5 8 SE | 4 7 SE | 4 6 SSE | 3 5 SSE | 3 4 S | 3 4 S | 2 4 S | 2 4 S | 2 4 S | 2 3 SW | 1 3 SSW | 1 3 S | 3 4 S | 2 4 S | 2 4 SSE | 3 5 SSW | 3 5 SE | 4 6 SE | 4 7 SSE | 5 7 SSE |
| Lynchburg Ferries | 4 9 E | 5 11 E | 5 9 ESE | 5 9 SE | 5 10 SE | 4 9 SSE | 4 7 SSE | 3 6 SSE | 3 5 SSE | 3 5 SSE | 2 4 S | 2 4 S | 2 4 SSW | 2 4 S | 1 3 SW | 1 3 S | 2 4 SE | 2 4 SE | 2 4 SSE | 3 5 S | 3 5 SSE | 3 5 SE | 4 6 SE | 4 7 SE |
| Exxon 3 | 5 10 ESE | 5 12 ESE | 5 10 SE | 6 10 SE | 6 11 SSE | 5 9 SSE | 5 8 SSE | 5 7 S | 4 6 S | 3 5 S | 3 5 S | 2 4 S | 2 4 S | 2 4 SSW | 2 4 SW | 1 4 WSW | 2 4 E | 2 4 E | 3 5 E | 3 5 SE | 3 6 SE | 3 6 SSE | 4 7 SSE | 5 8 SSE |
| Morgans Point | 5 6 ESE | 5 7 ESE | 5 9 SE | 6 9 SE | 7 9 SSE | 7 8 SSE | 5 7 SSE | 4 6 SSE | 4 5 SSE | 3 5 S | 3 5 S | 2 4 S | 2 4 SSW | 2 3 SSW | 2 3 SW | 2 3 SW | 3 4 SE | 3 4 E | 3 4 SSE | 3 4 SSE | 4 5 SE | 4 5 SE | 5 6 SSE | 5 7 SSE |
| 75/76 | 6 13 SE | 7 14 ESE | 9 13 SE | 9 13 SE | 9 12 SSE | 8 11 SSE | 7 9 S | 6 8 S | 5 7 S | 5 6 S | 4 6 S | 3 4 S | 3 4 SSW | 2 3 SSW | 2 3 SW | 2 3 SW | 3 4 N | 3 4 E | 3 4 E | 4 5 E | 4 5 ESE | 5 6 ESE | 5 7 ESE | 6 8 ESE |
| 63/64 | 6 12 SE | 7 12 ESE | 8 13 SE | 9 13 SE | 9 12 SSE | 8 11 SSE | 7 9 S | 6 7 S | 5 6 S | 5 5 S | 3 4 S | 3 4 S | 2 3 SSW | 2 3 SSW | 2 3 SW | 2 3 W | 3 4 E | 2 3 E | 3 4 E | 4 5 ESE | 4 5 ESE | 5 6 ESE | 5 7 ESE | 6 8 ESE |
| 51/52 | 6 12 SE | 7 12 ESE | 7 13 ESE | 8 12 SE | 8 11 SSE | 7 9 SSE | 6 7 S | 5 6 S | 4 5 S | 4 3 S | 3 4 S | 2 3 S | 1 2 S | 1 2 SSW | 1 2 SW | 1 2 W | 2 3 E | 2 3 ENE | 3 4 E | 3 4 ESE | 3 4 E | 4 5 ESE | 4 5 ESE | 5 6 ESE |
| 37/38 | 6 11 SE | 7 12 ESE | 7 12 SE | 8 11 SE | 7 9 SSE | 6 8 SSE | 5 7 S | 5 6 S | 4 5 S | 3 4 S | 3 4 S | 2 3 S | 1 2 SSW | 1 2 SSW | 1 2 WSW | 1 2 W | 1 2 ENE | 2 3 E | 2 3 E | 3 4 ESE | 3 4 ESE | 4 5 ESE | 4 5 ESE | 5 6 ESE |
| 25/26 | 6 11 ESE | 7 11 ESE | 7 12 SE | 7 11 SE | 7 10 SSE | 6 9 SSE | 5 8 S | 4 7 S | 3 6 S | 3 5 S | 2 3 S | 1 2 SSW | 1 2 SSW | 1 2 SSW | 0 2 WSW | 0 2 NNW | 1 2 NE | 1 2 E | 2 3 E | 2 3 ESE | 3 4 ESE | 3 4 ESE | 4 5 ESE | 4 5 ESE |
| 11/12 | 7 11 ESE | 7 10 E | 7 10 ESE | 6 9 SE | 5 8 SSE | 5 7 SSE | 4 6 S | 3 5 S | 3 4 S | 3 4 S | 3 4 S | 2 3 SSW | 2 3 SSW | 1 2 SSW | 0 2 W | 0 2 W | 0 2 ENE | 1 2 E | 1 2 ESE | 2 3 SSE | 2 3 SE | 3 4 SE | 3 4 SE | 4 5 SE |
| 1 & 2 Bravo | 7 11 ESE | 6 11 E | 7 11 ESE | 7 10 SE | 7 10 SE | 7 9 SSE | 6 8 S | 6 7 S | 6 6 S | 5 5 S | 4 4 S | 3 3 S | 3 3 SSW | 3 3 SSW | 2 3 WSW | 3 3 NW | 2 3 NE | 3 4 ENE | 3 4 E | 3 4 SE | 4 5 SE | 4 5 ESE | 5 6 ESE | 5 6 ESE |

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Houston Pilots: Tue. 3/5/2024



Forecast Discussion

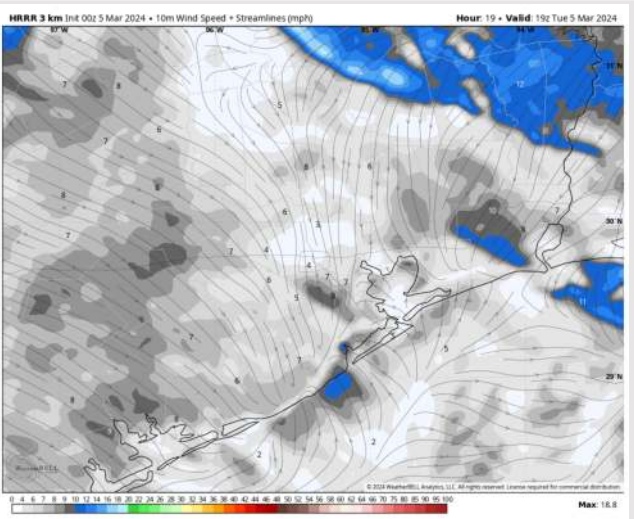
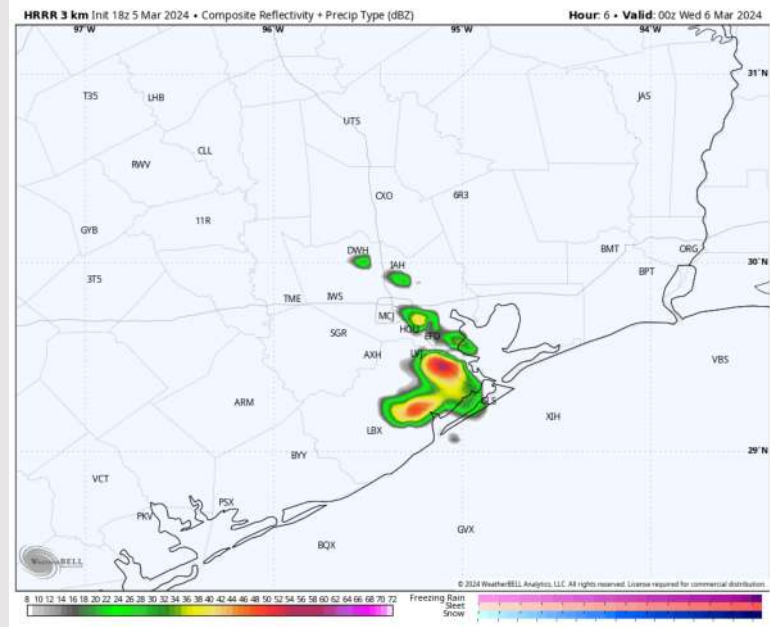
Precip: The majority of showers and storms have now exited the region. Isolated showers (10-20%) will be possible between 6 – 7 PM, otherwise anticipating dry conditions.

Wind: Winds will be variable through much of the day, settling out of the S/SE by 7 PM. **N of Morgan's Point:** Winds at 8 – 13 kts through 6 PM today. Then winds decrease to 3 – 7 kts throughout the PM. **S of Morgan's Point:** Winds at 15 – 20 kts will drop to 5 – 10 kts after 8 PM and continue for the evening. **Gusts up to 25 kts cannot be ruled out through 6 PM.**

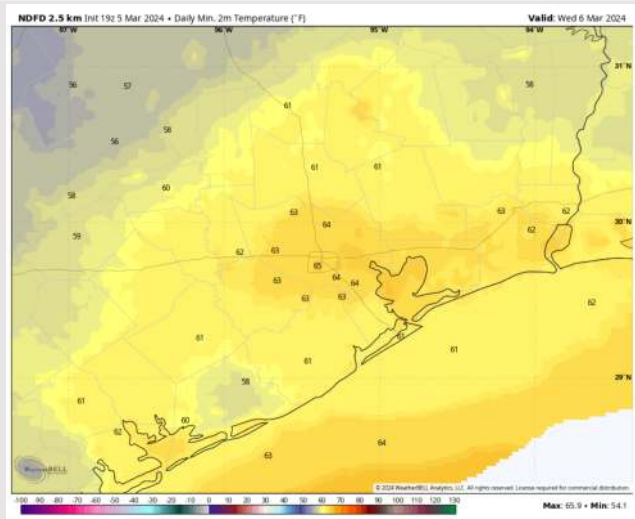
Low Temps: **N of Morgan's Point:** Low to mid 60s F. **S of Morgan's Point:** Low to near 60 F.

Visibility: Patchy to widespread dense fog will be a risk throughout the evening. **More details in visibility slide.**

Precip Image: 6 PM CT



Wind Speed:
1 PM CT



Low Temps
WED AM

Houston Pilots: Wed. 3/6/2024



Forecast Discussion

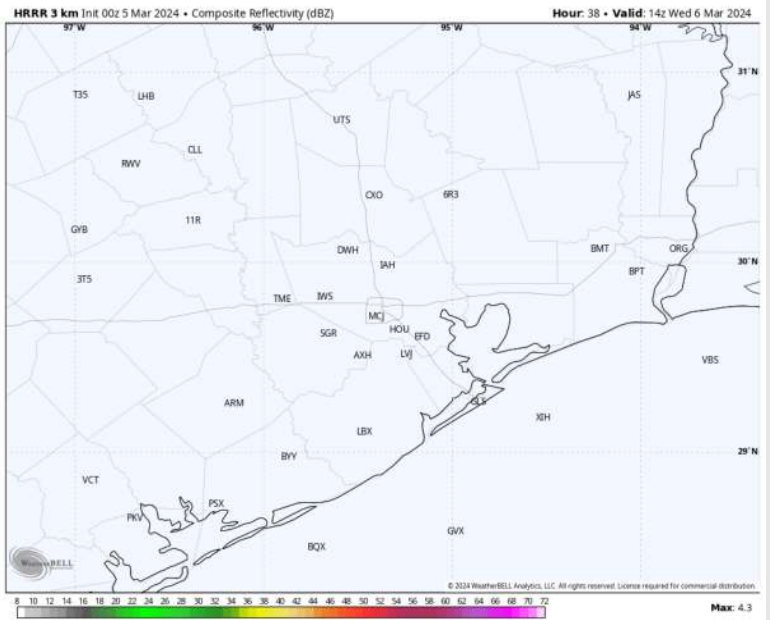
Precip: Dry conditions favored for Wednesday.

Wind: Winds out of the S initially will become variable by 3 AM, then settle out of the S/SE by 2 PM. **N Morgan's Point:** 3-8 kts throughout the day. **S of Morgan's Point:** Winds at 4 - 9 kts through 7 PM before increasing slightly to 6-11 kts.

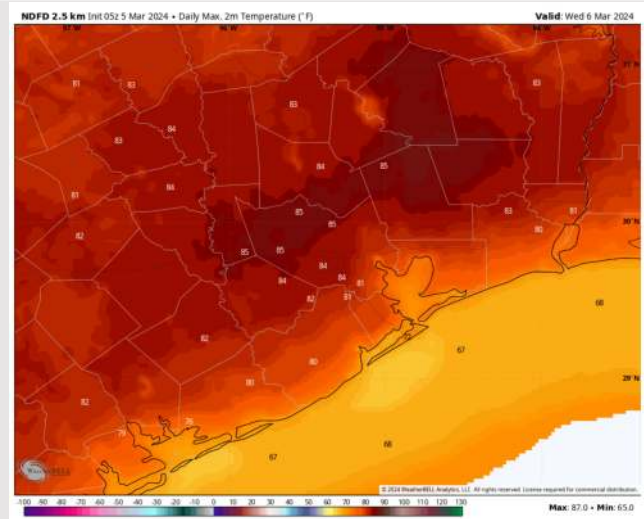
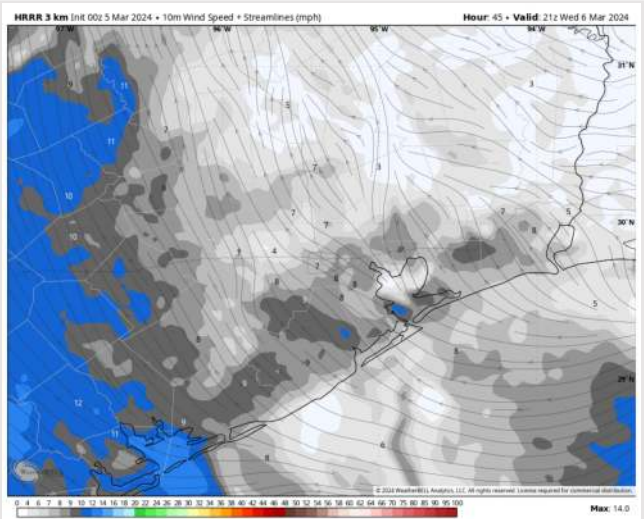
High Temps: **N of Morgan's Point:** Low 80s F. **S of Morgan's Point:** Upper 60s-Low 70s F.

Visibility: Sea fog is expected to continue throughout much of the day Wednesday. See visibility slide for more info.

Precip Image: 8 AM CT



Wind Speed:
3 PM CT



High Temps
Wednesday

Houston Pilots: Thu. 3/7/2024



Forecast Discussion

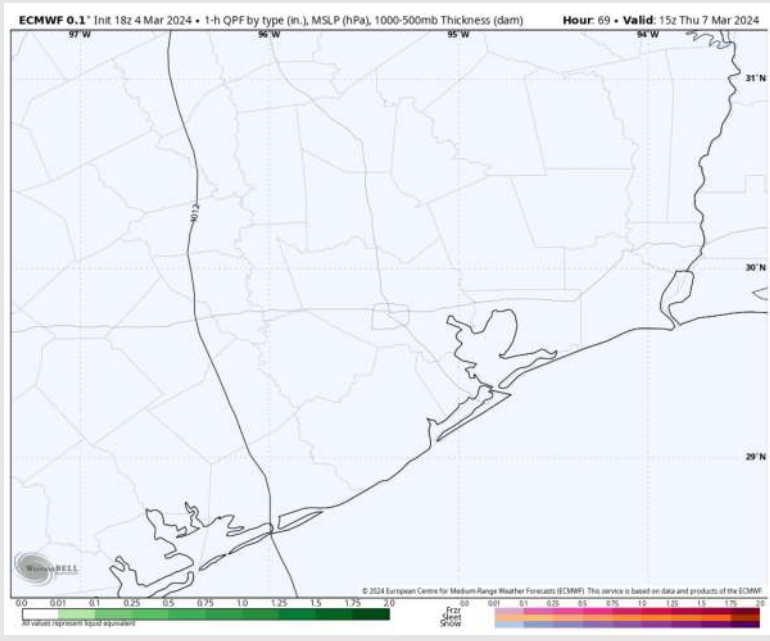
Precip: Dry conditions favored for Thursday

Wind: Winds will be out of the S/SE throughout the day. **N Morgan's Point:** 3-8 kts through 11 AM before increasing to 9-14 kts the rest of the day. **S of Morgan's Point:** Winds will be 9-14 kts throughout the entire day on Thursday.

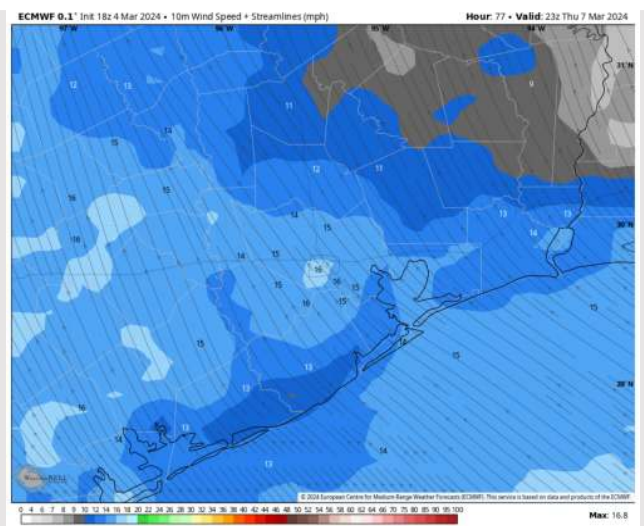
High Temps: **N of Morgan's Point:** Mid 70's F. **S of Morgan's Point:** Upper 60s F.

Visibility: Winds out of the S/SE will help make for favorable conditions for fog development THU AM before winds increase in speed. Lower confidence as to how widespread coverage will be THU AM.

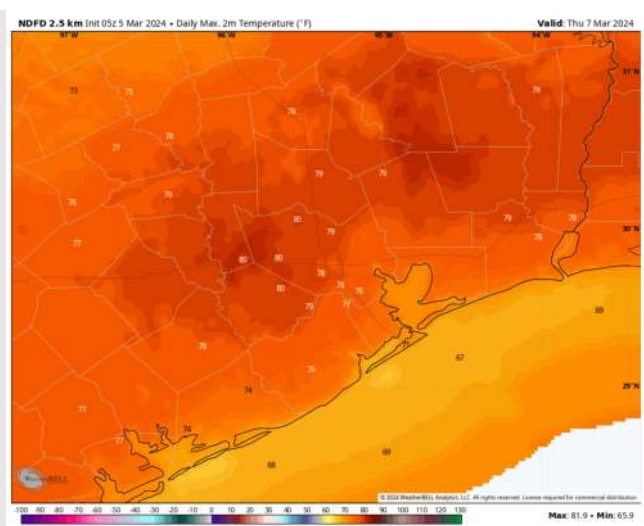
Precip Image: 9 AM CT



Wind Speed:
5 PM CT

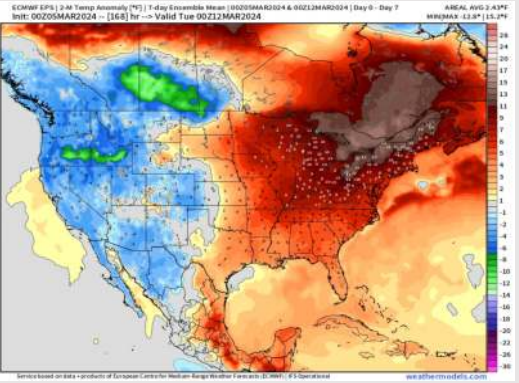


High Temps
Thursday

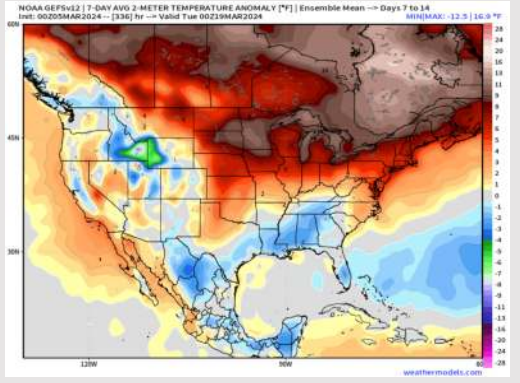


Houston Pilots: 3/5/24

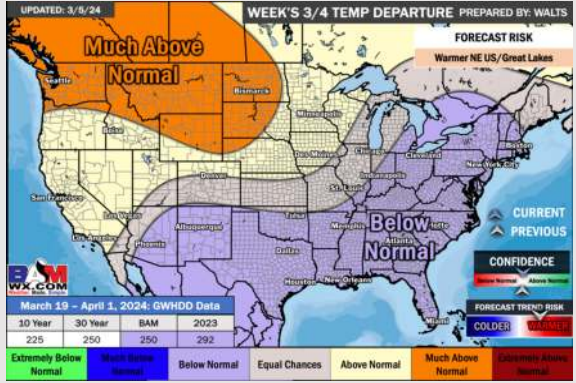
Next 7 Day Temperature Departure



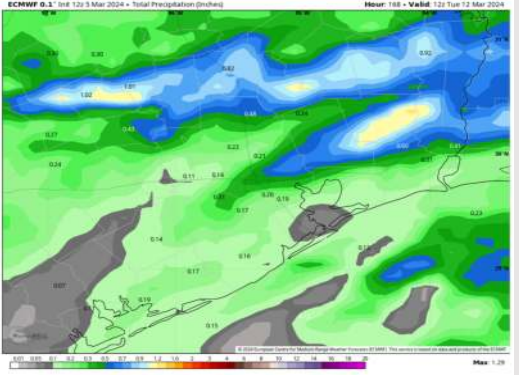
8-14 Day Temperature Departure



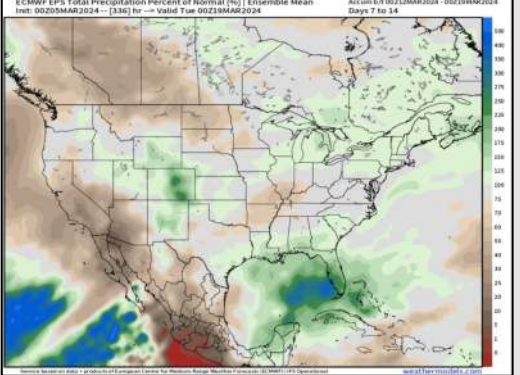
15-30 Day Temperature Departure



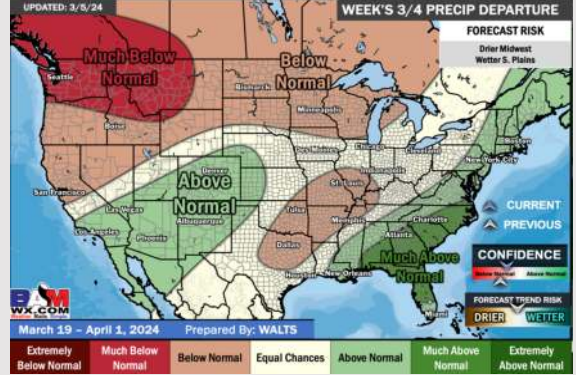
Next 7 Day Total Precipitation



8-14 Day % of Average Precip.



15-30 Day % of Average Precip.



- Scattered rain chances are favored for later into the week, the greatest chances being Friday. Above normal temperatures favored for the week ahead.
- Slightly above normal precipitation chances are at play during the week 2 timeframe. Temps expected to be seasonable to slightly below normal.
- Below normal temperatures and seasonable chances for precipitation are favored in the weeks 3/4 timeframe.