

Houston Pilots Forecast Package



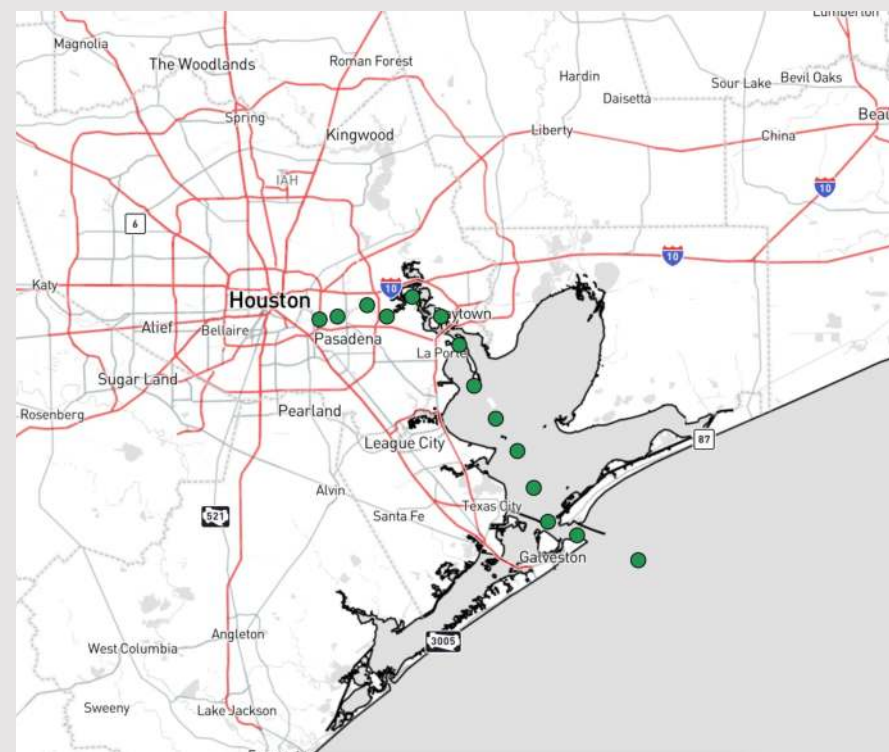
Updated: 12:00 AM CT

Sunday, March 31, 2024

Forecaster: Jonathan Kipper

Weather Headlines

- Minor rain chances over the next few days, however a primarily drier week ahead.
- Will need to keep an eye on wave heights through today of 2 – 3 ft. Better opportunities for waves up to 4-5 ft will move in MON/TUE.
- Not favoring fog development for all stations at this time over the next couple of days. **Low-end risk will be monitored TUE AM.**
- **Slightly elevated wind gusts to return this afternoon**



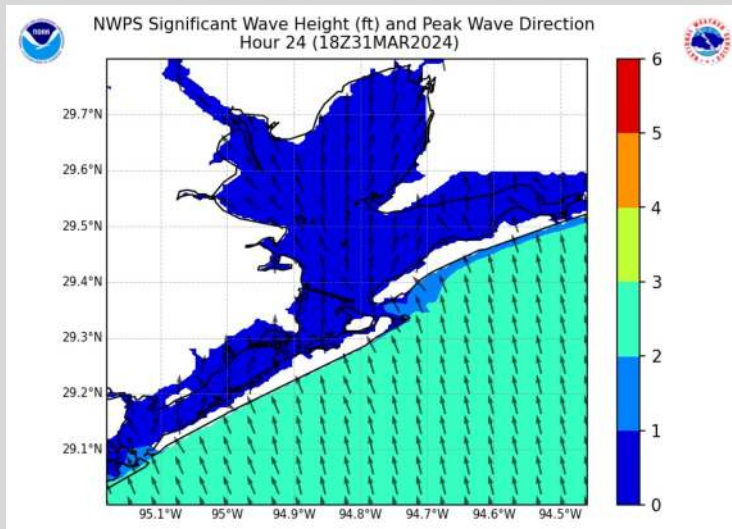
Current Radar: 12:00 AM CT



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.

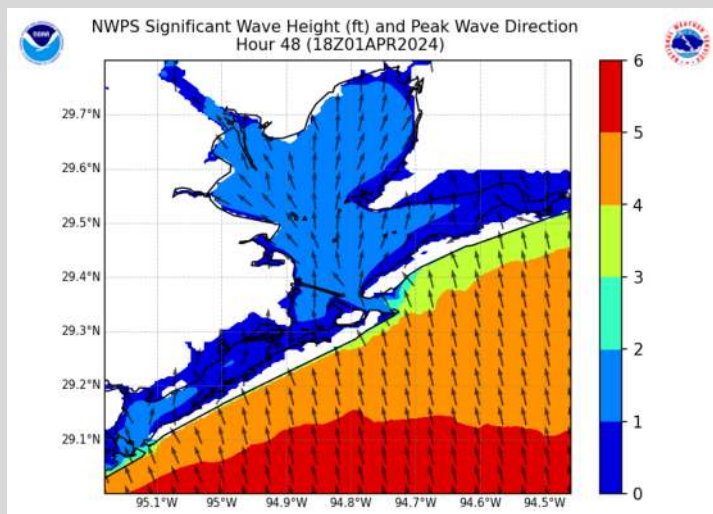
Houston Pilots Wave Height Update

Significant Wave Height Image



1 PM CT SUN

Wave height threat expected to remain low this weekend. With that said, waves will remain within 2 – 3 ft for Station 11/12 and the Boarding Station.



1 PM CT MON

Wave heights will remain in that 2 – 3 ft range along the Gulf shoreline through the weekend. Need to watch Mon/Tues for an increase in heights to 4-5 ft. Anticipating ~1 PM CT MON being the earliest we see this risk.

Houston Pilots Extended Range Visibility Report



Wednesday 4/3/24

Fog is not favored for Wednesday.

Forecast Confidence



Friday 4/5/24

Fog is not favored for Friday.

Forecast Confidence



Thursday 4/4/24

Fog is not favored for Thursday.

Forecast Confidence



Chance for Fog

| | |
|--------------|----------|
| Wednesday AM | Unlikely |
| Wednesday PM | Unlikely |
| Thursday AM | Unlikely |
| Thursday PM | Unlikely |
| Friday AM | Unlikely |
| Friday PM | Unlikely |

Houston Pilots Visibility Chart (miles)



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

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



Sustained wind 13 Knots
Gusts 18 Knots
Wind from the N

Example

WS: 13
G:18
N

| Time Knots | Sun 12am | Sun 1am | Sun 2am | 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 |
|-------------------|----------|---------|---------|---------|---------|---------|---------|---------|---------|---------|----------|----------|----------|---------|---------|---------|---------|---------|---------|---------|---------|---------|----------|----------|
| 610 Bridge | 7 | 7 | 6 | 5 | 5 | 5 | 5 | 5 | 7 | 7 | 9 | 9 | 10 | 11 | 11 | 11 | 12 | 13 | 12 | 11 | 11 | 11 | 11 | 11 |
| | 13 | 13 | 13 | 11 | 10 | 11 | 11 | 11 | 13 | 14 | 17 | 18 | 19 | 21 | 22 | 22 | 24 | 25 | 24 | 22 | 22 | 21 | 22 | 22 |
| Kinder 1 | SSE | SSE | SSE | S | S | SSE | SSE | SSE | S | S | S | S | S | S | S | S | S | SSE | SSE | SSE | SSE | SSE | SSE | SSE |
| | 7 | 7 | 6 | 5 | 5 | 5 | 5 | 5 | 7 | 7 | 8 | 9 | 10 | 11 | 11 | 11 | 12 | 12 | 12 | 11 | 11 | 11 | 11 | 11 |
| Greens Bayou | 13 | 13 | 13 | 11 | 10 | 11 | 10 | 11 | 13 | 14 | 17 | 18 | 19 | 21 | 21 | 22 | 24 | 24 | 23 | 21 | 21 | 21 | 22 | 22 |
| | SSE | SSE | SSE | S | S | SSE | SSE | SSE | S | S | S | S | S | S | S | S | S | SSE | SSE | SSE | SSE | SSE | SSE | SSE |
| Shell Crude | 7 | 7 | 6 | 5 | 5 | 5 | 5 | 5 | 7 | 7 | 8 | 9 | 10 | 11 | 11 | 12 | 12 | 12 | 11 | 11 | 11 | 11 | 11 | 11 |
| | 13 | 14 | 13 | 11 | 11 | 10 | 10 | 11 | 13 | 14 | 16 | 18 | 19 | 20 | 21 | 22 | 23 | 23 | 23 | 21 | 21 | 22 | 22 | 22 |
| Lynchburg Ferries | SSE | SSE | SSE | SSE | S | SSE | SSE | SSE | SSE | S | S | S | S | S | S | S | S | SSE | SSE | SSE | SSE | SSE | SSE | SSE |
| | 7 | 7 | 6 | 5 | 5 | 5 | 5 | 5 | 6 | 7 | 8 | 9 | 11 | 11 | 12 | 13 | 13 | 13 | 11 | 10 | 10 | 11 | 11 | 11 |
| Exxon 3 | 13 | 13 | 12 | 10 | 10 | 10 | 11 | 11 | 13 | 14 | 16 | 18 | 19 | 20 | 21 | 21 | 22 | 23 | 22 | 20 | 20 | 21 | 21 | 21 |
| | SSE | SSE | SSE | SSE | S | SSE | SSE | SSE | SSE | S | S | S | S | S | S | S | SSE | SSE | SSE | SSE | SSE | SSE | SSE | SSE |
| Morgans Point | 9 | 8 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 9 | 9 | 10 | 11 | 12 | 13 | 13 | 13 | 14 | 14 | 14 | 14 | 14 | 13 | 13 |
| | 15 | 14 | 13 | 12 | 12 | 12 | 12 | 12 | 13 | 15 | 16 | 18 | 18 | 20 | 21 | 22 | 23 | 23 | 22 | 21 | 21 | 21 | 22 | 21 |
| 75/76 | SSE | SSE | S | S | S | S | SSE | SSE | SSE | S | S | S | S | SSE | SSE | SSE | SSE | SSE | SSE | SSE | SSE | SSE | SSE | SSE |
| | 10 | 9 | 7 | 7 | 6 | 7 | 7 | 7 | 7 | 9 | 9 | 10 | 11 | 12 | 13 | 13 | 13 | 14 | 14 | 13 | 13 | 13 | 13 | 13 |
| 63/64 | 16 | 14 | 13 | 12 | 12 | 12 | 12 | 12 | 13 | 15 | 16 | 17 | 18 | 20 | 21 | 22 | 22 | 23 | 21 | 21 | 20 | 20 | 21 | 21 |
| | SSE | SSE | SSE | SSE | S | S | SSE | SSE | SSE | S | S | S | SSE | SSE | SSE | SSE | SSE | SSE | SSE | SSE | SSE | SSE | SSE | SSE |
| 51/52 | 13 | 12 | 11 | 9 | 9 | 9 | 9 | 9 | 11 | 11 | 11 | 12 | 12 | 12 | 13 | 14 | 14 | 15 | 16 | 15 | 15 | 15 | 15 | 16 |
| | 19 | 17 | 16 | 13 | 13 | 13 | 13 | 13 | 15 | 16 | 16 | 17 | 19 | 20 | 21 | 23 | 23 | 23 | 23 | 22 | 22 | 22 | 22 | 23 |
| 37/38 | SSE | SSE | SSE | S | SSE | S | SSE | SSE | S | S | S | S | SSE | SSE | SSE | SSE | SSE | SSE | SSE | SSE | SSE | SSE | SSE | SSE |
| | 12 | 11 | 10 | 9 | 9 | 8 | 8 | 9 | 10 | 10 | 11 | 11 | 12 | 12 | 13 | 14 | 13 | 13 | 14 | 14 | 14 | 14 | 14 | 15 |
| 25/26 | 18 | 16 | 14 | 13 | 13 | 12 | 12 | 13 | 15 | 15 | 16 | 17 | 19 | 20 | 21 | 22 | 22 | 21 | 21 | 21 | 21 | 21 | 21 | 21 |
| | SSE | SSE | SSE | S | S | S | S | S | S | S | S | S | SSE | SSE | SSE | SSE | SSE | SSE | SSE | SSE | SSE | SSE | SSE | SSE |
| 11/12 | 11 | 11 | 10 | 9 | 8 | 7 | 8 | 9 | 9 | 10 | 11 | 11 | 12 | 12 | 13 | 13 | 13 | 13 | 13 | 14 | 13 | 14 | 13 | 14 |
| | 16 | 15 | 14 | 13 | 12 | 11 | 12 | 13 | 14 | 15 | 17 | 17 | 19 | 20 | 21 | 22 | 21 | 21 | 21 | 20 | 19 | 20 | 21 | 21 |
| 1 & 2 Bravo | SSE | SSE | SSE | S | S | S | S | S | S | S | S | S | SSE | SSE | SSE | SSE | SSE | SSE | SSE | SSE | SSE | SSE | SSE | SSE |
| | 11 | 9 | 9 | 9 | 8 | 7 | 8 | 9 | 9 | 10 | 11 | 11 | 12 | 13 | 13 | 14 | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 |
| 1 & 2 Bravo | 15 | 14 | 13 | 13 | 12 | 12 | 13 | 13 | 13 | 16 | 17 | 17 | 19 | 20 | 21 | 21 | 20 | 21 | 20 | 20 | 18 | 19 | 20 | 20 |
| | SSE | SSE | SSE | SSE | S | S | S | S | S | S | S | SSE | SSE | SSE | SSE | SSE | SSE | SSE | SSE | SSE | SSE | SSE | SSE | SSE |
| 1 & 2 Bravo | 9 | 9 | 8 | 7 | 7 | 7 | 7 | 8 | 9 | 9 | 9 | 11 | 12 | 12 | 13 | 13 | 12 | 12 | 12 | 11 | 11 | 11 | 11 | 11 |
| | 13 | 13 | 13 | 12 | 12 | 12 | 12 | 13 | 13 | 15 | 15 | 16 | 17 | 18 | 19 | 19 | 19 | 19 | 19 | 18 | 18 | 19 | 19 | 19 |
| 1 & 2 Bravo | SSE | SSE | SSE | SSE | SSE | S | S | S | S | S | S | S | SSE | SSE | SSE | SSE | SSE | SSE | SSE | SSE | SSE | SSE | SSE | SSE |
| | 12 | 11 | 11 | 10 | 9 | 9 | 10 | 10 | 10 | 10 | 11 | 11 | 11 | 12 | 11 | 11 | 12 | 12 | 13 | 13 | 13 | 14 | 14 | 14 |
| 1 & 2 Bravo | 17 | 16 | 15 | 15 | 13 | 13 | 14 | 15 | 15 | 16 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 18 | 20 | 20 | 20 | 21 | 21 | 21 |
| | SSE | SSE | SSE | SSE | SSE | SSE | S | S | S | S | SSE | SSE | SSE | SSE | SSE | SSE | SSE | SSE | SE | SE | SE | SSE | SSE | SSE |

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Houston Pilots: Sun. 3/31/2024

Forecast Discussion

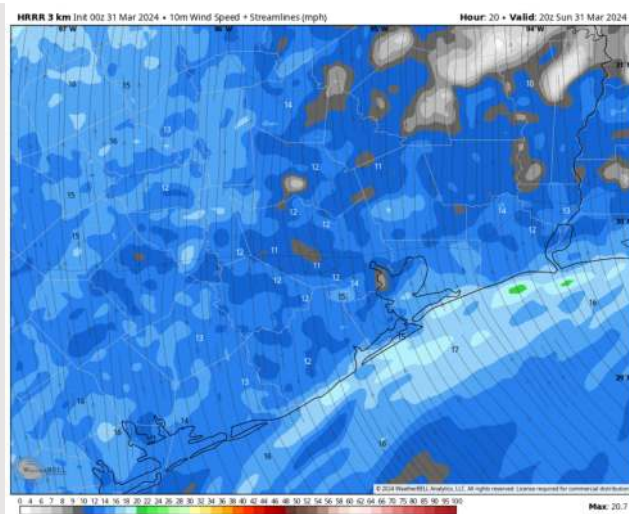
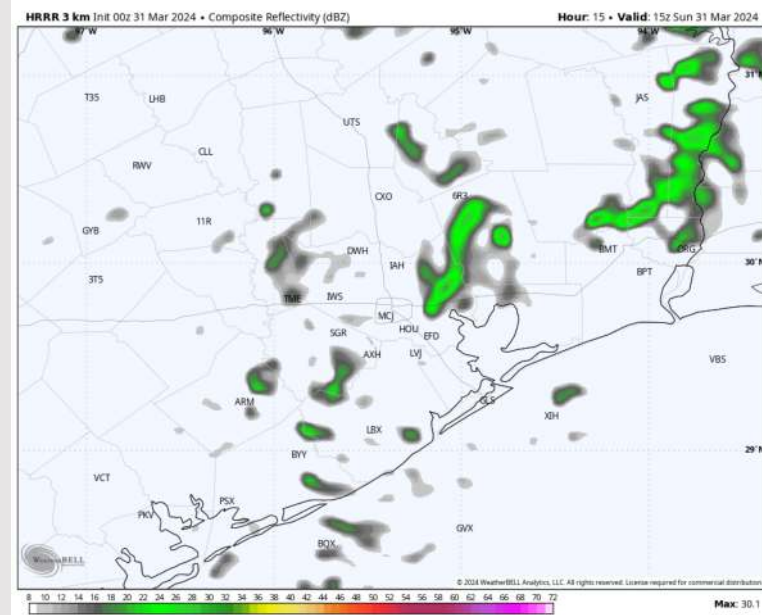
Precip: Light rain/drizzle chances from 7 AM CT through 5 PM CT today with dry conditions favored afterwards.

Wind: Winds will be out of the SE / S the entire day. **N Morgan's Point:** Winds at 4 - 9 kts through 11 AM before becoming 8 - 13 kts. **S of Morgan's Point:** Winds at 6 - 11 kts through 11 AM before becoming 10 - 15 kts for the remainder of the day. **Wind gusts of up to 23 kts possible after 12 PM.**

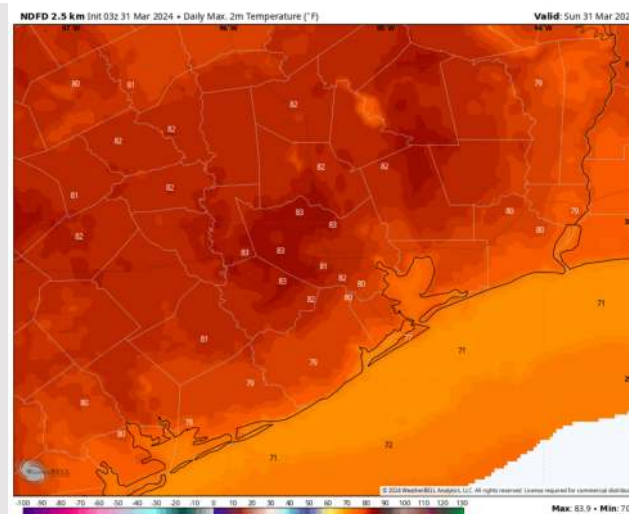
High Temps: **N of Morgan's Point:** Lower 80s F. **S of Morgan's Point:** Mid 70s F.

Visibility: No anticipating any visibility concerns today.

Precip Image: 10 AM CT



Wind Speed:
3 PM CT



High Temps
Today

Houston Pilots: Mon. 4/1/2024

Forecast Discussion

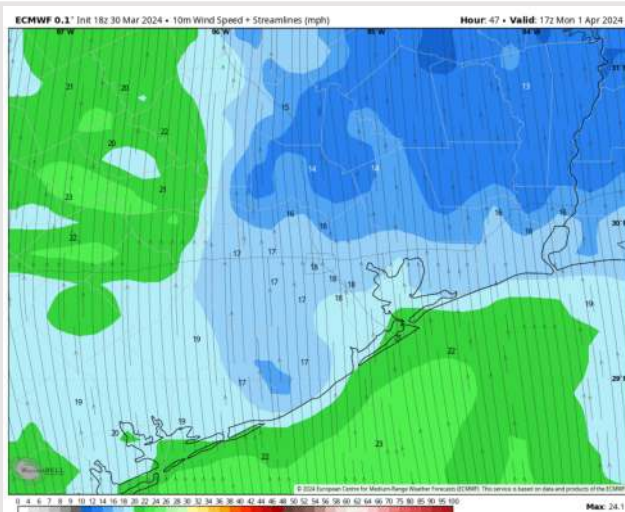
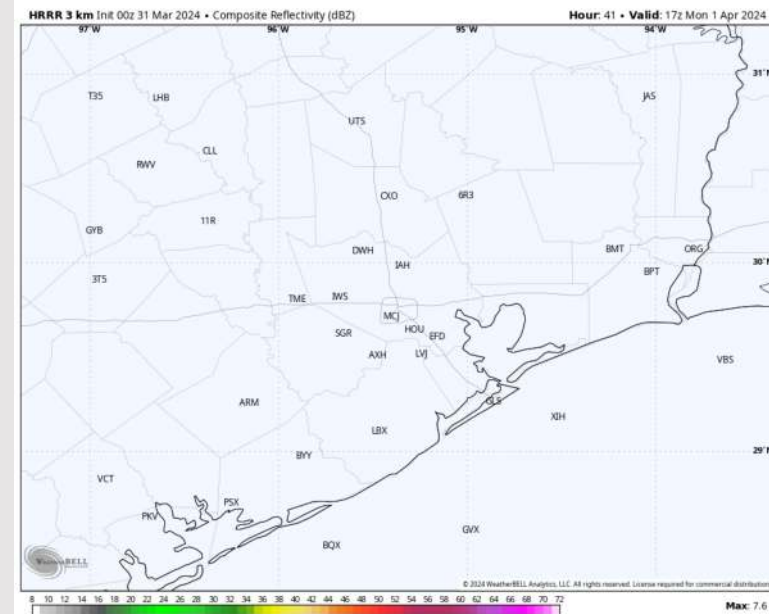
Precip: Favoring dry conditions for Monday.

Wind: Winds to remain out of the S/SE throughout the day on Monday. **N of Morgan's Point:** Winds at 6-11 kts through 11 AM before increasing to 12-17 kts during the PM hours. **S of Morgan's Point:** Winds at 15-20 kts throughout the day MON. **Gusts of up to 25-30 kts can't be ruled out during the PM hours at all stations.**

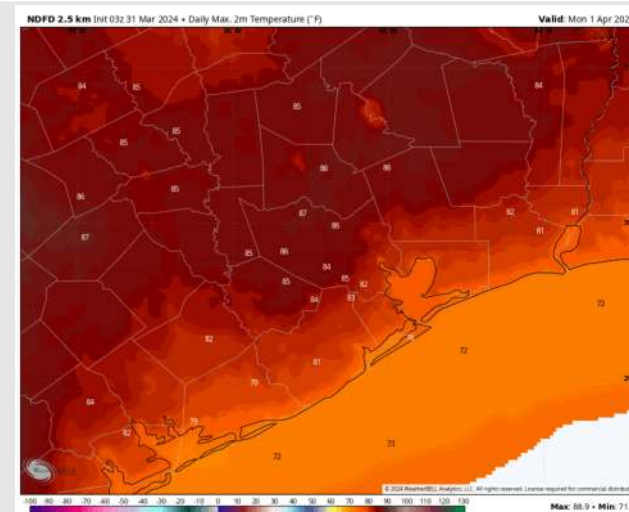
High Temps: **N of Morgan's Point:** Mid 80s F. **S of Morgan's Point:** Mid 70s F

Visibility: Fog not favored for Monday due to elevated winds.

Precip Image: 12 PM CT



Wind Speed:
12 PM CT



High Temps
Monday

Houston Pilots: Tue. 4/2/2024

Forecast Discussion

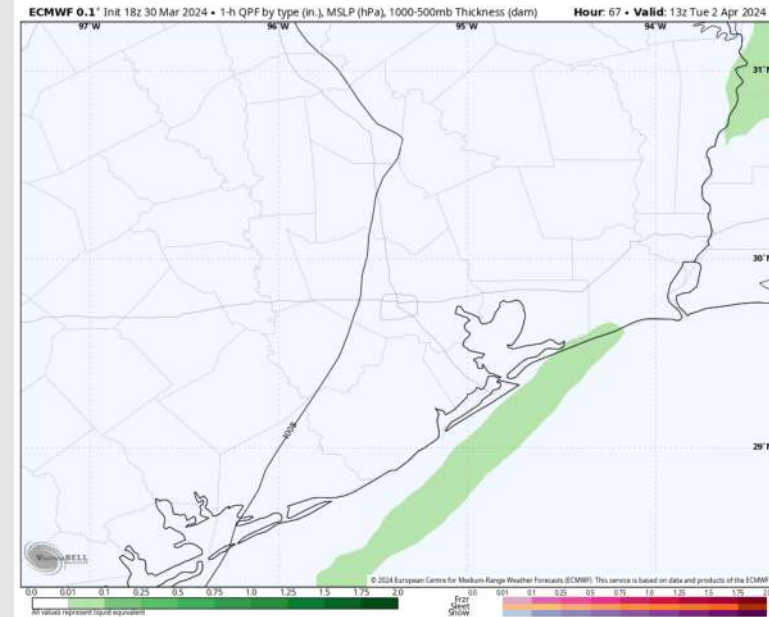
Precip: As a front passes through TUE morning, light rain will be possible through ~11 AM CT. Dry conditions afterwards.

Wind: Winds will be out of the S/SE to start the day. They will gradually shift to being out of the NW by 11 AM once a front passes and remain there for the PM hours. **N Morgan's Point:** Winds at 4-9 kts through 11 AM before increasing to 10-15 kts the rest of TUE. **S of Morgan's Point:** Winds will decrease to 5-10 kts by 5 AM before increasing to 10-15 kts by 12 PM. Winds will then increase again to 22-27 kts by 8 PM. **Wind gusts of 25-30 kts S of Morgan's Point will be possible after 8 PM**

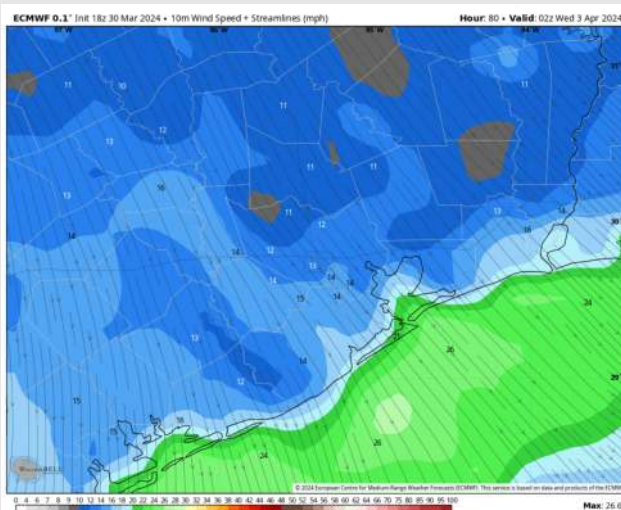
High Temps: **N of Morgan's Point:** Upper 70s F. **S of Morgan's Point:** Mid/Upper 70s F

Visibility: Monitoring a low-end risk for patchy fog out ahead of a front passing during the AM hours, however fog is not favored.

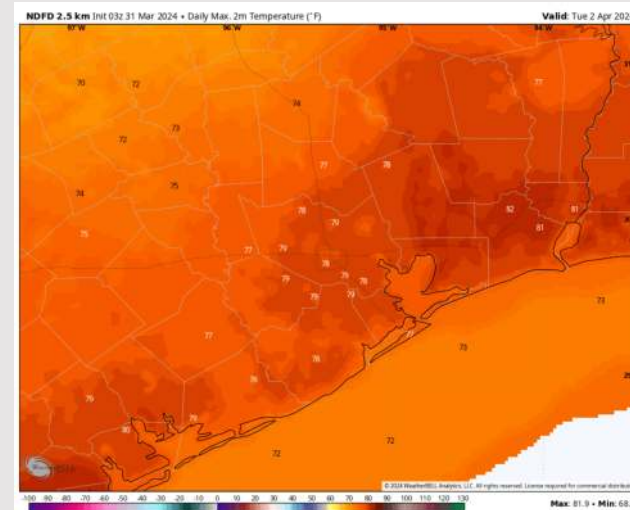
Precip Image: 8 AM CT



Wind Speed
9 PM CT

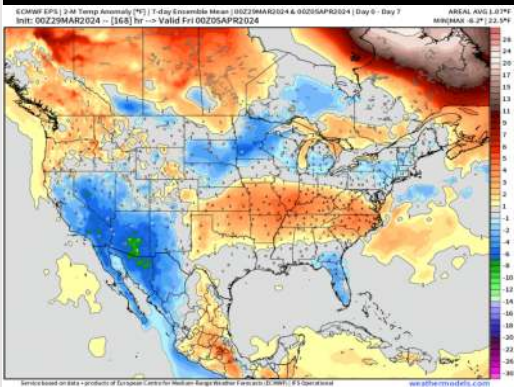


High Temps
Tuesday

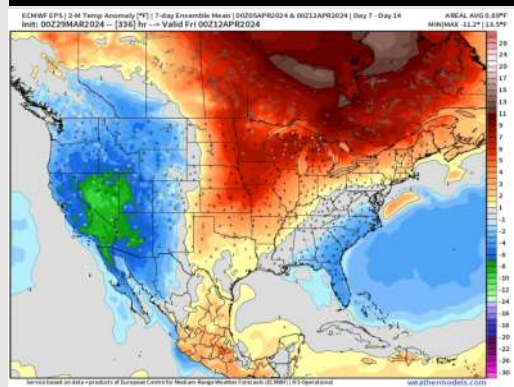


Houston Pilots: 3/31/24

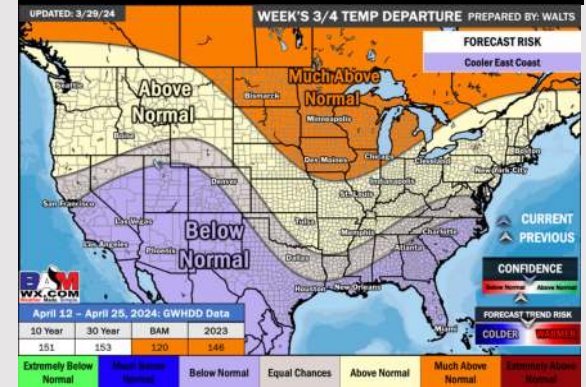
Next 7 Day Temperature Departure



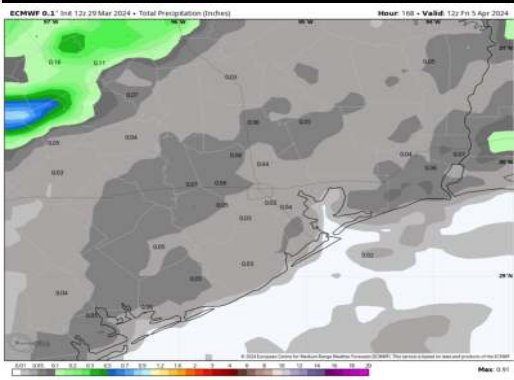
8-14 Day Temperature Departure



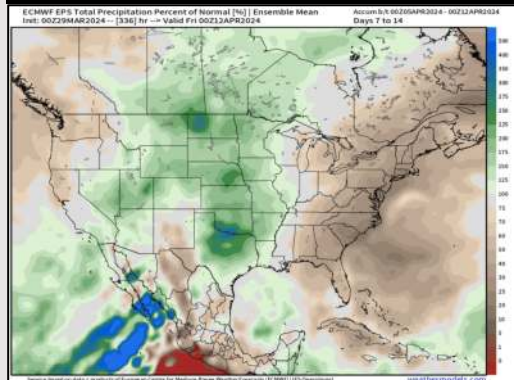
15-30 Day Temperature Departure



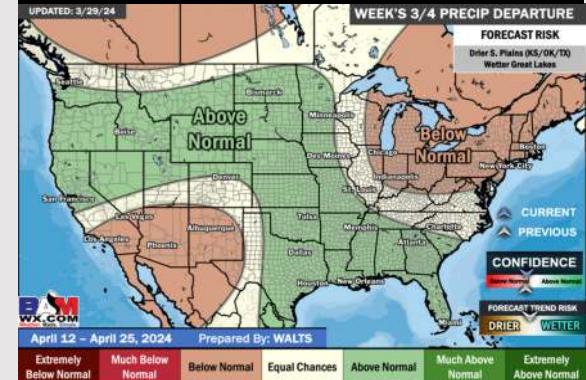
Next 7 Day Total Precipitation



8-14 Day % of Average Precip.



15-30 Day % of Average Precip.



- A dry week ahead with light rain chances beginning to push this morning and through Tuesday. Temps are expected near normal / seasonable to end March/begin April.
- Above normal precipitation chances are at play during the week 2 timeframe. Temps are expected to be near to slightly above normal.
- Above normal chances for precipitation are favored in the weeks $\frac{3}{4}$ timeframe. Temperatures expected to be below normal.