

# Houston Pilots Forecast Package



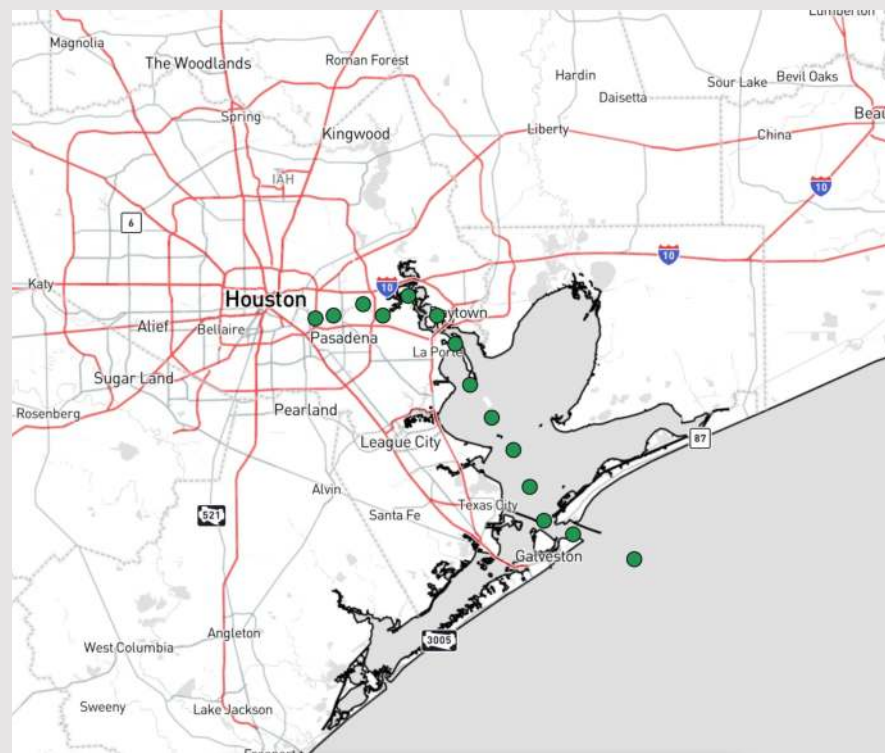
Updated: 12:25 AM CT

Saturday, March 30, 2024

Forecaster: Jonathan Kipper

## Weather Headlines

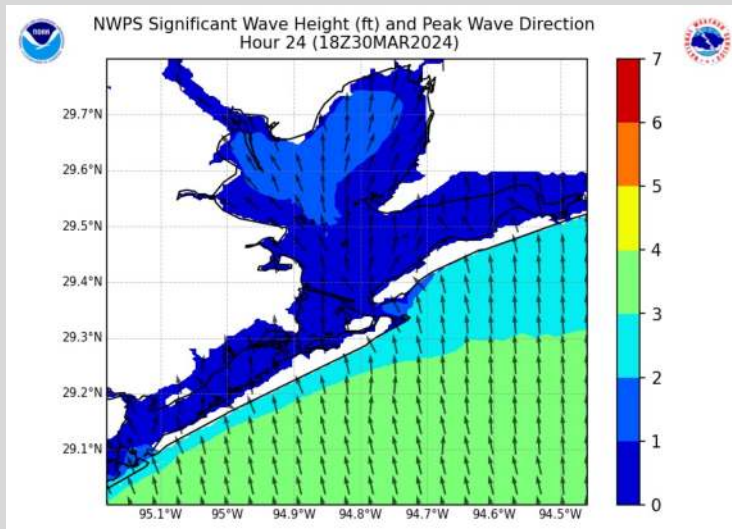
- Favoring a drier weekend overall with rain chances not to return until light drizzle works into the area SUN PM ahead of a front.
- Will need to keep an eye on wave heights through the weekend of 2 – 3 ft. Better opportunities for waves up to 4 ft will more in MON/TUE.
- Not favoring fog development for all stations at this time over the next 48 hours.





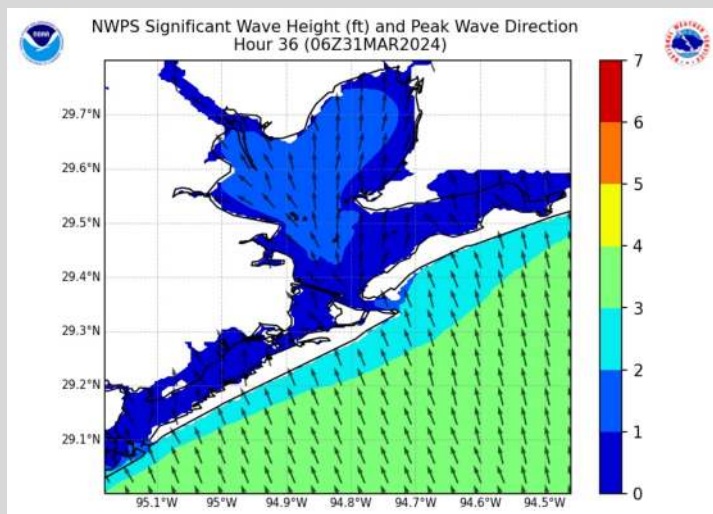
# Houston Pilots Wave Height Update

## Significant Wave Height Image



1 PM CT SAT

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 AM CT SUN

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.



# Houston Pilots Extended Range Visibility Report



Tuesday 4/2/24

Fog is not favored for Tuesday.

### Forecast Confidence



Thursday 4/4/24

Fog is not favored for Thursday.

### Forecast Confidence



Wednesday 4/3/24

Fog is not favored for Wednesday.

### Forecast Confidence



### Chance for Fog

|              |          |
|--------------|----------|
| Tuesday AM   | Unlikely |
| Tuesday PM   | Unlikely |
| Wednesday AM | Unlikely |
| Wednesday PM | Unlikely |
| Thursday AM  | Unlikely |
| Thursday PM  | Unlikely |



# Houston Pilots Visibility Chart (miles)



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

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        | Sat 1am | Sat 2am | Sat 3am | Sat 4am | Sat 5am | Sat 6am | Sat 7am | Sat 8am | Sat 9am | Sat 10am | Sat 11am | Sat 12pm | Sat 1pm | Sat 2pm | Sat 3pm | Sat 4pm | Sat 5pm | Sat 6pm | Sat 7pm | Sat 8pm | Sat 9pm | Sat 10pm | Sat 11pm | Sun 12am |
|-------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|----------|----------|----------|---------|---------|---------|---------|---------|---------|---------|---------|---------|----------|----------|----------|
| 610 Bridge        | 7       | 7       | 7       | 6       | 5       | 5       | 5       | 5       | 6       | 7        | 9        | 9        | 9       | 9       | 9       | 10      | 11      | 11      | 10      | 9       | 8       | 7        | 7        | 6        |
|                   | 14      | 14      | 13      | 12      | 11      | 10      | 10      | 10      | 12      | 14       | 14       | 14       | 14      | 15      | 17      | 18      | 19      | 18      | 17      | 16      | 15      | 14       | 13       | 12       |
|                   | SSE     | S       | S       | S       | S       | SSE     | SSE     | S       | S       | S        | S        | S        | S       | SSE     | SSE     | SSE     | SSE     | SSE     | SSE     | SSE     | SSE     | SSE      | SSE      | SSE      |
| Kinder 1          | 7       | 7       | 7       | 6       | 5       | 5       | 5       | 5       | 6       | 7        | 8        | 9        | 9       | 9       | 10      | 10      | 11      | 11      | 9       | 8       | 7       | 7        | 7        | 6        |
|                   | 14      | 14      | 13      | 12      | 11      | 10      | 9       | 10      | 12      | 14       | 14       | 14       | 14      | 15      | 17      | 17      | 19      | 18      | 17      | 15      | 15      | 14       | 12       | 12       |
|                   | SSE     | S       | S       | S       | S       | SSE     | SSE     | S       | S       | S        | S        | S        | S       | SSE     | SSE     | SSE     | SSE     | SSE     | SSE     | SSE     | SSE     | SSE      | SSE      | SSE      |
| Greens Bayou      | 7       | 7       | 7       | 6       | 5       | 5       | 5       | 5       | 6       | 7        | 8        | 9        | 9       | 9       | 10      | 11      | 11      | 10      | 9       | 8       | 7       | 7        | 7        | 6        |
|                   | 14      | 14      | 13      | 12      | 11      | 10      | 10      | 10      | 12      | 13       | 14       | 14       | 14      | 15      | 17      | 18      | 19      | 17      | 16      | 15      | 14      | 13       | 12       | 12       |
|                   | SSE     | S       | S       | S       | S       | SSE     | S       | S       | S       | S        | S        | S        | S       | SSE     | SSE     | SSE     | SSE     | SSE     | SSE     | SSE     | SSE     | SSE      | SSE      | SSE      |
| Shell Crude       | 7       | 7       | 7       | 6       | 5       | 5       | 5       | 5       | 6       | 7        | 8        | 9        | 9       | 9       | 10      | 11      | 11      | 10      | 9       | 8       | 7       | 7        | 7        | 6        |
|                   | 14      | 13      | 13      | 13      | 11      | 10      | 9       | 10      | 12      | 13       | 13       | 14       | 14      | 15      | 17      | 18      | 19      | 17      | 16      | 15      | 14      | 13       | 12       | 12       |
|                   | SSE     | S       | S       | S       | S       | SSE     | S       | S       | S       | S        | S        | S        | S       | SSE     | SSE     | SSE     | SSE     | SSE     | SSE     | SSE     | SSE     | SSE      | SSE      | SSE      |
| Lynchburg Ferries | 7       | 7       | 7       | 6       | 5       | 5       | 5       | 5       | 6       | 7        | 8        | 9        | 9       | 10      | 11      | 11      | 11      | 11      | 9       | 8       | 7       | 7        | 7        | 6        |
|                   | 14      | 13      | 13      | 12      | 11      | 10      | 10      | 10      | 12      | 13       | 13       | 13       | 14      | 15      | 17      | 19      | 19      | 18      | 17      | 15      | 15      | 13       | 12       | 12       |
|                   | SSE     | S       | S       | S       | S       | SSE     | S       | S       | S       | S        | S        | S        | SSE     | SSE     | SSE     | SSE     | SSE     | SSE     | SSE     | SSE     | SSE     | SSE      | SSE      | SSE      |
| Exxon 3           | 9       | 9       | 9       | 7       | 7       | 6       | 5       | 6       | 7       | 7        | 9        | 9        | 10      | 11      | 12      | 13      | 13      | 13      | 12      | 11      | 11      | 10       | 9        | 9        |
|                   | 14      | 14      | 14      | 13      | 13      | 12      | 11      | 11      | 13      | 13       | 13       | 14       | 14      | 16      | 18      | 19      | 19      | 19      | 18      | 16      | 16      | 14       | 13       | 13       |
|                   | SSE     | S       | S       | S       | S       | S       | S       | S       | S       | S        | S        | SSE      | SSE     | SSE     | SSE     | SSE     | SSE     | SSE     | SSE     | SSE     | SSE     | SSE      | SSE      | SSE      |
| Morgans Point     | 10      | 10      | 9       | 8       | 7       | 7       | 6       | 6       | 7       | 7        | 8        | 9        | 11      | 11      | 12      | 13      | 13      | 12      | 11      | 11      | 10      | 10       | 9        | 9        |
|                   | 14      | 15      | 14      | 13      | 13      | 12      | 11      | 11      | 13      | 13       | 14       | 14       | 15      | 16      | 18      | 19      | 19      | 18      | 17      | 16      | 16      | 14       | 14       | 13       |
|                   | S       | S       | S       | S       | S       | S       | S       | S       | S       | S        | S        | SSE      | SSE     | SSE     | SSE     | SSE     | SSE     | SSE     | SSE     | SSE     | SSE     | SSE      | SSE      | SSE      |
| 75/76             | 15      | 15      | 15      | 13      | 12      | 11      | 9       | 9       | 10      | 10       | 10       | 11       | 12      | 13      | 14      | 15      | 15      | 15      | 15      | 15      | 14      | 13       | 13       | 13       |
|                   | 21      | 21      | 21      | 19      | 17      | 16      | 14      | 13      | 14      | 14       | 14       | 16       | 17      | 19      | 20      | 22      | 22      | 21      | 21      | 21      | 20      | 19       | 20       | 19       |
|                   | S       | S       | S       | S       | S       | S       | S       | S       | S       | S        | SSE      | SSE      | SSE     | SSE     | SSE     | SSE     | SSE     | SSE     | SSE     | SSE     | SSE     | SSE      | SSE      | SSE      |
| 63/64             | 14      | 14      | 13      | 13      | 11      | 10      | 9       | 9       | 9       | 9        | 10       | 11       | 11      | 12      | 13      | 13      | 14      | 14      | 13      | 13      | 13      | 12       | 13       | 13       |
|                   | 21      | 20      | 20      | 19      | 17      | 15      | 14      | 13      | 14      | 13       | 14       | 15       | 17      | 19      | 20      | 21      | 20      | 21      | 19      | 19      | 19      | 18       | 18       | 18       |
|                   | S       | S       | S       | S       | S       | S       | S       | S       | S       | S        | SSE      | SSE      | SSE     | SSE     | SSE     | SSE     | SSE     | SSE     | SSE     | SSE     | SSE     | SSE      | SSE      | SSE      |
| 51/52             | 13      | 13      | 13      | 12      | 11      | 11      | 9       | 9       | 9       | 9        | 9        | 10       | 11      | 11      | 12      | 12      | 12      | 13      | 12      | 11      | 11      | 11       | 11       | 11       |
|                   | 19      | 19      | 18      | 18      | 16      | 15      | 13      | 13      | 13      | 13       | 14       | 15       | 16      | 17      | 17      | 18      | 18      | 18      | 16      | 16      | 15      | 16       | 16       | 16       |
|                   | S       | S       | S       | S       | S       | S       | S       | S       | S       | S        | SSE      | SSE      | SSE     | SSE     | SSE     | SSE     | SSE     | SSE     | SE      | SSE     | SSE     | SSE      | SSE      | SSE      |
| 37/38             | 13      | 13      | 13      | 12      | 11      | 11      | 9       | 9       | 9       | 9        | 9        | 10       | 10      | 11      | 11      | 11      | 11      | 12      | 11      | 11      | 11      | 9        | 11       | 11       |
|                   | 18      | 19      | 18      | 18      | 16      | 15      | 13      | 13      | 13      | 13       | 14       | 15       | 15      | 16      | 17      | 17      | 18      | 17      | 17      | 15      | 16      | 14       | 16       | 15       |
|                   | S       | S       | S       | S       | S       | S       | S       | S       | S       | S        | S        | SSE      | SSE     | SSE     | SSE     | SSE     | SSE     | SSE     | SE      | SE      | SSE     | SSE      | SSE      | SSE      |
| 25/26             | 11      | 12      | 11      | 11      | 11      | 9       | 9       | 8       | 9       | 9        | 9        | 10       | 10      | 11      | 11      | 11      | 11      | 11      | 10      | 9       | 9       | 9        | 10       | 10       |
|                   | 16      | 17      | 16      | 16      | 15      | 14      | 13      | 13      | 14      | 13       | 13       | 15       | 15      | 15      | 17      | 17      | 17      | 16      | 16      | 14      | 14      | 13       | 14       | 15       |
|                   | S       | S       | S       | S       | S       | S       | S       | S       | S       | S        | S        | SSE      | SSE     | SSE     | SSE     | SSE     | SSE     | SE      | SE      | SE      | SSE     | SSE      | SSE      | SSE      |
| 11/12             | 9       | 9       | 9       | 9       | 9       | 8       | 7       | 7       | 7       | 7        | 9        | 9        | 10      | 11      | 11      | 11      | 11      | 10      | 9       | 8       | 8       | 8        | 8        | 9        |
|                   | 14      | 13      | 13      | 14      | 14      | 13      | 13      | 13      | 13      | 13       | 13       | 14       | 14      | 15      | 16      | 16      | 15      | 14      | 13      | 13      | 13      | 13       | 13       | 13       |
|                   | S       | S       | S       | S       | S       | S       | S       | S       | S       | S        | S        | SSE      | SSE     | SSE     | SSE     | SE      | SE      | SE      | SE      | SE      | SE      | SE       | SSE      | SSE      |
| 1 & 2 Bravo       | 11      | 11      | 11      | 12      | 11      | 11      | 9       | 9       | 8       | 8        | 9        | 9        | 9       | 9       | 9       | 9       | 10      | 11      | 10      | 10      | 11      | 11       | 11       | 11       |
|                   | 16      | 17      | 17      | 18      | 17      | 15      | 14      | 14      | 13      | 13       | 13       | 13       | 13      | 14      | 14      | 15      | 15      | 15      | 15      | 15      | 16      | 15       | 16       | 17       |
|                   | SSE     | S       | S       | S       | S       | S       | S       | S       | S       | S        | SSE      | SSE      | SE      | SE      | SE      | SE      | SE      | SE      | SE      | SE      | SE      | SE       | SE       | SSE      |

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This data should be used as a guide only



# Houston Pilots: Sat. 3/30/2024

## Forecast Discussion

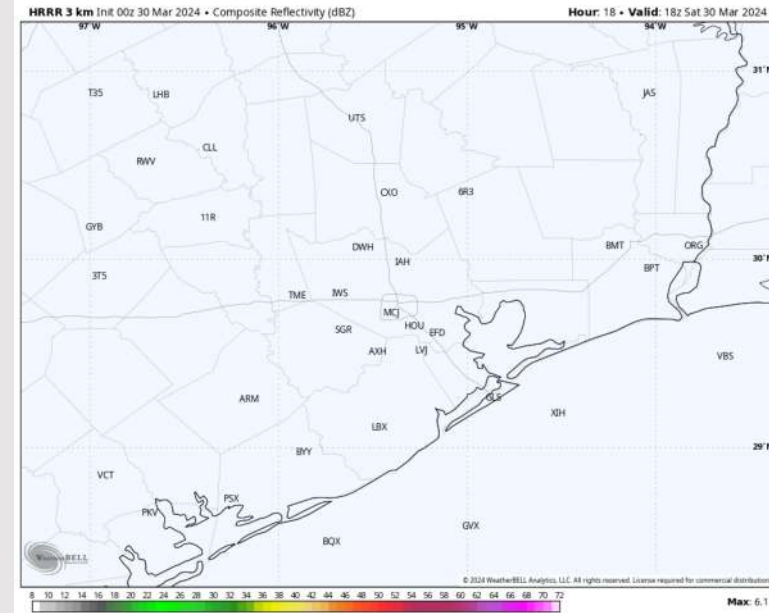
**Precip:** Favoring dry conditions for today.

**Wind:** Winds will be out of the S/SE for the entire day. **N Morgan's Point:** Winds 3 – 8 kts through 1 PM before becoming 6 – 10 kts for the remainder of the day. **S of Morgan's Point:** Winds to at 13 – 18 kts through 10 AM before a decrease to 7-12 kts the rest of the day.

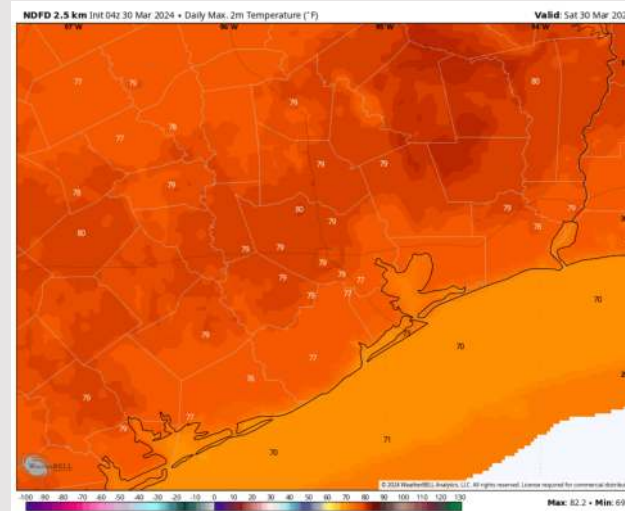
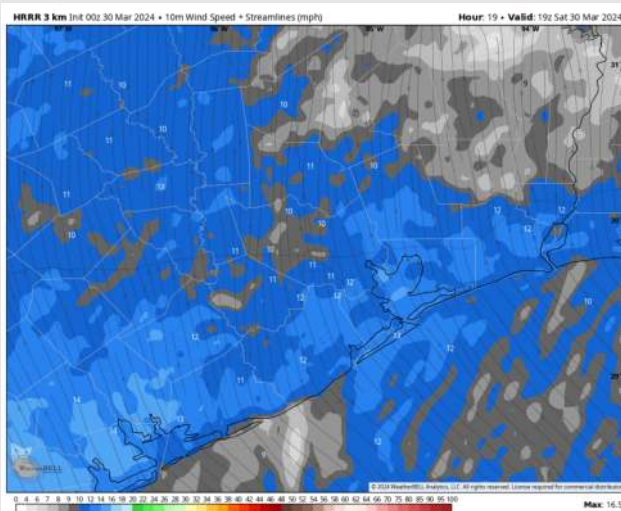
**High Temps:** **N of Morgan's Point:** Upper 70s F. **S of Morgan's Point:** Low/Mid 70s F

**Visibility:** Not favoring fog concerns for this morning due to elevated winds.

## Precip Image: 1 PM CT



Wind Speed  
2 PM CT



High Temps  
Today



# Houston Pilots: Sun. 3/31/2024

## Forecast Discussion

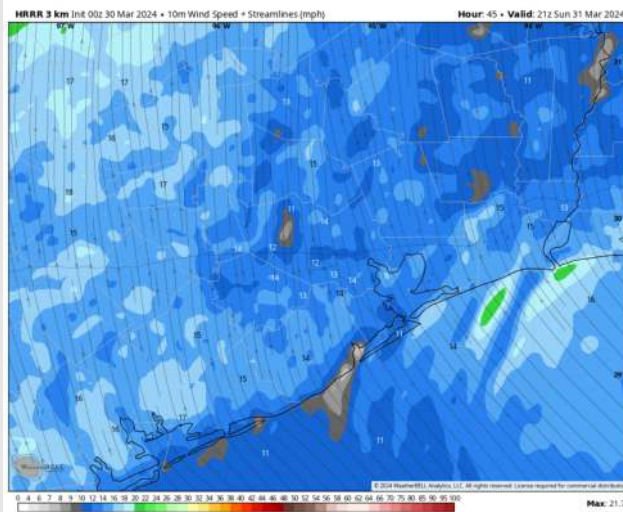
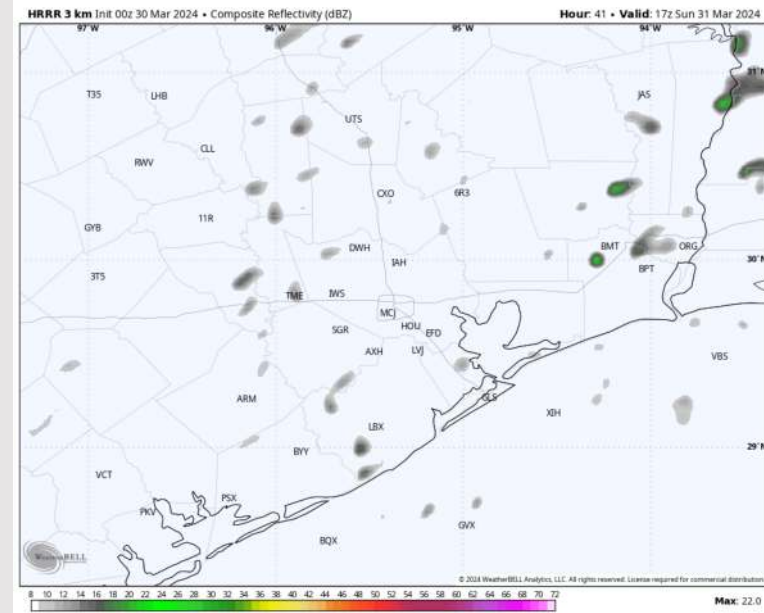
**Precip:** Favoring dry conditions for Sunday AM with a low-end risk for light drizzle Sunday PM.

**Wind:** Winds will continue to remain out of the SE / S. **N Morgan's Point:** Winds at 4 - 9 kts through 11AM before becoming 8 - 13 kts. **S of Morgan's Point:** Winds at 6 - 11 kts through 11AM before becoming 10 - 15 kts for the remainder of the day. **Wind gusts of up to 22 kts possible after 12 PM.**

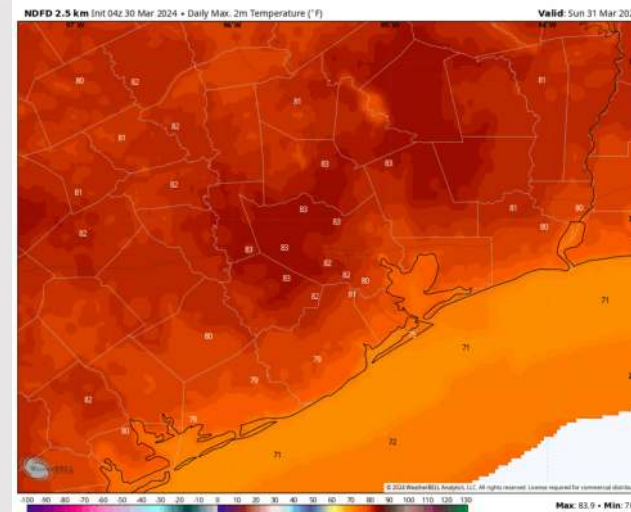
**High Temps:** **N of Morgan's Point:** Lower 80s F. **S of Morgan's Point:** Mid 70s F.

**Visibility:** No anticipating any visibility concerns Sunday

## Precip Image: 12 PM CT



Wind Speed:  
4 PM CT



High Temps  
Sunday



# Houston Pilots: Fri. 3/29/2024

## Forecast Discussion

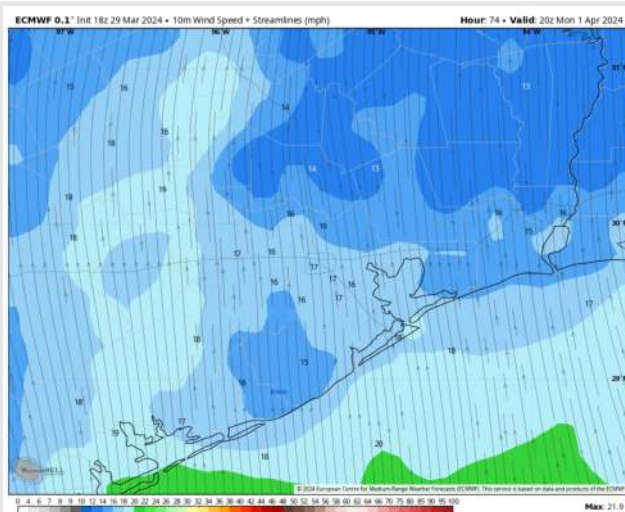
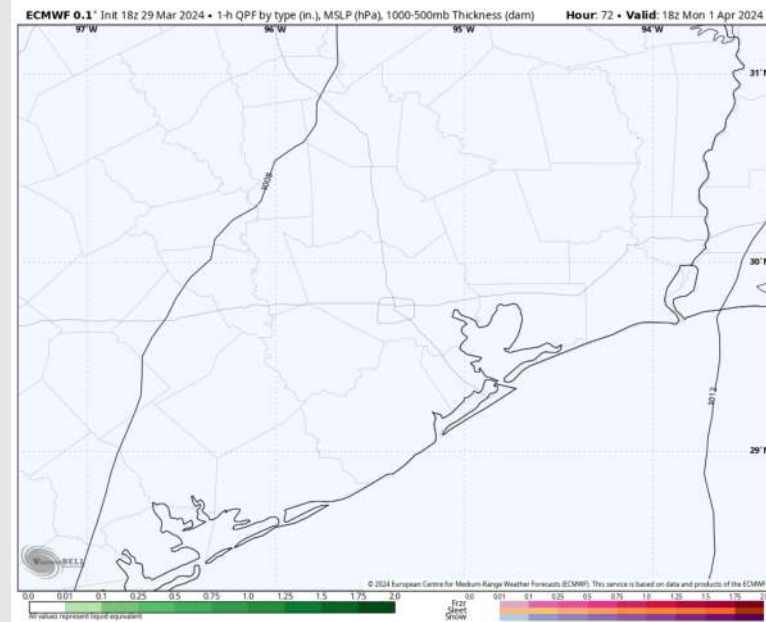
**Precip:** Favoring dry conditions for Monday.

**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 12 PM before increasing to 10-15 kts during the PM hours. **S of Morgan's Point:** Winds at 15-20 kts throughout the day MON. **Gusts of up to 22-27 kts can't be ruled out during the PM hours at all stations.**

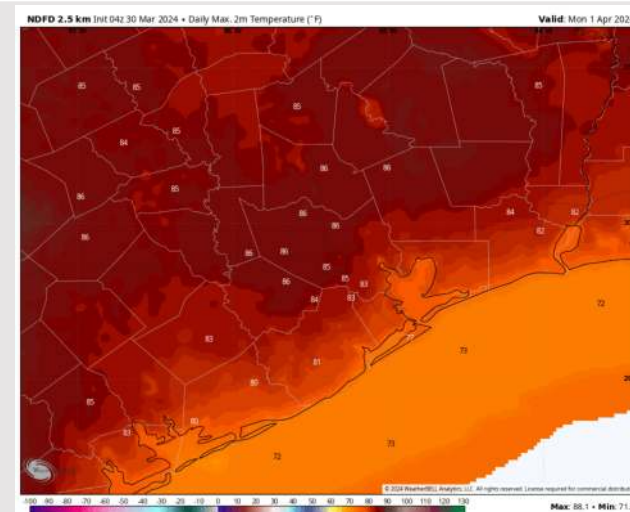
**High Temps:** **N of Morgan's Point:** Low/Mid 80s F. **S of Morgan's Point:** Mid 70s F

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

## Precip Image: 1 PM CT



**Wind Speed:**  
3 PM CT

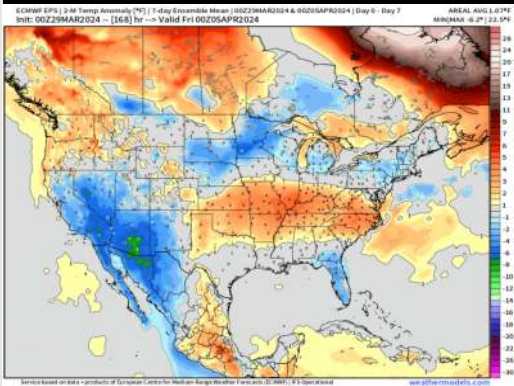


**High Temps**  
**Monday**

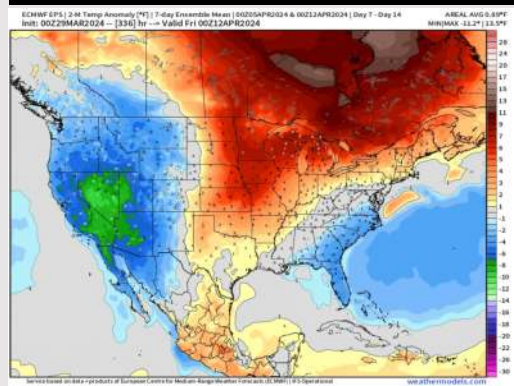


# Houston Pilots: 3/30/24

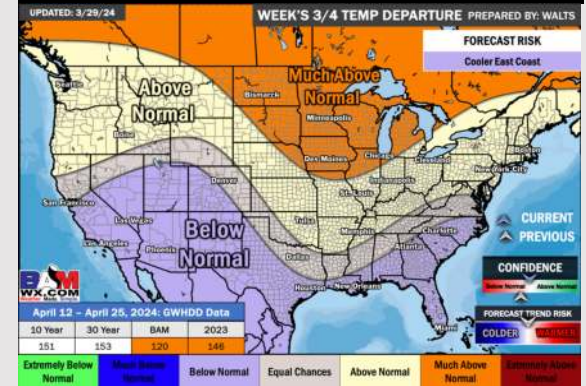
## Next 7 Day Temperature Departure



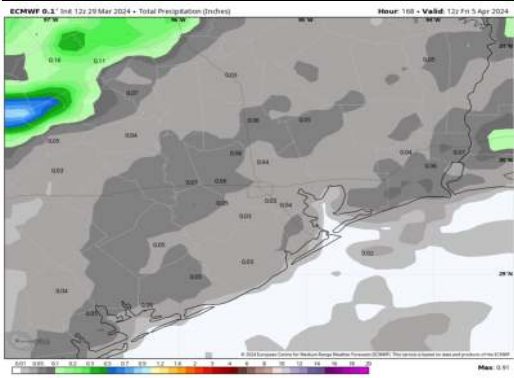
## 8-14 Day Temperature Departure



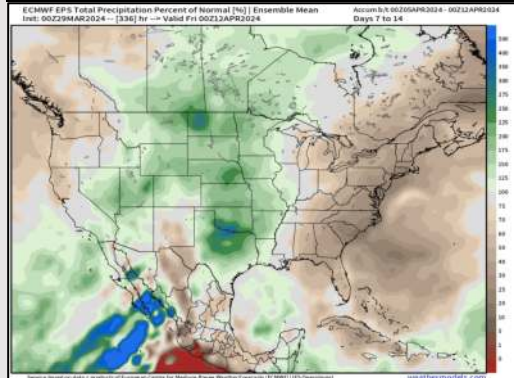
## 15-30 Day Temperature Departure



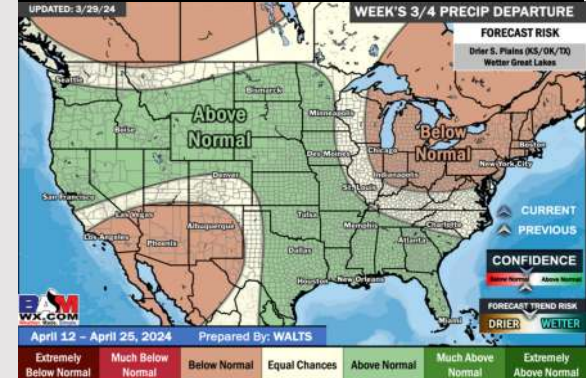
## Next 7 Day Total Precipitation



## 8-14 Day % of Average Precip.



## 15-30 Day % of Average Precip.



- A dry weekend ahead with light rain chances beginning to push in late Sunday 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.