

# Houston Pilots Forecast Package



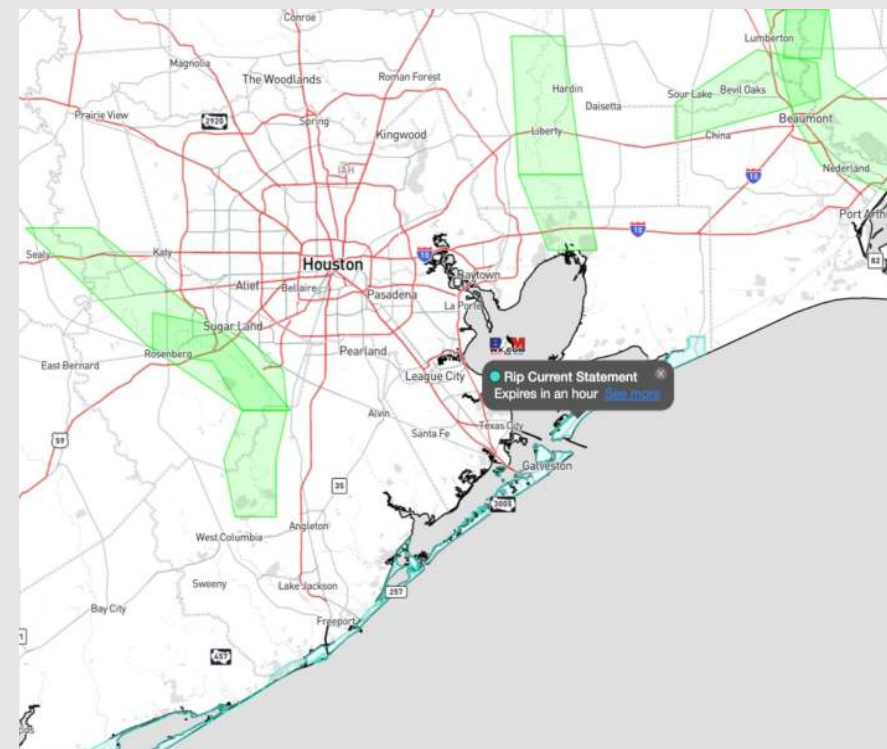
Updated: 11:05 PM CT

Thursday, May 23, 2024

Forecaster: Xander Lowry

## Weather Headlines

- Favoring dry conditions into the weekend.
- No additional fog concerns over the next few days
- Winds will be elevated over the next 24 hours out of the SE, with gusts able to reach 25-30 kts at times resulting in increased wave heights.



Current Radar: 11:05 PM CT

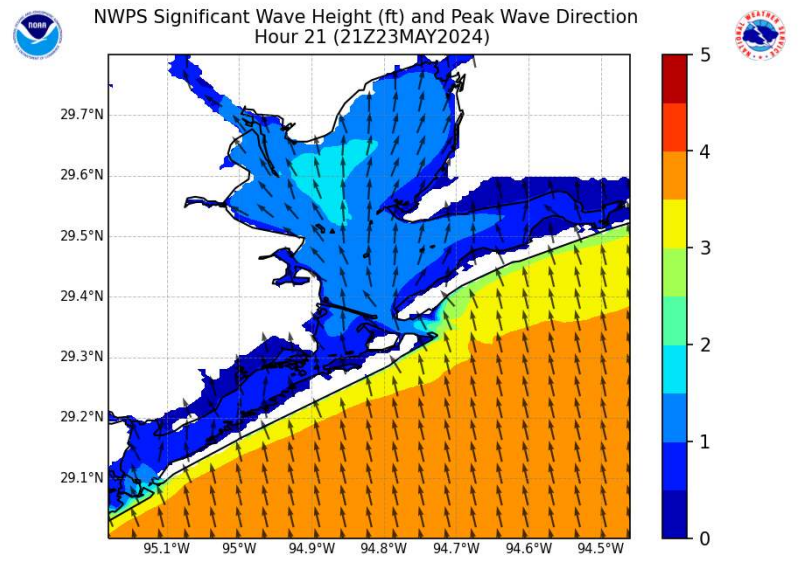


As always, please do not hesitate to reach out to us with any forecast questions via the chat option on Clarity or our on-call number, **(317)-560-8122** press 1 for forecast questions.

# Houston Pilots Wave Height Update

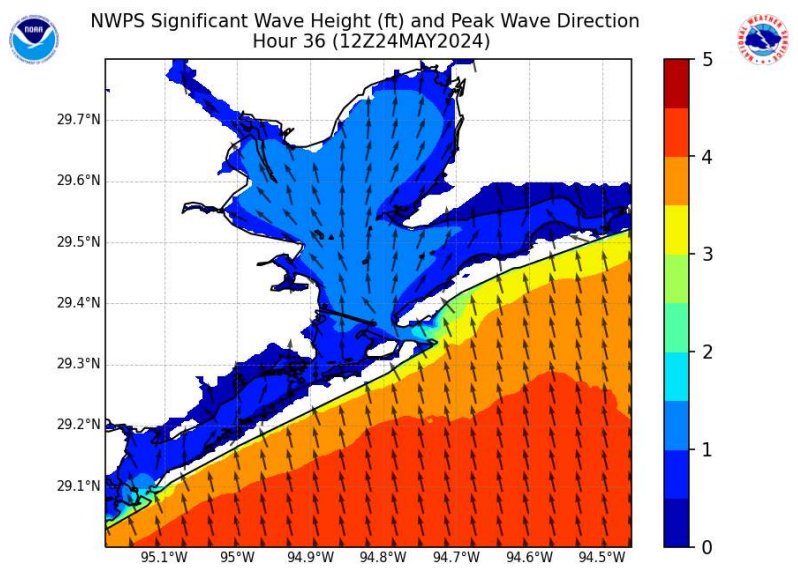


## Significant Wave Height Image



5 PM CT THU

Elevated winds out of the SE for an extended period of time is resulting in an increase in wave heights at the Boarding Station. By 5 PM THU, wave heights are forecasted to be around 3 – 4 ft at the Boarding Station.



7 AM CT FRI

By 7 AM Friday, winds at the Boarding Station will have reached the 3.5 – 4.5 ft range. Waves will drop back down to under 4 ft by noon on Friday.

# Houston Pilots Visibility Chart (miles)



## Forecast Confidence



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



## Forecast Confidence



## Example

Sustained wind 13 Knots  
Gusts 18 Knots  
Wind from the N

WS: 13  
G:18  
N

| Time Knots        | 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 | Thu 4pm | Thu 5pm | Thu 6pm | Thu 7pm | Thu 8pm | Thu 9pm | Thu 10pm |
|-------------------|----------|----------|---------|---------|---------|---------|---------|---------|---------|---------|---------|----------|----------|----------|---------|---------|---------|---------|---------|---------|---------|---------|---------|----------|
| 610 Bridge        | 9        | 9        | 9       | 9       | 8       | 8       | 8       | 7       | 7       | 8       | 8       | 9        | 9        | 10       | 11      | 11      | 12      | 12      | 12      | 11      | 11      | 10      | 10      | 9        |
|                   | 19       | 20       | 20      | 19      | 18      | 17      | 16      | 15      | 15      | 16      | 16      | 18       | 19       | 20       | 21      | 23      | 23      | 24      | 23      | 22      | 21      | 21      | 20      | 19       |
|                   | SE       | SE       | SE      | SE      | SE      | SE      | SE      | SE      | SE      | SSE     | SSE     | SSE      | S        | S        | S       | S       | S       | S       | S       | S       | S       | SSE     | SSE     | SSE      |
| Kinder 1          | 9        | 9        | 9       | 9       | 8       | 8       | 8       | 7       | 7       | 8       | 8       | 9        | 9        | 10       | 11      | 11      | 12      | 12      | 12      | 11      | 11      | 10      | 9       | 9        |
|                   | 19       | 20       | 20      | 19      | 18      | 17      | 16      | 15      | 15      | 16      | 16      | 18       | 19       | 20       | 21      | 22      | 23      | 23      | 23      | 22      | 21      | 21      | 20      | 19       |
|                   | SE       | SE       | SE      | SE      | SE      | SE      | SE      | SE      | SE      | SSE     | SSE     | SSE      | S        | S        | S       | S       | S       | S       | S       | S       | S       | SSE     | SSE     | SSE      |
| Greens Bayou      | 9        | 9        | 9       | 9       | 8       | 8       | 8       | 7       | 7       | 8       | 8       | 9        | 9        | 10       | 11      | 11      | 12      | 12      | 12      | 11      | 11      | 10      | 9       | 9        |
|                   | 19       | 19       | 20      | 19      | 18      | 17      | 16      | 16      | 15      | 16      | 16      | 18       | 19       | 20       | 21      | 21      | 22      | 22      | 22      | 21      | 20      | 20      | 19      | 18       |
|                   | SE       | SE       | SE      | SE      | SE      | SE      | SE      | SE      | SE      | SSE     | SSE     | SSE      | S        | S        | S       | S       | S       | S       | SSE     | SSE     | SSE     | SSE     | SSE     | SSE      |
| Shell Crude       | 9        | 9        | 9       | 9       | 9       | 8       | 8       | 7       | 7       | 8       | 9       | 9        | 10       | 10       | 11      | 11      | 12      | 12      | 12      | 11      | 11      | 10      | 9       | 9        |
|                   | 19       | 19       | 20      | 19      | 18      | 17      | 16      | 16      | 16      | 16      | 16      | 18       | 19       | 20       | 21      | 21      | 22      | 22      | 22      | 21      | 20      | 20      | 19      | 18       |
|                   | SE       | SE       | SE      | SE      | SE      | SE      | SE      | SE      | SE      | SSE     | SSE     | SSE      | S        | S        | S       | S       | S       | S       | SSE     | SSE     | SSE     | SSE     | SSE     | SSE      |
| Lynchburg Ferries | 9        | 9        | 9       | 9       | 8       | 8       | 8       | 7       | 7       | 8       | 9       | 9        | 10       | 11       | 11      | 11      | 12      | 12      | 12      | 11      | 11      | 10      | 9       | 9        |
|                   | 19       | 19       | 20      | 19      | 18      | 17      | 16      | 16      | 16      | 16      | 16      | 18       | 19       | 20       | 21      | 21      | 22      | 22      | 22      | 21      | 20      | 20      | 19      | 18       |
|                   | SE       | SE       | SE      | SE      | SE      | SE      | SE      | SE      | SSE     | SSE     | SSE     | S        | S        | S        | SSE     | SSE     | SSE     | SSE     | SSE     | SSE     | SSE     | SSE     | SSE     | SSE      |
| Exxon 3           | 13       | 14       | 14      | 14      | 13      | 13      | 13      | 12      | 11      | 11      | 11      | 11       | 12       | 12       | 13      | 13      | 14      | 14      | 14      | 14      | 14      | 13      | 13      | 13       |
|                   | 20       | 21       | 21      | 20      | 19      | 18      | 18      | 17      | 17      | 18      | 17      | 18       | 19       | 20       | 21      | 21      | 22      | 22      | 22      | 21      | 21      | 21      | 20      | 19       |
|                   | SE       | SE       | SE      | SE      | SE      | SE      | SE      | SE      | SE      | SSE     | SSE     | SSE      | SSE      | SSE      | SSE     | SSE     | SSE     | SSE     | SSE     | SSE     | SSE     | SSE     | SSE     | SSE      |
| Morgans Point     | 13       | 14       | 14      | 14      | 13      | 13      | 13      | 12      | 11      | 12      | 11      | 11       | 12       | 12       | 13      | 13      | 14      | 14      | 14      | 14      | 13      | 13      | 13      | 13       |
|                   | 20       | 21       | 21      | 20      | 19      | 19      | 19      | 18      | 17      | 18      | 17      | 18       | 19       | 20       | 21      | 21      | 22      | 22      | 22      | 21      | 21      | 21      | 20      | 19       |
|                   | SE       | SE       | SE      | SE      | SE      | SE      | SE      | SE      | SE      | SSE     | SSE     | SSE      | SSE      | SSE      | SSE     | SSE     | SSE     | SSE     | SSE     | SSE     | SSE     | SSE     | SSE     | SSE      |
| 75/76             | 15       | 15       | 16      | 16      | 15      | 15      | 14      | 14      | 13      | 13      | 13      | 13       | 13       | 13       | 13      | 14      | 14      | 14      | 14      | 14      | 14      | 14      | 14      | 14       |
|                   | 22       | 22       | 23      | 22      | 22      | 21      | 21      | 20      | 19      | 20      | 19      | 19       | 20       | 21       | 21      | 22      | 22      | 22      | 22      | 21      | 21      | 21      | 21      | 20       |
|                   | SE       | SE       | SE      | SE      | SE      | SE      | SE      | SE      | SSE     | SSE     | SSE     | SSE      | SSE      | S        | SSE     | SSE     | SSE     | SSE     | SSE     | SSE     | SSE     | SSE     | SSE     | SSE      |
| 63/64             | 15       | 15       | 16      | 16      | 15      | 15      | 15      | 14      | 13      | 13      | 13      | 13       | 13       | 13       | 13      | 13      | 14      | 14      | 14      | 14      | 14      | 14      | 14      | 14       |
|                   | 22       | 22       | 23      | 22      | 22      | 21      | 21      | 20      | 20      | 20      | 20      | 19       | 20       | 21       | 21      | 22      | 22      | 22      | 22      | 21      | 21      | 21      | 20      | 20       |
|                   | SE       | SE       | SE      | SE      | SE      | SE      | SE      | SE      | SSE     | SSE     | SSE     | SSE      | SSE      | S        | SSE     | SSE     | SSE     | SSE     | SSE     | SSE     | SSE     | SSE     | SSE     | SSE      |
| 51/52             | 15       | 16       | 17      | 17      | 16      | 16      | 15      | 15      | 14      | 14      | 14      | 13       | 13       | 13       | 13      | 13      | 14      | 14      | 14      | 14      | 14      | 14      | 14      | 14       |
|                   | 21       | 22       | 23      | 23      | 22      | 22      | 22      | 21      | 20      | 20      | 20      | 20       | 21       | 20       | 21      | 21      | 21      | 21      | 21      | 21      | 21      | 20      | 20      | 20       |
|                   | SE       | SE       | SE      | SE      | SE      | SE      | SE      | SE      | SE      | SSE     | SSE     | SSE      | SSE      | S        | S       | S       | S       | S       | S       | SSE     | SSE     | SSE     | SSE     | SSE      |
| 37/38             | 15       | 15       | 16      | 16      | 16      | 15      | 15      | 15      | 14      | 14      | 13      | 13       | 13       | 13       | 13      | 13      | 14      | 14      | 14      | 13      | 13      | 13      | 13      | 13       |
|                   | 21       | 22       | 22      | 23      | 22      | 22      | 22      | 21      | 20      | 20      | 20      | 19       | 20       | 20       | 21      | 20      | 21      | 21      | 21      | 20      | 19      | 20      | 20      | 20       |
|                   | SE       | SE       | SE      | SE      | SE      | SE      | SE      | SE      | SE      | SSE     | SSE     | SSE      | SSE      | S        | S       | S       | S       | S       | S       | SSE     | SSE     | SSE     | SSE     | SSE      |
| 25/26             | 14       | 15       | 15      | 15      | 15      | 15      | 15      | 14      | 13      | 13      | 13      | 13       | 13       | 13       | 13      | 13      | 13      | 14      | 14      | 13      | 13      | 13      | 13      | 13       |
|                   | 21       | 21       | 22      | 22      | 22      | 22      | 21      | 21      | 20      | 20      | 19      | 19       | 20       | 20       | 20      | 20      | 20      | 21      | 20      | 20      | 19      | 20      | 20      | 20       |
|                   | SE       | SE       | SE      | SE      | SE      | SE      | SE      | SE      | SE      | SSE     | SSE     | SSE      | SSE      | S        | S       | S       | S       | S       | S       | SSE     | SSE     | SSE     | SSE     | SSE      |
| 11/12             | 13       | 13       | 14      | 14      | 14      | 14      | 13      | 13      | 13      | 13      | 13      | 13       | 13       | 13       | 13      | 13      | 13      | 13      | 12      | 12      | 12      | 12      | 12      | 12       |
|                   | 20       | 21       | 21      | 21      | 21      | 21      | 21      | 20      | 19      | 19      | 19      | 19       | 19       | 19       | 19      | 19      | 19      | 19      | 19      | 19      | 19      | 19      | 19      | 19       |
|                   | SE       | SE       | SE      | SE      | SE      | SE      | SE      | SE      | SE      | SSE     | SSE     | SSE      | SSE      | S        | S       | S       | S       | S       | S       | SSE     | SSE     | SSE     | SSE     | SSE      |
| 1 & 2 Bravo       | 15       | 15       | 17      | 17      | 17      | 17      | 16      | 15      | 15      | 15      | 14      | 14       | 13       | 13       | 13      | 13      | 13      | 13      | 14      | 13      | 13      | 14      | 14      | 14       |
|                   | 21       | 21       | 22      | 23      | 23      | 23      | 23      | 22      | 21      | 21      | 21      | 19       | 20       | 19       | 20      | 19      | 19      | 19      | 19      | 20      | 19      | 19      | 20      | 20       |
|                   | SE       | SE       | SE      | SE      | SE      | SE      | SE      | SE      | SE      | SSE     | SSE     | SSE      | SSE      | S        | S       | S       | S       | S       | SSE     | SSE     | SSE     | SSE     | SSE     | SSE      |

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

# Houston Pilots: Thu. 5/23/2024



## Forecast Discussion

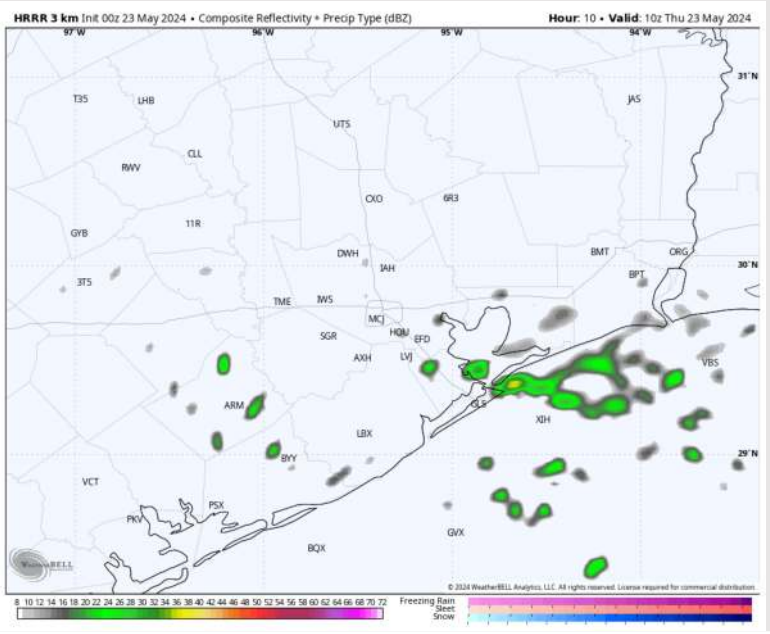
**Precip:** Favoring dry conditions outside of scattered pockets of light rain/drizzle through 8AM tomorrow morning.

**Wind:** Winds out of the SE throughout the day today. **N of Morgan's Point:** Winds at 5-10 kts through 9 AM before increasing to 12-17 kts throughout the rest of the day. **S of Morgan's Point:** Winds at 19-24 kts throughout the AM hours today before decreasing to 13-18 kts during the PM. **Wind gusts of 25-30 kts possible through 2 PM CT.**

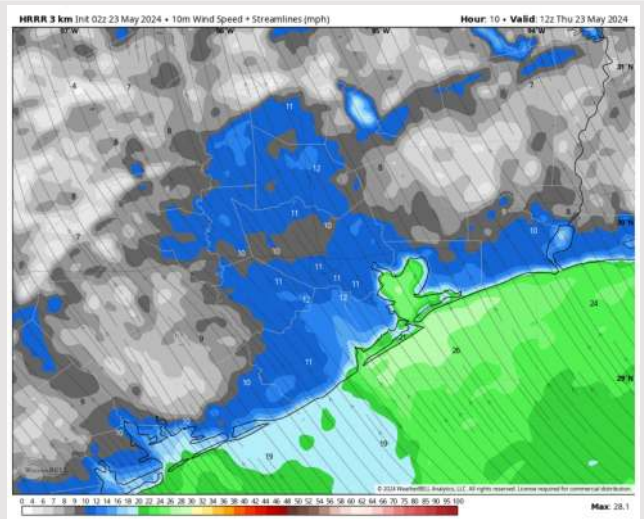
**High Temps:** **N of Morgan's Point:** Low 90s F. **S of Morgan's Point:** Low/Mid 80s F.

**Visibility:** Not anticipating fog for today.

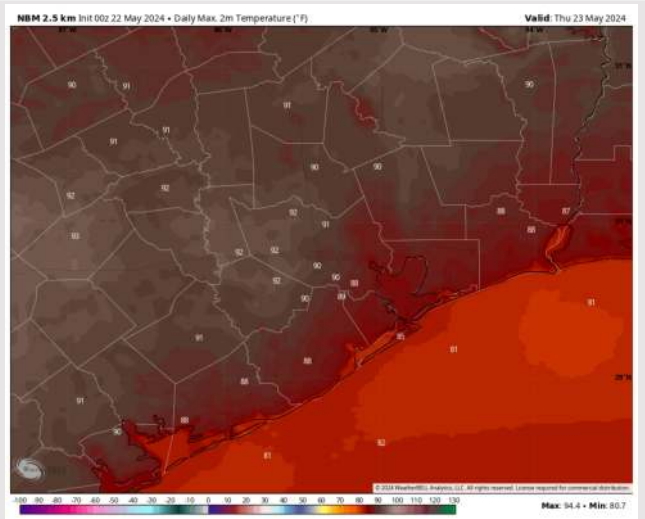
## Precip Image: 5 AM CT



Wind Speed  
7 AM CT



High Temps  
Today



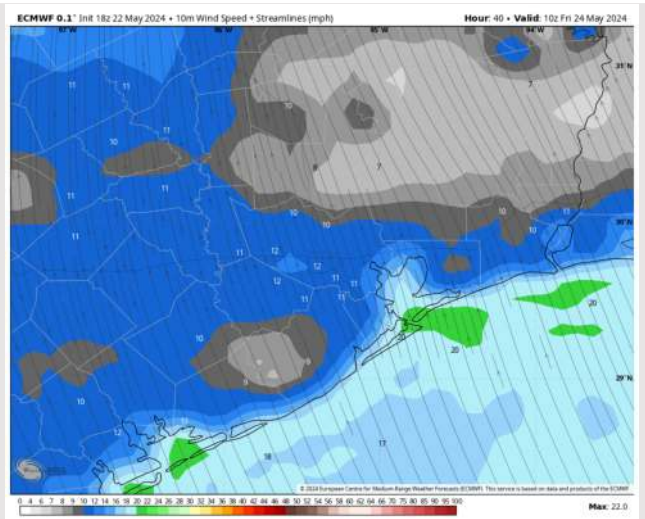
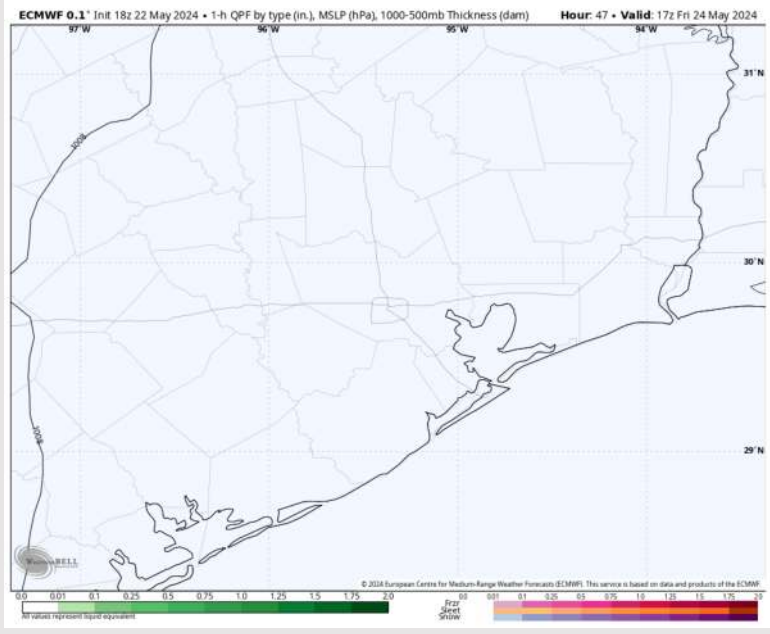
# Houston Pilots: Fri. 5/24/2024



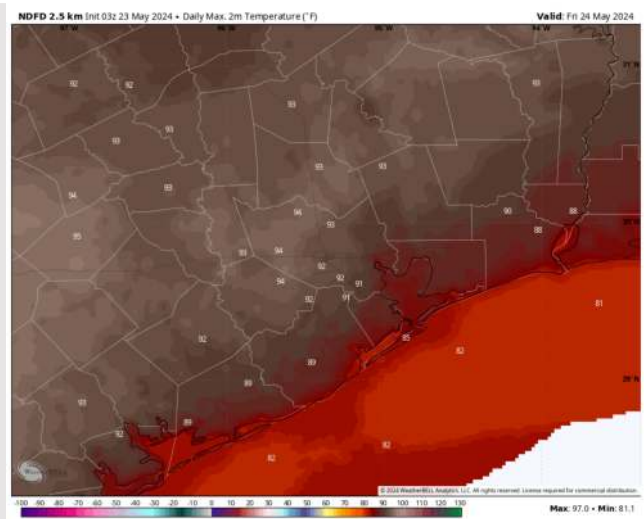
## Forecast Discussion

- Precip:** Favoring dry conditions for FRI.
- Wind:** Winds will remain out of the SE for Friday. **N of Morgan's Point:** Winds at 9 - 14 kts throughout the day. **S of Morgan's Point:** Winds at 15 - 20 kts through aside for a brief break in winds from 3 - 7 PM with winds of 10 - 15 kts. **Wind gusts of 20-25 kts possible through 6 PM at all stations.**
- High Temps:** **N of Morgan's Point:** Low 90s F. **S of Morgan's Point:** Low/Mid 80s F.
- Visibility:** Not anticipating any visibility concerns for FRI.

## Precip Image: 12 PM CT



Wind Speed:  
5 AM CT



High Temps  
Friday

# Houston Pilots: Sat. 5/25/2024



## Forecast Discussion

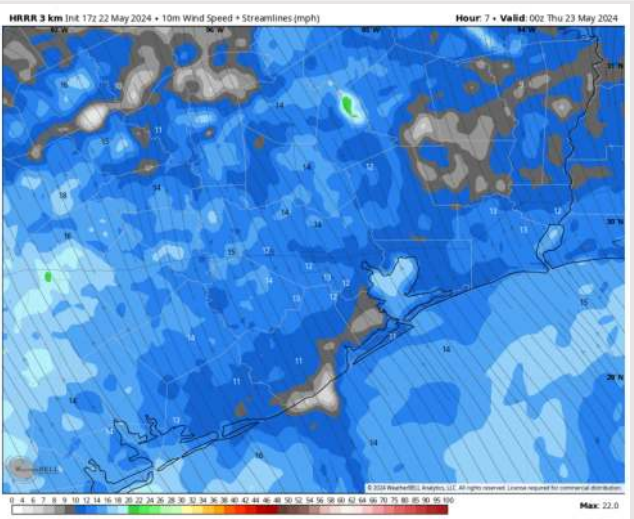
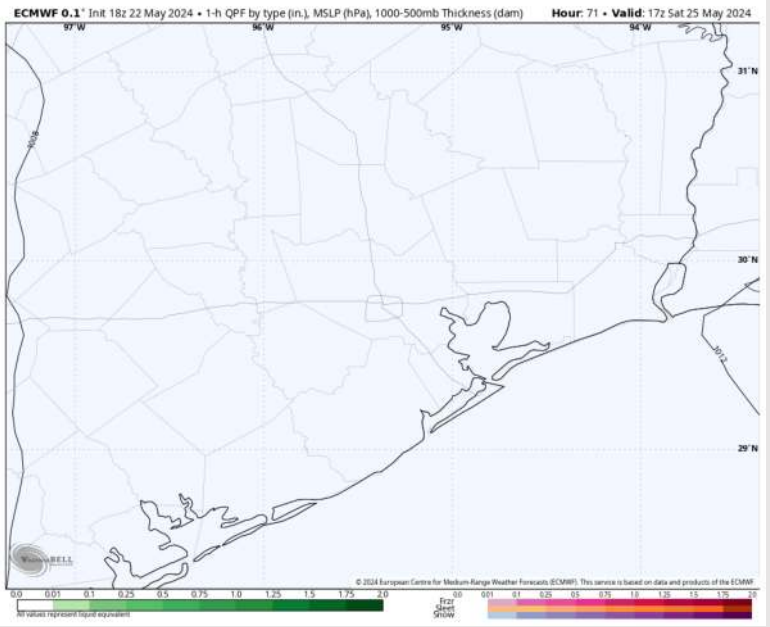
**Precip:** Favoring dry conditions throughout the day on Saturday.

**Wind:** Winds will be out of S/SE through the day on Saturday. **N of Morgan's Point:** Winds will be 2 – 7 kts through 10AM when then winds will pick up to 9-14 kts throughout the rest of the Saturday. **S of Morgan's Point:** Winds will be at 14 – 19 kts throughout the day, aside from a window of 7 -12 kts winds from 8AM – 3 PM. **Wind gusts of 20-25 kts possible for all stations throughout the day.**

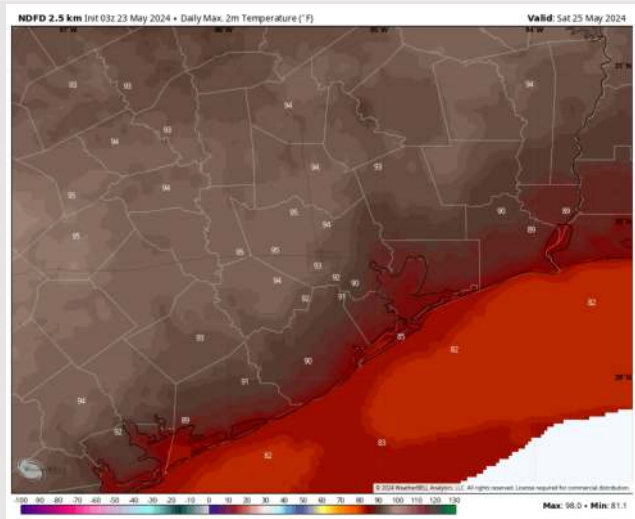
**High Temps:** **N of Morgan's Point:** Mid 90s F **S of Morgan's Point:** Low/Mid 80s F.

**Visibility:** No visibility concerns for Saturday

## Precip Image: 12 PM CT



Wind Speed:  
7 PM CT

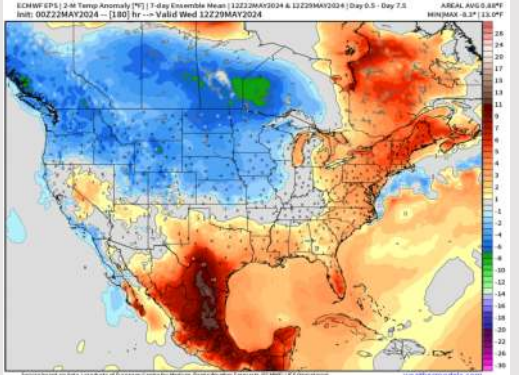


High Temps  
Saturday

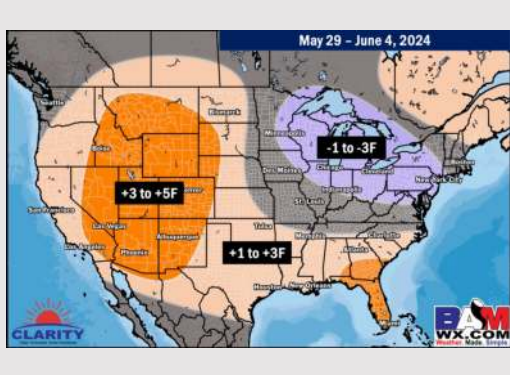
# Houston Pilots: 5/23/24



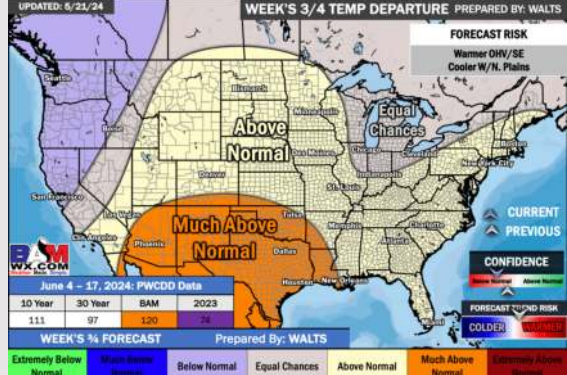
**Next 7 Day Temperature Departure**



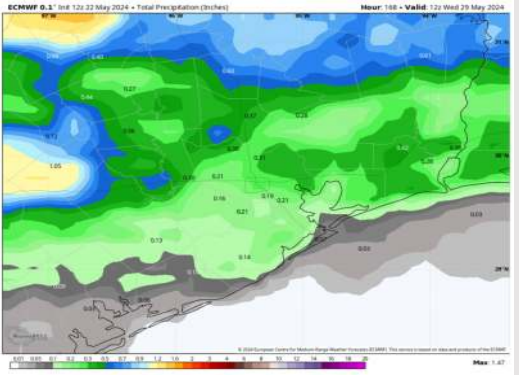
**8-14 Day Temperature Departure**



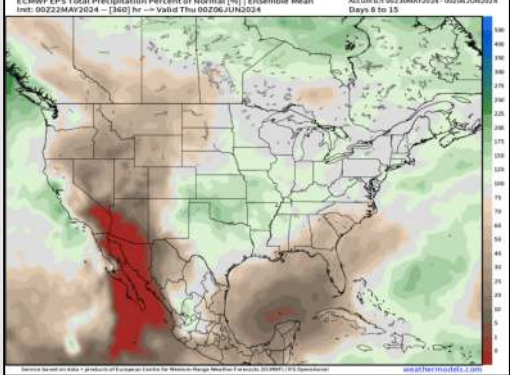
**15-30 Day Temperature Departure**



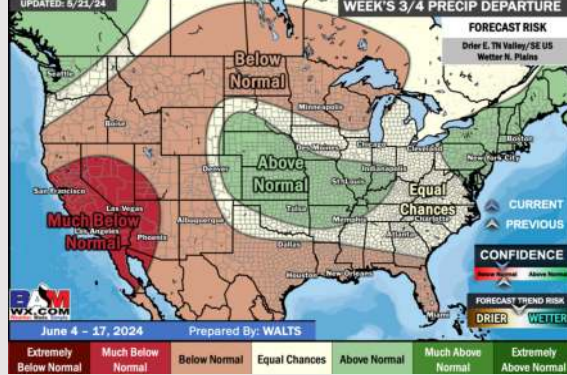
**Next 7 Day Total Precipitation**



**8-14 Day % of Average Precip.**



**15-30 Day % of Average Precip.**



- Favoring a dry weekend with the next best rain chances to return Monday. Temps are expected to be above normal for the week 1 timeframe.
- Near normal precipitation chances are at play during the week 2 timeframe. Temps are expected to be slightly above normal.
- Below normal chances for precipitation are favored in the weeks 3/4 timeframe. Temperatures expected to be much above normal for the weeks 3 and 4 timeframe.