

# Houston Pilots Forecast Package



Updated: 3:00 PM CT  
Tuesday, April 9, 2024

Forecaster: Alyssa Elliott

## Weather Headlines

- **Severe weather is possible tomorrow for all stations.** Then conditions look to dry up for Thu.
- Watching for potential patchy fog development within the Gulf out ahead of storms. See visibility slide.
- Elevated winds can be expected Wednesday and may continue through Thursday morning.



**Current Radar: 2:45 PM CT**

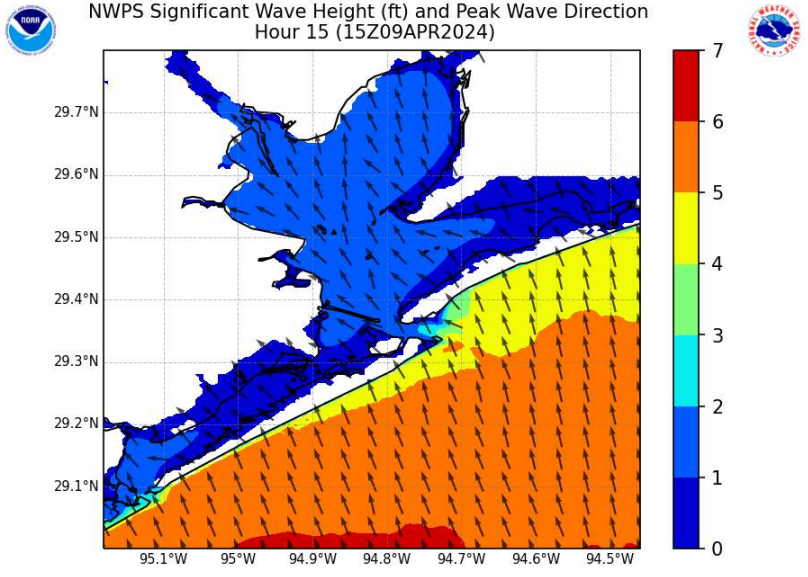


As always, please do not hesitate to reach out to us with any forecast questions via the chat option on Clarity or our on-call number, **(317)-560-8122** press 1 for forecast questions.

# Houston Pilots Wave Height Update

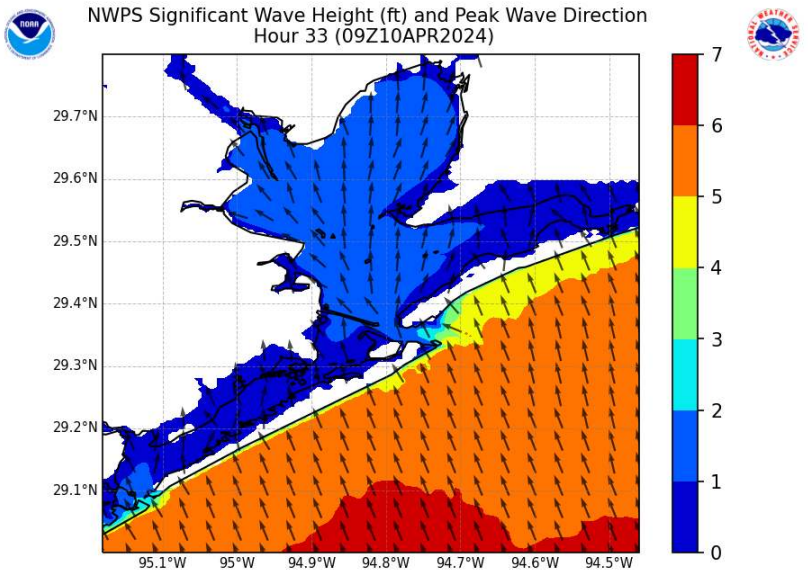


## Significant Wave Height Image



10 AM CT TUE

Waves remain choppy this morning due to some elevated winds out of the SSE. Wave heights at and S of stations 11/12 at 4 – 5 ft this AM. **By 7 PM CT, wave heights of 5 – 6 ft will creep N, primarily impacting the Boarding Station.**



4 AM CT WED

**From 7 PM TUE through 7 AM WED, wave heights at the Boarding Station will sit in the 5 – 6 ft range.** After 7 AM, waves heights will slightly decrease to 4 – 5 ft. It won't be until 10 PM CT WED that wave heights drop to 3 – 4 ft at the Boarding Station.

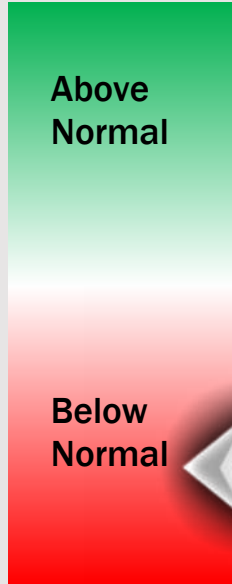
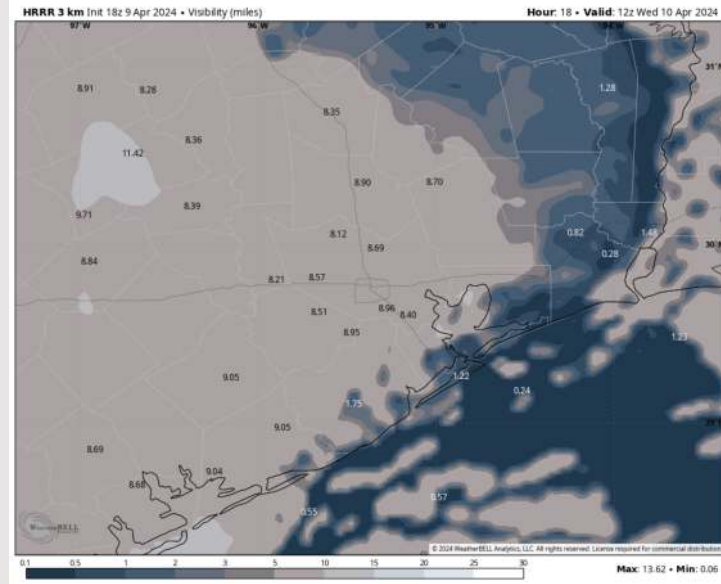
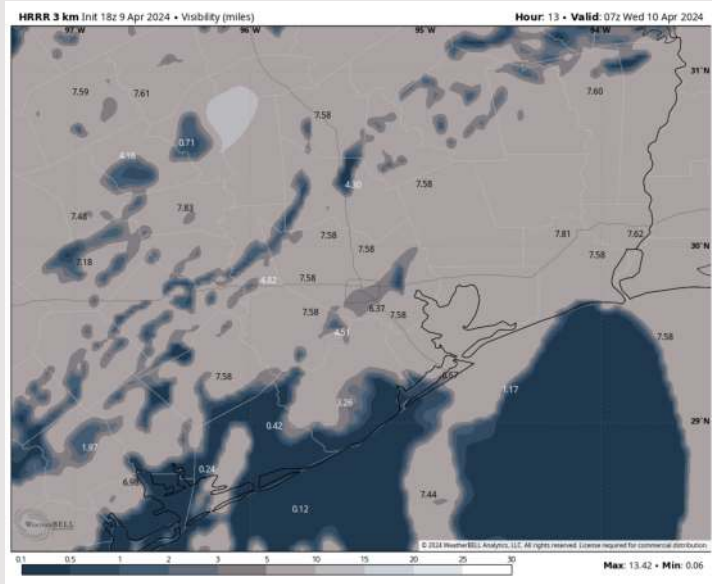
Looking at 10 PM THU for waves heights to drop to 1 – 2 ft at the Boarding Station.

# Houston Pilots Visibility Report



## 2 AM CT WED VISIBILITY      7 AM CT WED VISIBILITY

## Confidence



TIMEFRAME DISCUSSED	THREAT
4 AM WED – 10 AM WED	LOW - MED

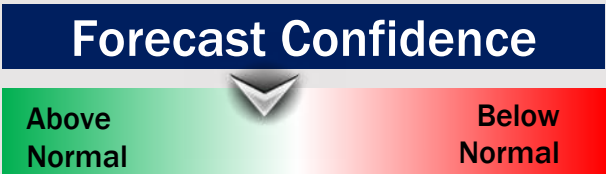
- **Low confidence exists as not all models are in agreement for a fog risk Wednesday morning, however it is enough of a risk to mention in this report.** Visibility would be reduced to 1 – 2 miles from heavy downpours and possible less than 1 where fog can develop.
- Patchy / patchy dense fog may develop out ahead of the front / storm system pushing through the HOU / GALV Bay region early Wednesday morning.
- If this fog can develop, anticipating it sets up over the Gulf as early as 4 AM, impacting stations primarily south of stations S of Morgan’s Point with the Boarding Station seeing the best chance. Fog would exit around 10 AM.

# Houston Pilots Extended Range Visibility Report



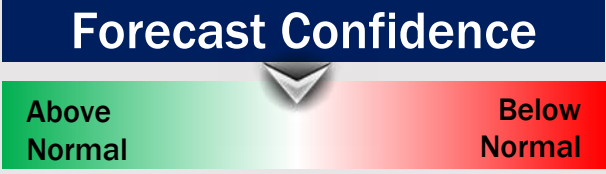
## Friday 4/12/24

Fog not favored for FRI.



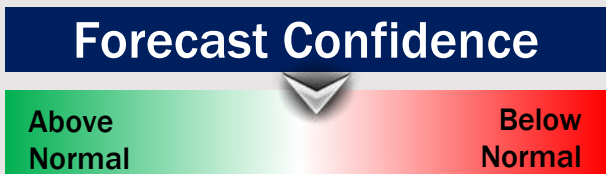
## Saturday 4/13/24

Fog not favored for SAT.



## Sunday 4/14/24

Fog not favored for SUN.



## Chance for Fog

Friday AM	Unlikely
Friday PM	Unlikely
Saturday AM	Unlikely
Saturday PM	Unlikely
Sunday AM	Unlikely
Sunday PM	Unlikely

# Houston Pilots Visibility Chart (miles)



## Forecast Confidence



Time	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	Wed 2pm
610 Bridge	5	5	4	4	3	3	4	4	4	4	4	4	3	3	3	3	2	2	2	3	3	4	5	5
Kinder 1	5	5	4	4	3	4	4	4	4	4	4	4	3	4	4	3	2	2	2	3	3	4	5	5
Greens Bayou	5	5	5	4	3	4	4	4	4	4	4	4	4	4	4	3	2	2	2	3	3	4	5	5
Shell Crude	5	5	5	4	3	4	4	4	4	4	4	4	4	4	4	4	2	2	2	3	3	4	5	5
Lynchburg Ferries	5	5	5	4	3	4	4	4	4	3	4	4	4	4	4	4	2	2	2	3	3	4	5	5
Exxon 3	5	5	5	4	3	4	4	3	3	3	4	4	4	4	4	4	2	2	2	3	3	4	5	5
Morgans Point	5	5	5	4	3	4	4	3	3	3	4	4	4	4	4	4	3	2	2	3	3	4	5	5
75/76	5	5	4	4	3	3	4	3	3	3	3	4	3	3	4	0.2	0.2	0.2	0.5	0.2	1	1	7	8
63/64	5	4	4	4	3	3	4	3	3	3	3	4	3	3	4	0.2	0.2	0.2	0.5	0.2	0.5	1	6	8
51/52	5	4	4	4	3	3	4	3	3	3	2	3	3	3	4	0.2	0.2	0.2	0.5	0.2	0.2	0.3	6	9
37/38	5	4	4	4	3	3	4	3	3	3	2	3	3	3	3	0.2	0.2	0.2	0.5	0.2	0.2	0.3	5	9
25/26	5	4	4	4	3	3	4	3	3	3	2	3	1	0.8	3	0.2	0.2	0.2	0.2	0.2	0.2	0.1	4	9
11/12	5	4	4	3	3	3	4	3	3	3	2	2	1	0.8	3	0.2	0.2	0.2	0.2	0.2	0.2	0.1	1	9
1 & 2 Bravo	4	3	3	3	3	3	4	4	3	3	2	0.8	1	0.5	2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	7

**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



Sustained wind 13 Knots  
Gusts 18 Knots  
Wind from the N

## Example

WS: 13  
G:18  
N

Time Knots	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	Wed 2pm
610 Bridge	14 29 S	13 27 S	13 25 S	11 23 SSE	11 21 SSE	10 20 SSE	9 20 SSE	10 21 SSE	9 19 SSE	9 18 SSE	9 18 SSE	9 18 SSE	10 21 SSE	9 19 S	8 16 S	7 14 SSW	8 16 WSW	9 17 W	9 19 W	11 21 W	12 24 W	13 27 W	15 30 W	
Kinder 1	14 28 S	13 27 S	13 25 S	11 23 SSE	11 21 SSE	10 20 SSE	9 20 SSE	10 21 SSE	9 19 SSE	9 20 SSE	9 18 SSE	9 18 SSE	10 21 SSE	9 19 S	7 15 S	7 14 SSW	8 16 WSW	9 17 W	9 19 W	11 21 W	12 24 W	13 26 W	15 30 W	
Greens Bayou	13 27 S	13 26 SSE	12 25 SSE	11 22 SSE	10 20 SSE	9 20 SSE	9 19 SSE	10 20 SSE	9 20 SSE	9 19 SSE	9 18 SSE	9 18 SSE	10 21 SSE	10 21 S	7 15 S	7 13 SSW	8 15 WSW	9 17 W	9 18 W	10 21 W	11 23 W	13 25 W	14 29 W	
Shell Crude	13 26 SSE	13 25 SSE	12 24 SSE	11 22 SSE	10 20 SSE	9 20 SSE	9 19 SSE	9 20 SSE	9 20 SSE	9 19 SSE	9 19 SSE	9 19 SSE	11 21 SSE	10 21 S	7 15 S	7 14 SSW	8 16 SW	9 17 SW	9 19 W	10 21 W	11 23 W	12 24 W	14 28 W	
Lynchburg Ferries	13 26 SSE	12 24 SSE	11 23 SSE	11 21 SSE	9 19 SSE	9 19 SSE	9 19 SSE	9 20 SSE	9 19 SSE	9 19 SSE	9 18 SSE	9 19 SSE	11 20 SSE	10 21 S	7 15 S	7 13 SSW	7 15 SW	9 17 SW	9 18 W	11 20 W	12 22 W	13 24 W	13 27 W	
Exxon 3	13 25 SSE	13 24 SSE	13 23 SSE	13 21 SSE	13 20 SSE	12 20 SSE	12 20 SSE	13 21 SSE	12 21 SSE	12 21 SSE	11 19 SSE	11 20 SSE	12 21 SSE	13 21 S	11 16 S	10 15 S	9 15 SSW	9 16 SW	11 18 WSW	11 19 W	13 22 W	13 23 W	13 26 W	
Morgans Point	13 25 SSE	13 23 SSE	13 22 SSE	12 21 SSE	12 19 SSE	11 20 SSE	13 20 SSE	13 21 SSE	12 21 SSE	13 21 SSE	12 19 SSE	12 19 SSE	13 20 SSE	12 21 S	10 17 S	9 15 SSW	9 17 SW	10 18 WSW	11 20 W	11 20 W	12 22 W	13 23 W	14 26 W	
75/76	14 25 SSE	14 25 SSE	15 25 SSE	15 23 SSE	15 22 SSE	15 22 SSE	16 23 SSE	17 24 SSE	17 25 SSE	16 23 SSE	16 23 SSE	16 23 SSE	17 25 SSE	17 24 S	15 22 S	14 21 S	14 20 S	14 21 SW	14 21 WSW	14 21 W	14 21 W	15 24 W	15 29 W	
63/64	13 25 SSE	13 23 SSE	13 23 SSE	15 22 SSE	15 21 SSE	14 21 SSE	15 21 SSE	15 22 SSE	17 24 SSE	16 23 SSE	15 22 SSE	15 22 SSE	17 24 SSE	16 23 S	17 25 S	15 21 S	14 20 S	13 20 S	15 21 SW	14 21 WSW	15 22 W	15 24 W	17 29 W	
51/52	13 25 SSE	13 23 SSE	13 22 SSE	13 21 SSE	14 20 SSE	13 19 SSE	14 20 SSE	15 21 SSE	15 22 SSE	15 21 SSE	14 22 SSE	15 22 SSE	15 23 SSE	16 24 SSE	17 24 S	14 21 S	14 21 S	14 21 S	15 23 SW	15 23 SW	15 23 WSW	15 25 W	16 27 W	
37/38	13 25 SSE	12 23 SSE	13 22 SSE	13 21 SSE	14 20 SSE	13 19 SSE	13 19 SSE	14 21 SSE	15 21 SSE	14 21 SSE	14 21 SSE	15 21 SSE	15 21 SSE	15 22 SSE	15 22 S	15 21 S	14 21 S	14 21 S	14 23 SW	14 23 SW	14 25 WSW	15 25 W	17 27 W	
25/26	13 25 SSE	12 23 SSE	13 22 SSE	13 20 SSE	13 19 SSE	12 18 SSE	13 19 SSE	13 21 SSE	14 21 SSE	13 21 SSE	13 19 SSE	14 20 SSE	14 21 SSE	13 20 SSE	14 22 S	14 21 S	14 21 S	13 21 S	13 21 S	13 22 SW	13 22 SW	15 24 WSW	16 24 W	16 26 W
11/12	13 23 SSE	12 20 SSE	13 20 SSE	13 19 SSE	12 18 SSE	11 17 SSE	11 18 SSE	12 20 SSE	13 20 SSE	12 20 SSE	11 18 SSE	13 19 SSE	12 20 SSE	13 21 SSE	13 20 SSE	13 21 SSE	13 21 SSE	13 21 SSE	13 21 SSE	13 22 SSW	15 23 SW	16 23 WSW	16 23 W	16 23 W
1 & 2 Bravo	13 22 SSE	13 21 SSE	14 21 SSE	14 21 SSE	13 19 SSE	13 20 SSE	14 21 SSE	14 21 SSE	15 21 SSE	15 21 SSE	14 20 SSE	14 21 SSE	15 21 SSE	15 21 SSE	15 22 SSE	15 22 S	15 25 S	15 25 S	15 25 S	15 24 SSW	15 22 SW	16 24 SW	17 24 WSW	16 23 W

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## Forecast Discussion

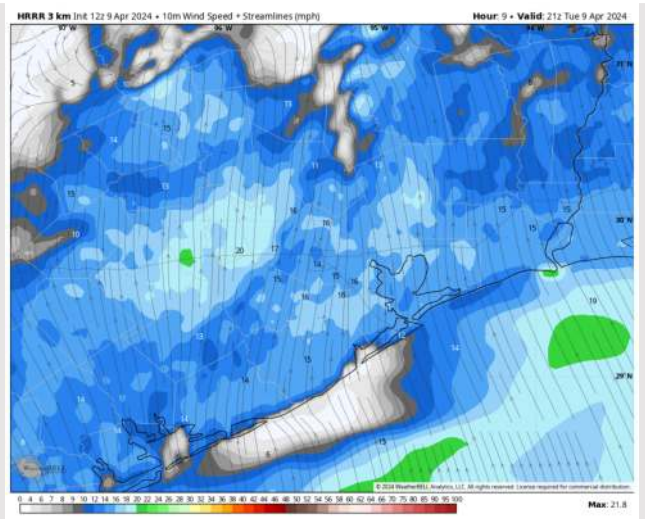
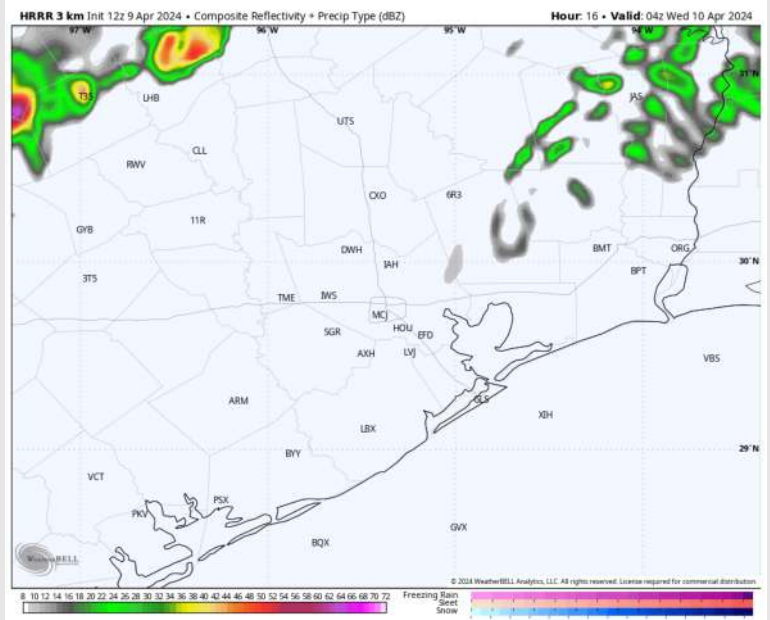
**Precip:** Anticipating showers and storms remain N of all stations throughout the PM. Greatest risk for a light pocket of showers to push through (10%) would be between 6 – 8 PM CT.

**Wind:** Winds will be out of the SSE throughout the PM. **N Morgan's Point:** Winds at 13 – 18 kts through 8 PM CT, then winds will slightly decrease. To 8 – 13 kts for the rest of the evening. **S of Morgan's Point:** Winds at 14 – 19 kts for the rest of the PM. **Wind gusts 28 kts cannot be ruled out throughout the PM, especially N of Morgan's Point.**

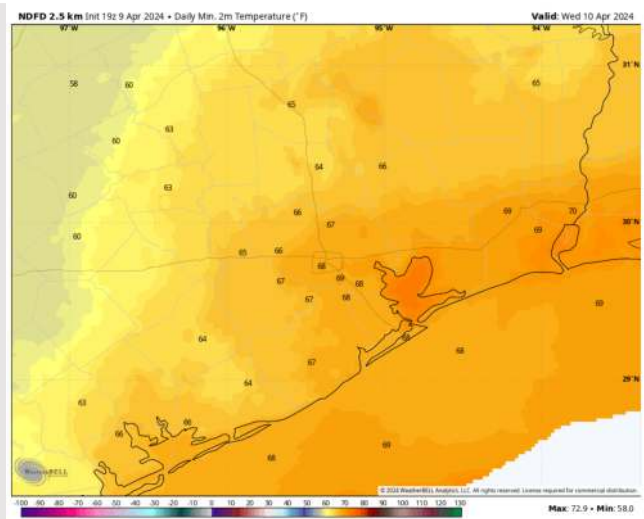
**Low Temps:** **N of Morgan's Point:** Upper 60s F. **S of Morgan's Point:** Near 70 F.

**Visibility:** No visibility concerns for this evening. Hazy conditions, some patchy fog may develop within the Gulf early Wed AM.

## Precip Image: 11 PM CT



Wind Speed:  
4 PM CT



Low Temps  
WED AM

# Houston Pilots: Wed. 4/10/2024



## Forecast Discussion

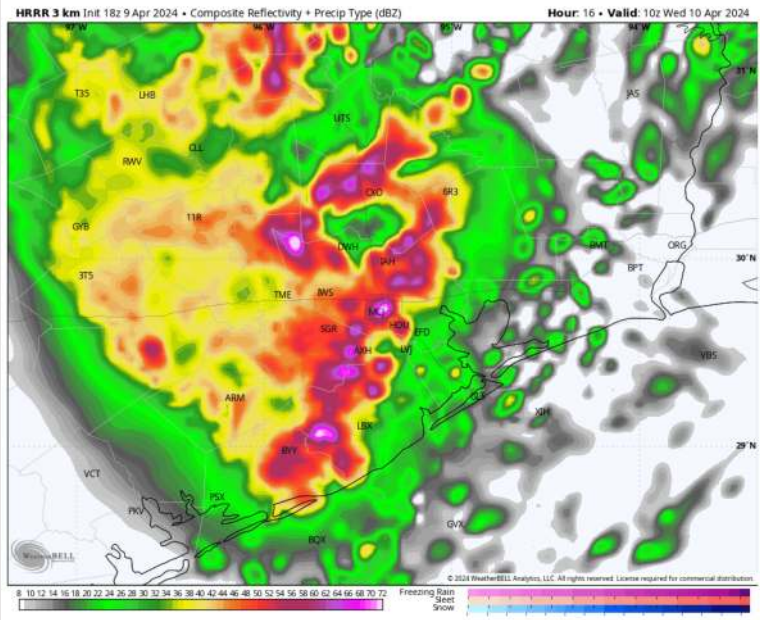
**Precip:** Scattered showers and storms will move in around 1AM Wednesday. Scattered storms will then move in as early as 3-4 AM, however the **best risk for strong to severe storms will move in from ~5 – 9 AM CT.** Hail, lightning, wind gusts of 45 - 55 kts possible with these storms. Need to watch for an iso tornado risk and hail. Favoring conditions to dry out after 10AM-CT, remaining dry until a few iso showers move through around 8 PM.

**Wind:** Winds will be out of the SE to begin before gradually veering clockwise throughout the day. Winds will be out of the SW ~5 AM CT, the W ~9 AM CT, and eventually settling out of the NW by ~12 PM CT. **N of Morgan's Point:** Winds at 9-14 kts through 12 PM before increasing to 14-19 kts the rest of the day **S of Morgan's Point:** Winds at 19-24 kts through 9 AM before decreasing to 12-17 kts. Winds increase again to 18-23 kts after 6 PM. **Wind gusts of 22-27 kts through 5 PM at all stations with increased gusts of 30-35 kts after 5 PM S of Morgan's Point.**

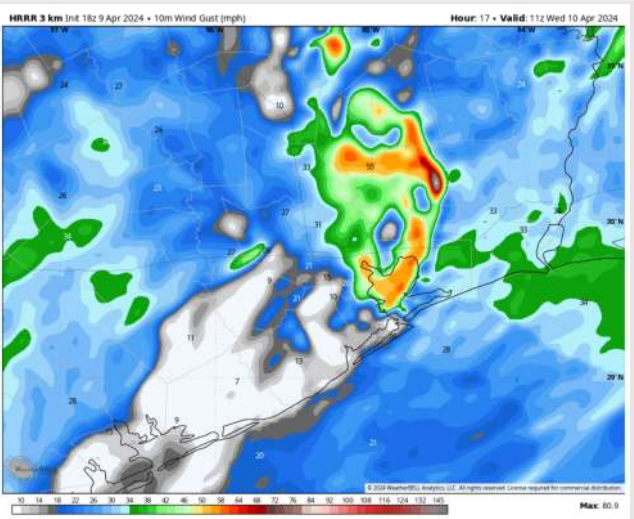
**High Temps:** **N of Morgan's Point:** Upper 70s F **S of Morgan's Point:** Mid 70s F

**Visibility:** Heavy storms may produce decreased visibility across all stations. Ahead of the front, some patchy / patchy dense fog may develop within the Gulf. See vis slide.

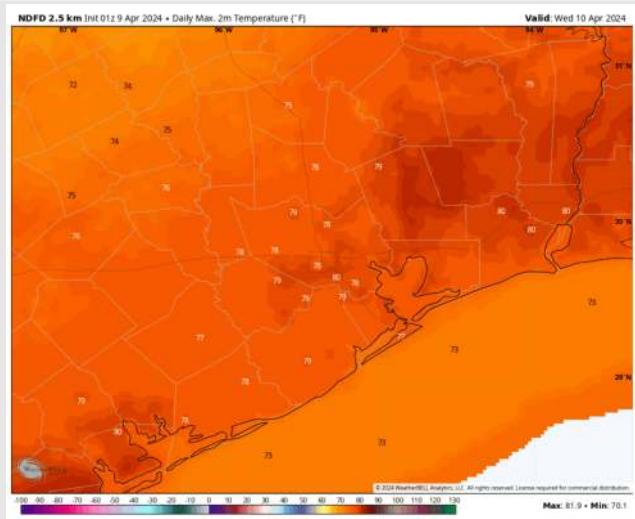
## Precip Image: 5 AM CT



Wind Gusts:  
6 AM CT



High Temps  
Wednesday





# Houston Pilots: Thurs. 4/11/2024



## Forecast Discussion

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

**Wind:** Favoring wind to be out of the SW throughout the day Thursday.

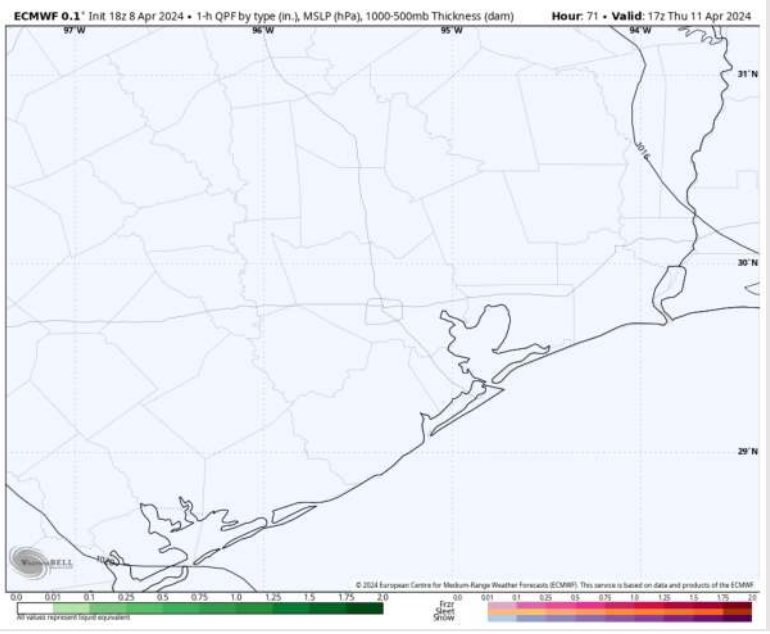
**N of Morgan's Point:** Winds will decrease from 14-19 kts down to 8-13 kts by 8AM and remain there for the rest of the day.

**S of Morgan's Point:** Winds decrease from 23-28 kts to 12-17 kts by 11AM and remain there for the rest of the evening. **Before 6AM wind gusts of 30-35 kts will be possible S of stations 11/12.**

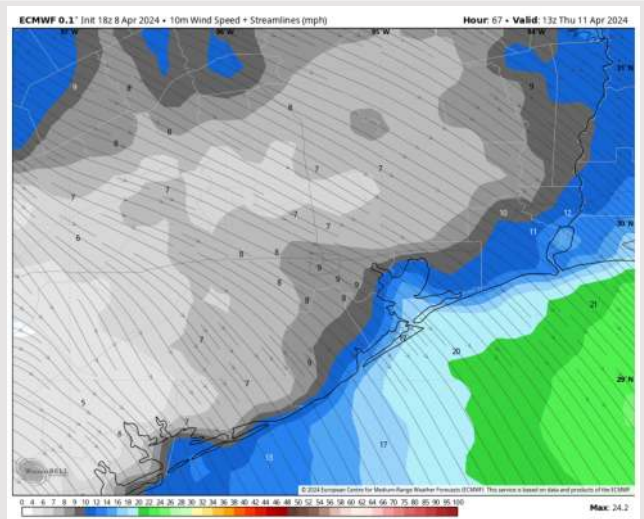
**High Temps:** **N of Morgan's Point:** Upper 70s **S of Morgan's Point:** low/Mid 70s F

**Visibility:** Not favoring any fog risks for Thursday.

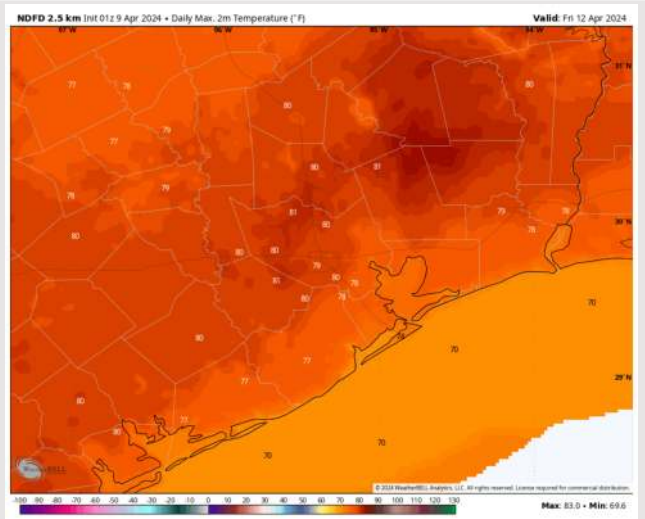
## Precip Image: 12 PM CT



Wind Speed  
8 AM CT

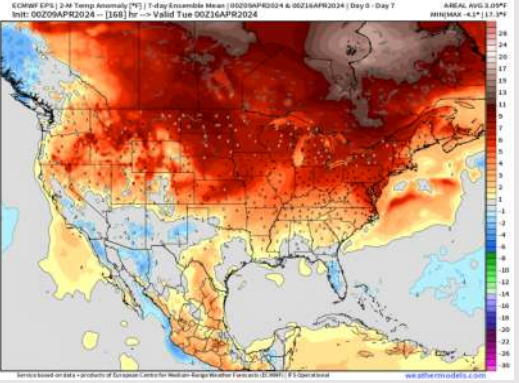


High Temps  
Thursday

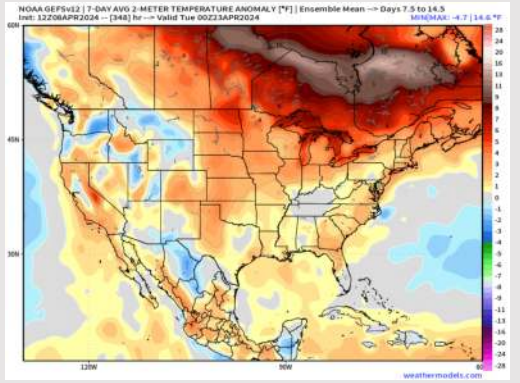


# Houston Pilots: 4/9/24

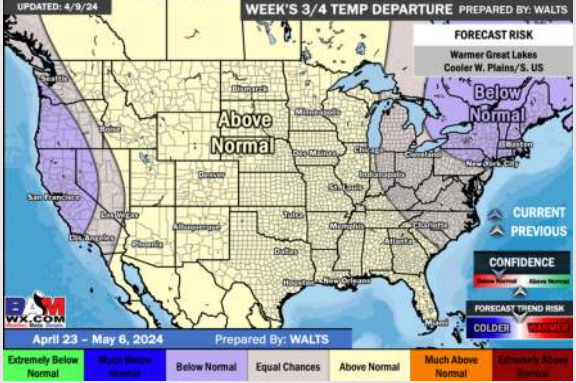
**Next 7 Day Temperature Departure**



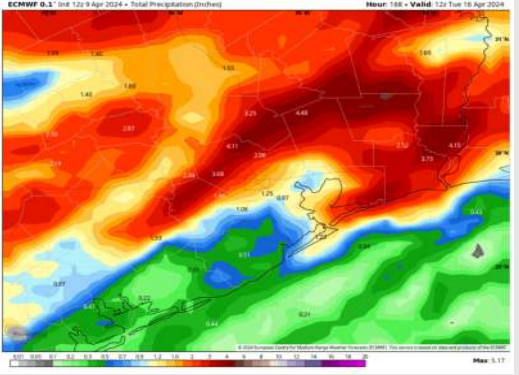
**8-14 Day Temperature Departure**



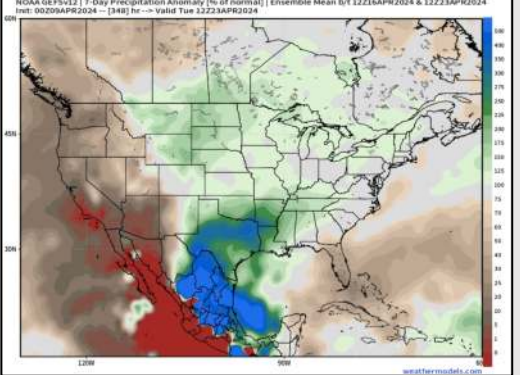
**15-30 Day Temperature Departure**



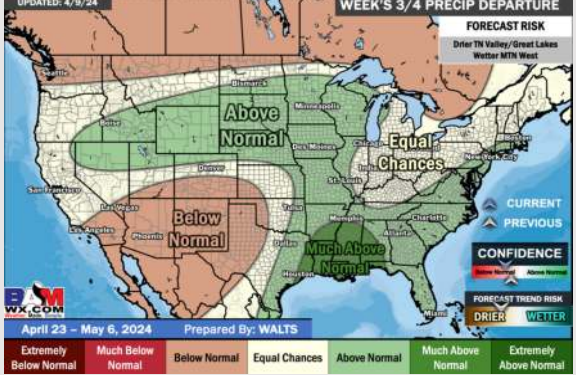
**Next 7 Day Total Precipitation**



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



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



- A more active pattern continues through tomorrow bringing heavier rain potential. Temps are expected to be near normal for the week 1 timeframe.
- Much above normal precipitation chances are at play during the week 2 timeframe. Temps are expected to be slightly above normal.
- Much above normal chances for precipitation are favored in the weeks 3/4 timeframe. Temperatures expected to be above normal.