

# Houston Pilots Forecast Package

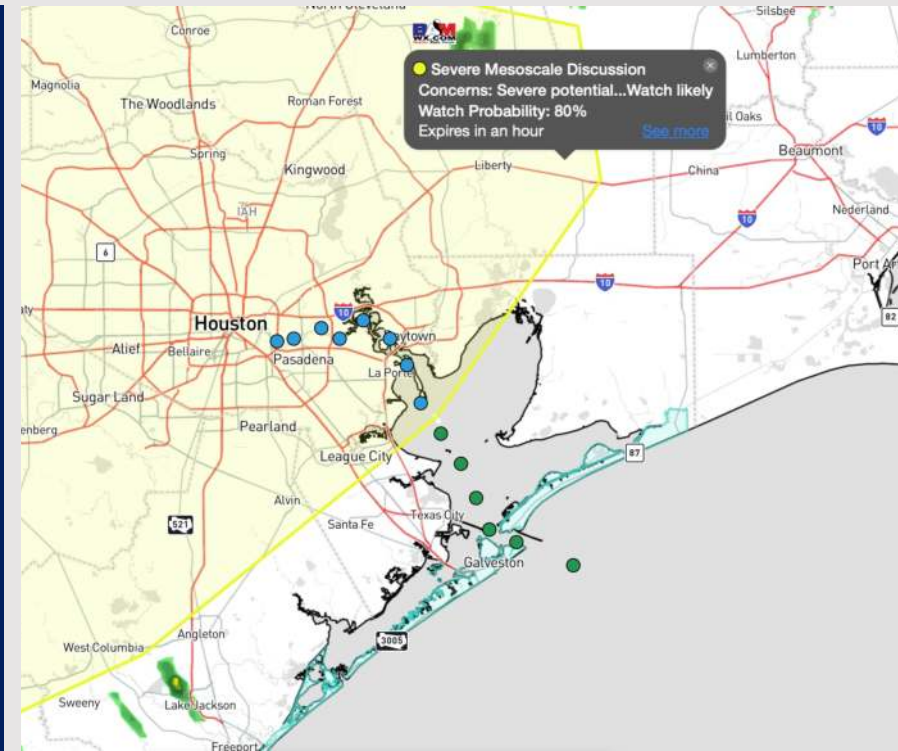


Updated: 1:30 PM CT  
Friday, March 15, 2024

Forecaster: Alyssa Elliott

## Weather Headlines

- Some stronger storms are favored for the evening with rain chances continuing off and on through the weekend.
- Winds will remain generally mild with non storm related gusts reaching up to 25 kts at times. Storm related gusts may reach near 60 kts this evening.
- Patchy Fog risks favored along the Coastline and at the Boarding Station this afternoon and Saturday. **See visibility slide below for more information.**



Current Radar: 1:30 PM CT

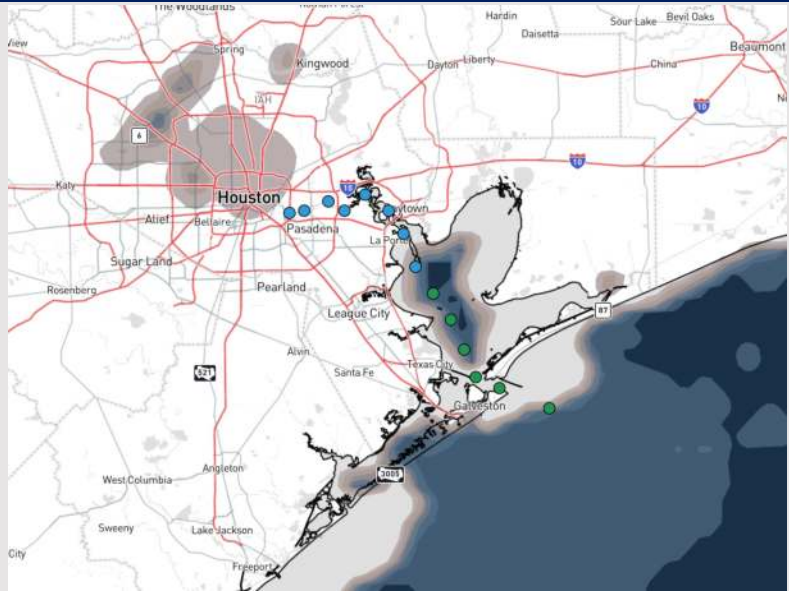


As always, please do not hesitate to reach out to us with any forecast questions via the chat option on Clarity or our on-call number, **(317)-560-8122** press 1 for forecast questions.

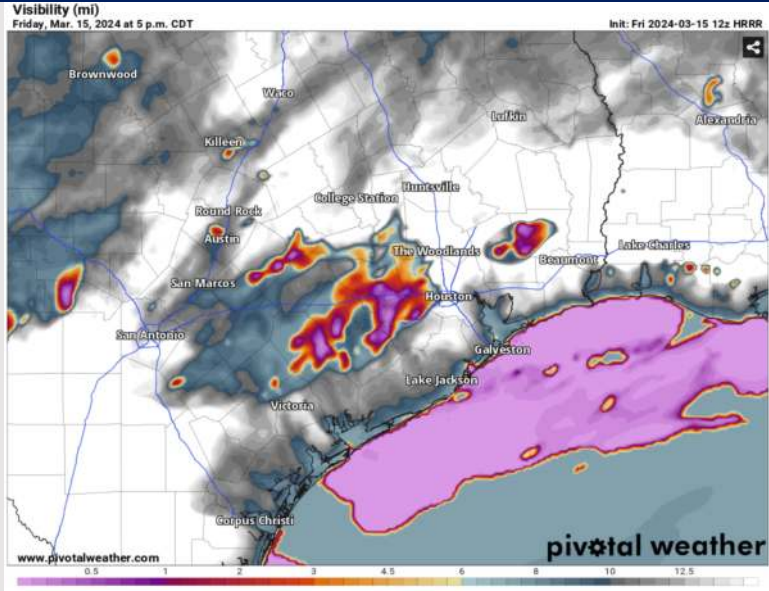
# Houston Pilots Visibility Report



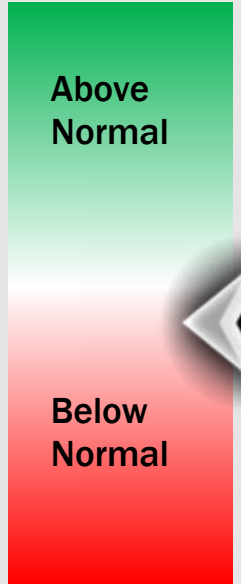
## Current Visibility as of 1:30 PM CDT



## 5 PM CDT FRI VISIBILITY



## Confidence



TIMEFRAME DISCUSSED	THREAT
NOW – 4 AM SAT	MED

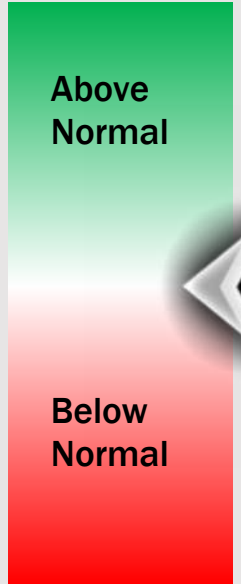
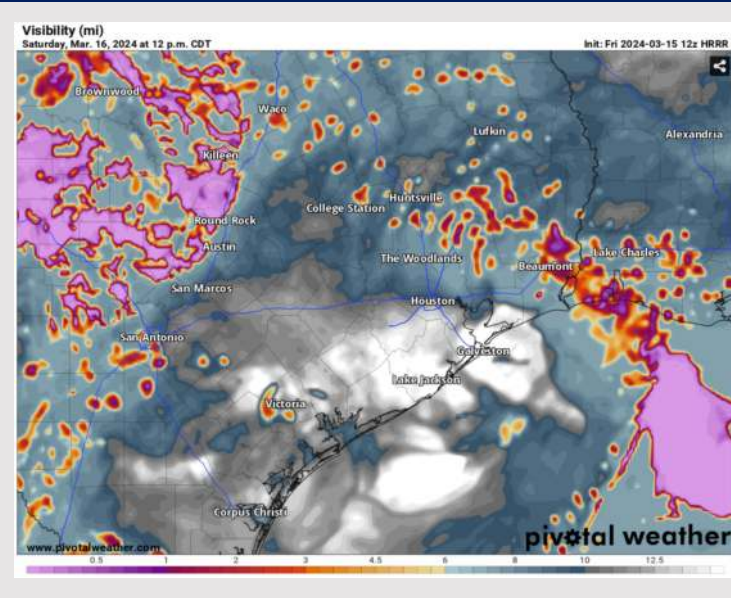
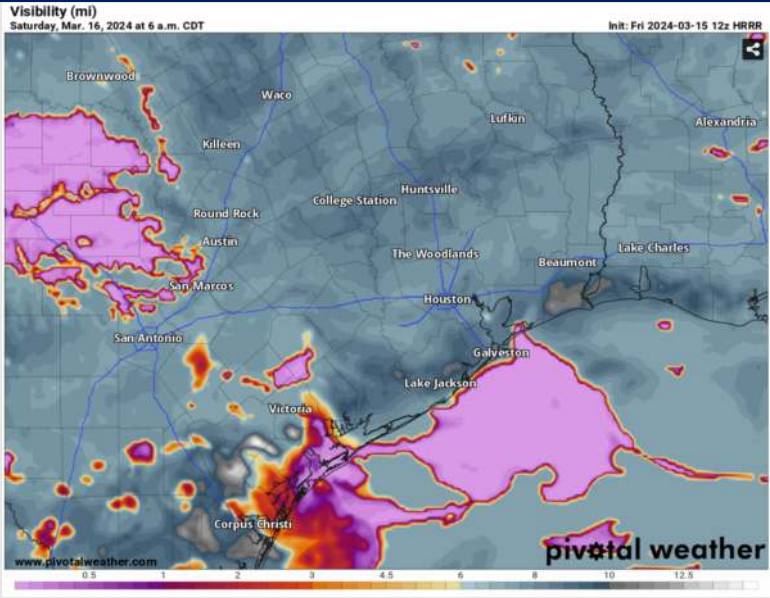
- Patchy to widespread fog has receded S. leaving improved visibility of 4 – 6 miles N of Stations 37/38 and visibility of 1 – 2 miles from station 37/38 through the Boarding Station with frequent instances of visibility dropping to less than 1 mile. (this will continue to be a risk if rain chances can remain N of station 37/38) This risk is favored to last through 9 PM.
- Beyond 9 PM, there is lower confidence due to wind direction, however winds shift primarily out of the E but will calm, possibly allowing a brief break in fog before we see redevelopment after 4 AM, pushing N into Morgan's Point, bringing a risk for visibility reduced to less than 1 mile for stations S of Morgan's Point and to 1 – 2 miles for stations N of Morgan's Point. This risk then lasting through Saturday morning.
- Regardless, there is a risk patchy to widespread dense fog will linger along the coastline and into the Gulf, reducing visibility to 0.5 – 1 mile for stations 11/12 and the Boarding Station.

# Houston Pilots Visibility Report



## 6 AM CT SAT VISIBILITY      10 PM CT WED VISIBILITY

## Confidence



TIMEFRAME DISCUSSED	THREAT
4 AM SAT - 12 PM SAT	MED

- Lower confidence for the Saturday AM fog risk. However it is possible the front moving through Friday will help to briefly clear up foggy conditions after 9 PM Friday with these cleared conditions continuing until ~4 AM.
- Around 4 AM, anticipating this fog to push back in from the South moving North into the Boarding Station and station 11/12 reducing visibility to less than 1 mile. Stations N of 11/12 not favored to see impacts outside of hazy conditions.
- Around 11 AM - 12 PM CT Saturday, another wave of precip moving in from the W/SW will help to push fog out of the area, clearing up visibility for all stations outside of hazy conditions at times caused by heavy downpours.

# Houston Pilots Extended Range Visibility Report



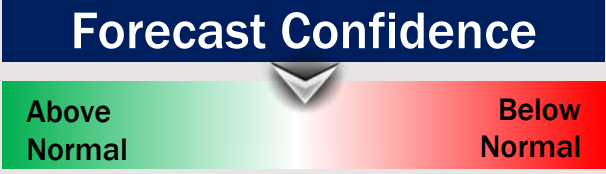
## Monday 3/18/24

Fog is not favored for MON.



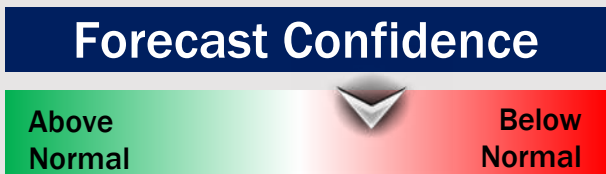
## Tuesday 3/19/24

Fog is not favored for TUE.



## Wednesday 3/20/24

Fog is not favored for WED.



## Chance for Fog

Monday AM	Unlikely
Monday PM	Unlikely
Tuesday AM	Unlikely
Tuesday PM	Unlikely
Wednesday AM	Unlikely
Wednesday PM	Unlikely

# Houston Pilots Visibility Chart (miles)



## Forecast Confidence



Time	Fri 1pm	Fri 2pm	Fri 3pm	Fri 4pm	Fri 5pm	Fri 6pm	Fri 7pm	Fri 8pm	Fri 9pm	Fri 10pm	Fri 11pm	Sat 12am	Sat 1am	Sat 2am	Sat 3am	Sat 4am	Sat 5am	Sat 6am	Sat 7am	Sat 8am	Sat 9am	Sat 10am	Sat 11am	Sat 12pm
610 Bridge	10	10	10	10	10	10	2	10	10	10	6	6	4	4	4	3	3	3	2	2	2	3	4	6
Kinder 1	10	10	10	10	10	10	2	10	10	10	8	6	5	4	4	4	3	3	2	2	2	3	5	6
Greens Bayou	10	10	10	10	10	10	2	10	10	10	8	6	5	4	4	4	3	3	2	2	2	3	5	8
Shell Crude	10	10	10	10	10	10	2	10	10	10	8	6	5	4	4	4	3	3	2	2	2	3	5	8
Lynchburg Ferries	10	10	10	10	10	10	2	10	10	10	8	6	5	4	4	4	3	3	2	2	2	3	5	8
Exxon 3	10	10	10	10	10	10	2	10	10	10	8	6	5	4	4	4	3	3	2	2	2	3	5	8
Morgans Point	10	10	10	10	10	10	9	10	10	10	8	6	5	4	4	4	3	3	2	2	2	3	5	8
75/76	10	10	10	10	10	10	10	10	9	10	6	5	4	4	3	2	8	8	8	8	7	8	9	9
63/64	10	10	7	10	10	10	6	10	9	9	6	5	4	4	3	2	8	7	8	8	6	8	9	9
51/52	9	7	6	4	9	9	3	8	6	6	6	4	4	3	3	4	8	7	7	7	4	5	8	9
37/38	7	6	5	4	9	9	2	8	6	6	5	4	4	3	3	4	8	6	6	6	2	5	7	9
25/26	6	6	5	4	7	5	2	3	6	6	5	4	4	3	3	2	6	5	4	4	1	4	7	9
11/12	5	4	4	1	6	3	1	3	5	6	5	4	3	3	3	1	4	2	0.7	0.7	0.2	4	7	8
1 & 2 Bravo	2	2	1	0.5	2	0.8	0.8	2	3	4	4	4	3	3	2	0.2	0.5	0.5	0.2	0.2	0.2	6	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



## Forecast Confidence



## Example

Sustained wind 13 Knots  
Gusts 18 Knots  
Wind from the N

WS: 13  
G:18  
N

Time Knots	Fri 1pm	Fri 2pm	Fri 3pm	Fri 4pm	Fri 5pm	Fri 6pm	Fri 7pm	Fri 8pm	Fri 9pm	Fri 10pm	Fri 11pm	Sat 12am	Sat 1am	Sat 2am	Sat 3am	Sat 4am	Sat 5am	Sat 6am	Sat 7am	Sat 8am	Sat 9am	Sat 10am	Sat 11am	Sat 12pm	
610 Bridge	7 12 E	6 12 E	7 13 ESE	7 14 E	7 13 ESE	7 11 ESE	6 13 N	5 9 E	4 8 ENE	4 7 E	3 6 NE	3 5 NNE	3 5 NE	3 5 NE	3 7 NE	4 8 ENE	4 6 NE	3 6 ENE	4 7 E	3 7 E	4 7 E	5 10 E	7 12 E	7 13 ESE	
Kinder 1	7 12 E	6 12 E	7 13 ESE	7 14 E	7 13 ESE	7 11 ESE	6 12 N	5 9 E	4 8 E	4 7 E	3 6 NE	3 5 NNE	3 5 NE	3 5 NE	3 7 NE	4 8 ENE	4 6 NE	3 6 ENE	4 7 E	4 7 E	4 7 E	5 10 E	7 11 E	7 13 ESE	
Greens Bayou	7 12 E	6 12 E	7 13 ESE	7 13 ESE	7 13 ESE	7 12 ESE	7 13 N	5 10 E	4 7 E	3 7 E	3 6 ENE	3 5 NNE	3 4 NE	3 5 NE	4 7 NE	4 8 ENE	3 7 NE	3 6 ENE	4 7 E	4 8 E	4 7 E	5 10 E	7 11 E	7 13 ESE	
Shell Crude	7 12 E	6 12 E	7 13 ESE	7 13 ESE	7 13 ESE	7 11 ESE	7 13 N	5 10 E	4 8 E	3 6 E	3 6 ENE	3 4 NE	2 5 NE	3 5 NE	4 7 NE	4 8 ENE	3 7 NE	3 6 ENE	4 7 E	4 8 E	4 7 E	5 10 E	7 11 E	7 13 ESE	
Lynchburg Ferries	7 12 E	6 12 E	7 13 ESE	7 15 ESE	7 13 ESE	6 12 ESE	7 15 NW	5 9 E	4 8 E	3 6 E	3 6 ENE	2 4 NE	2 4 NE	3 5 NE	3 7 NE	4 8 ENE	3 6 ENE	3 6 ENE	4 7 E	3 7 E	4 8 E	5 9 E	6 11 E	7 12 ESE	
Exxon 3	6 13 E	6 13 E	7 13 ESE	8 15 ESE	8 14 ESE	7 13 ESE	7 13 SE	6 9 ENE	5 8 E	5 6 E	3 7 ENE	3 5 ENE	2 4 NE	3 5 ENE	3 7 NE	5 10 ENE	4 8 ENE	4 7 ENE	4 8 ENE	4 8 ENE	5 9 ENE	5 10 ENE	6 12 ENE	7 13 ESE	
Morgans Point	6 13 E	6 13 E	7 13 ESE	9 15 ESE	8 15 ESE	7 12 ESE	7 12 SSW	5 9 ENE	4 8 E	3 7 ENE	3 7 ENE	3 5 ENE	3 4 NE	3 6 ENE	3 7 NE	5 10 ENE	4 7 ENE	4 7 ENE	4 8 ENE	4 8 ENE	5 9 ENE	5 10 ENE	6 12 ENE	7 13 ESE	
75/76	8 14 E	7 14 E	8 16 ESE	11 17 ESE	11 17 SE	9 14 ESE	10 14 SE	9 13 NE	9 13 E	9 9 E	5 8 ENE	5 6 ENE	4 5 ENE	3 7 ENE	4 7 ENE	5 11 NE	6 9 ENE	6 9 ENE	7 10 ENE	6 10 ENE	7 10 ENE	8 12 ENE	8 14 ENE	8 14 ENE	
63/64	7 14 E	7 13 E	9 15 ESE	9 14 ESE	9 15 ESE	9 14 ESE	10 14 NE	9 13 E	9 9 E	6 8 ENE	5 7 ENE	5 7 NE	4 5 NE	5 6 ENE	5 7 NE	6 11 NE	5 9 ENE	5 7 ENE	6 9 ENE	5 9 ENE	6 10 ENE	7 11 ENE	7 15 ENE	8 14 ENE	
51/52	8 14 E	7 13 E	8 14 ESE	8 13 ESE	9 13 ESE	9 14 ESE	9 14 E	9 13 NE	7 10 E	5 8 E	5 8 E	4 6 ENE	3 6 NE	3 6 ENE	4 7 NE	6 10 NE	5 8 ENE	5 6 ENE	5 8 ENE	5 9 ENE	6 10 ENE	6 12 ENE	8 15 ENE	8 14 ESE	
37/38	9 14 E	7 13 E	7 13 ESE	8 13 ESE	8 13 ESE	8 13 ESE	9 13 E	9 13 NE	7 11 E	5 9 E	5 8 E	4 6 ENE	4 6 NE	3 6 ENE	3 6 NE	5 9 NE	4 6 ENE	4 6 ENE	5 8 ENE	4 9 ENE	5 11 ENE	6 13 ENE	9 15 ENE	9 13 ESE	
25/26	9 13 E	8 13 E	8 13 ESE	8 13 ESE	8 13 ESE	8 13 ESE	9 13 E	8 12 NE	7 9 ENE	5 8 E	5 8 E	3 7 ENE	3 7 NE	3 6 ENE	3 6 NE	5 9 NE	4 7 ENE	4 6 ENE	5 8 ENE	4 9 ENE	5 11 ENE	6 13 ENE	7 15 ENE	9 13 ESE	
11/12	9 13 E	9 13 E	8 12 ESE	7 12 ESE	8 12 ESE	7 11 ESE	7 10 E	6 9 NE	7 13 ENE	5 8 E	5 8 E	4 8 E	3 7 ENE	3 7 ENE	4 7 ENE	5 8 ENE	4 7 ENE	3 7 ENE	5 7 ENE	5 9 ENE	7 10 ENE	7 11 ENE	8 13 ENE	9 13 ESE	
1 & 2 Bravo	9 13 E	9 13 E	7 12 E	7 12 E	8 12 E	8 12 E	8 12 E	8 12 E	7 13 NE	8 12 E	8 12 E	7 11 E	5 9 ENE	5 8 ENE	5 8 ENE	5 9 NE	7 10 ENE	5 8 ENE	7 10 ENE	5 10 ENE	7 10 ENE	8 12 ENE	8 12 ENE	11 15 SE	10 15 SE

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# Houston Pilots: Fri. 3/15/2024



## Forecast Discussion

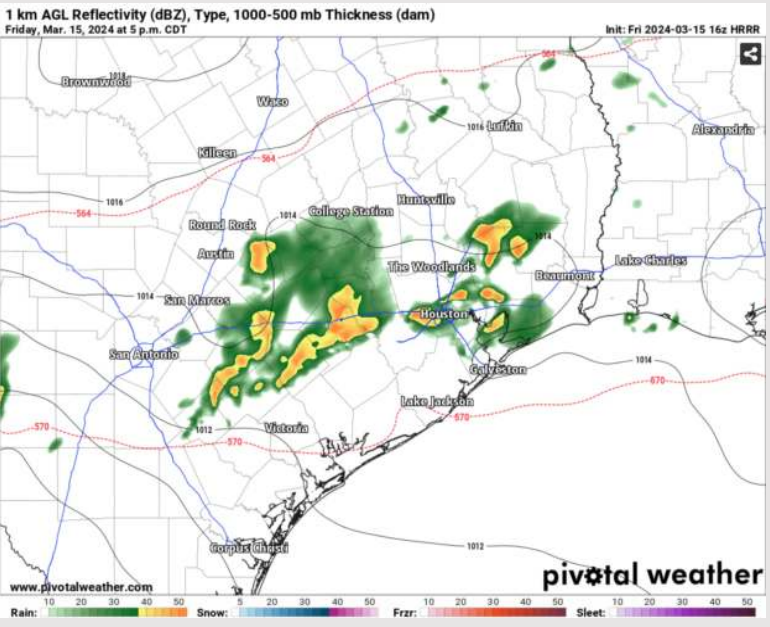
**Precip:** A few scattered showers and storm are expected to continue through the early afternoon. Around 3 – 4 PM, storms will increase in coverage forming a broken line just west of stations. **These storms will push W to E bringing strong to severe potential through 10 PM. The strongest storms will be capable of producing hail, strong gusts of around 60 MPH and lightning. The tornado risk is non-zero.**

**Wind:** Winds out of the ESE through much of the afternoon and evening ahead of main front. Winds will become slightly more variable / out of the E around 8 PM as the front stalls along the coastline. **N Morgan's Point:** Non-storm related winds at 8 – 13 kt through the rest of the PM. **S of Morgan's Point:** Non-storm winds favored at around 15 – 20 for the rest of the evening. Non-thunderstorm gusts of 20 – 25 kts cannot be ruled out throughout the PM prior to passage of front.

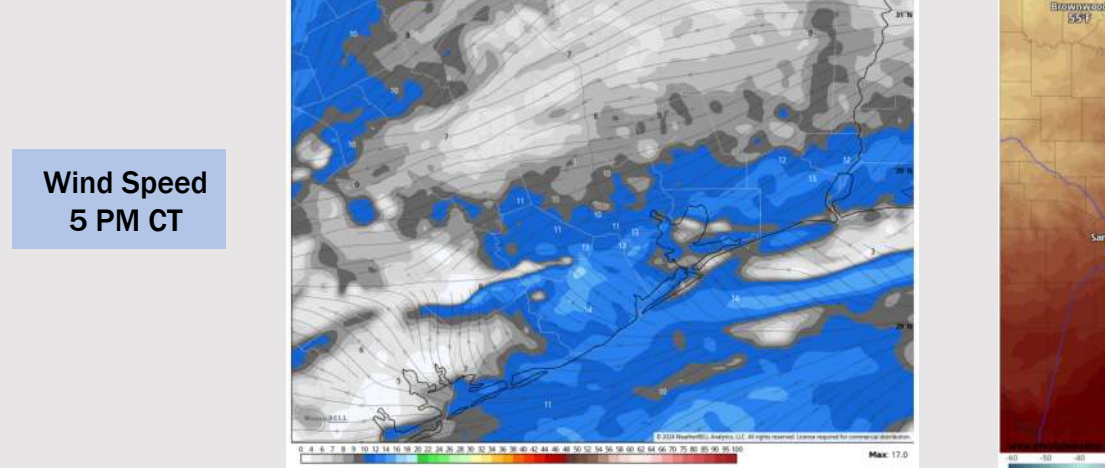
**Low Temps:** **N of Morgan's Point:** Mid 60s F. **S of Morgan's Point:** Low to Mid 60s F.

**Visibility:** Patchy / patchy dense fog is favored to linger in the Gulf through the evening as storms will be occurring at stations N of the Coastline. **See visibility slide.**

## Precip Image: 5 PM CT

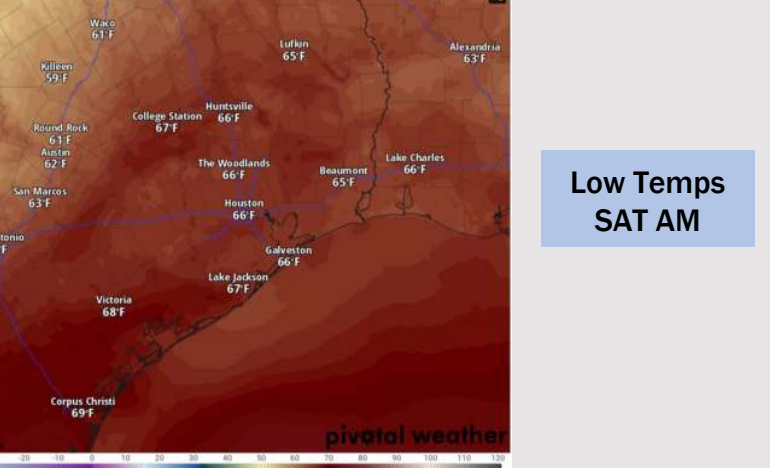


## Wind Speed 5 PM CT



Wind Speed  
5 PM CT

## Low Temps SAT AM



Low Temps  
SAT AM

# Houston Pilots: sat. 3/16/2024



## Forecast Discussion

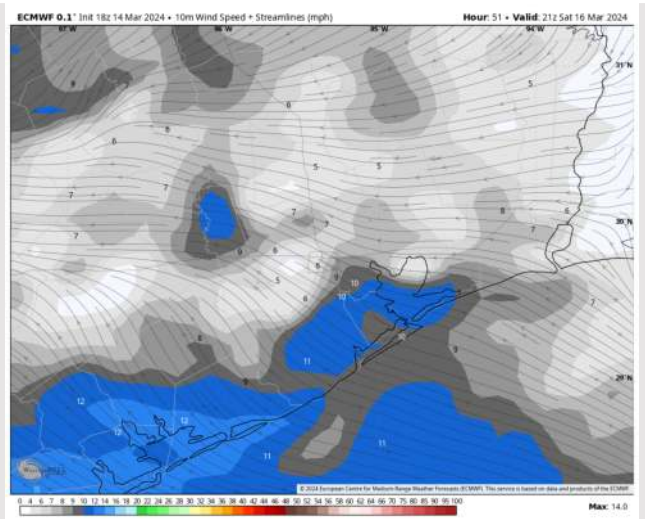
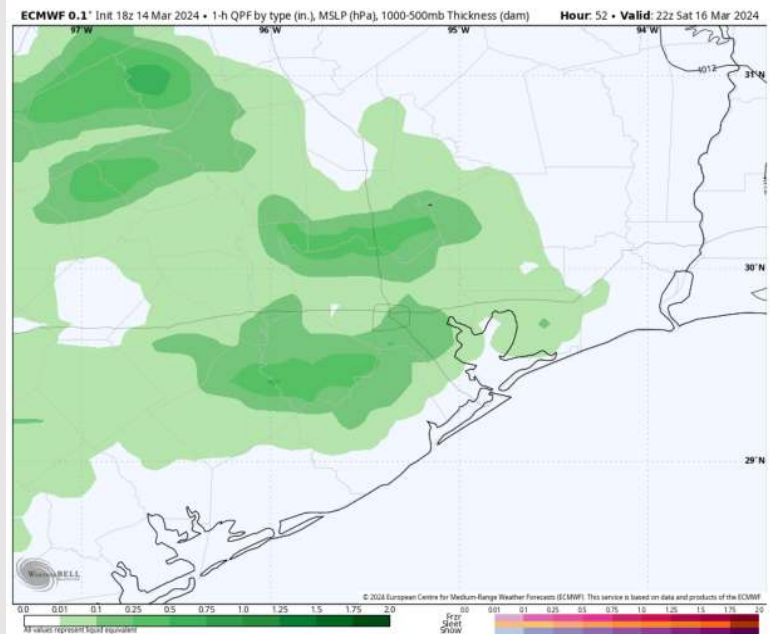
**Precip:** Scattered to organized pockets of storms will be possible after 2 PM. Severe threat appears low, but a few localized storm gusts of 40 – 50 kts and pockets of hail can't be ruled out.

**Wind:** Winds will be out of N/NNE before 8AM before returning to out of the ESE / SE. **N Morgan's Point:** Winds expected to remain at 3 - 6 kts through 2 PM. After 2 PM, winds of 5 – 8 kts will be possible. **S of Morgan's Point:** Winds at 7 - 10 kts will be possible for the entire day. **Wind gusts of 25 kts possible after 3 PM CT for stations S of Morgan's Point.**

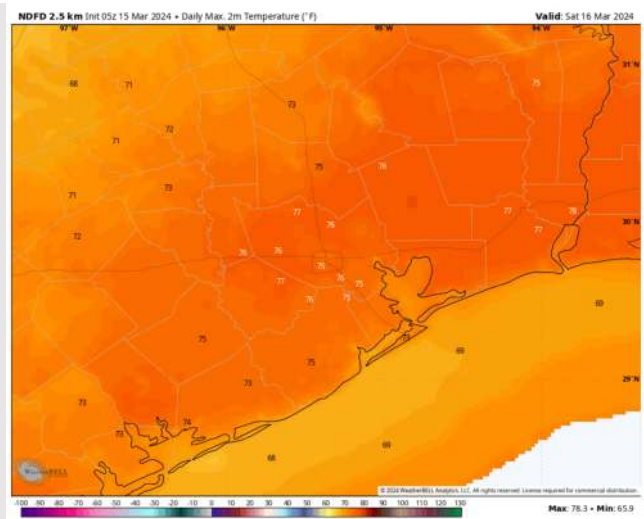
**High Temps:** **N of Morgan's Point:** Mid 70's F. **S of Morgan's Point:** Upper 60s / Near 70 F .

**Visibility:** Fog risk possible Sat AM, See visibility slide.

## Precip Image: 5 PM CT



Wind Speed:  
4 PM CT



High Temps  
Saturday



# Houston Pilots: Sun. 3/17/2024



## Forecast Discussion

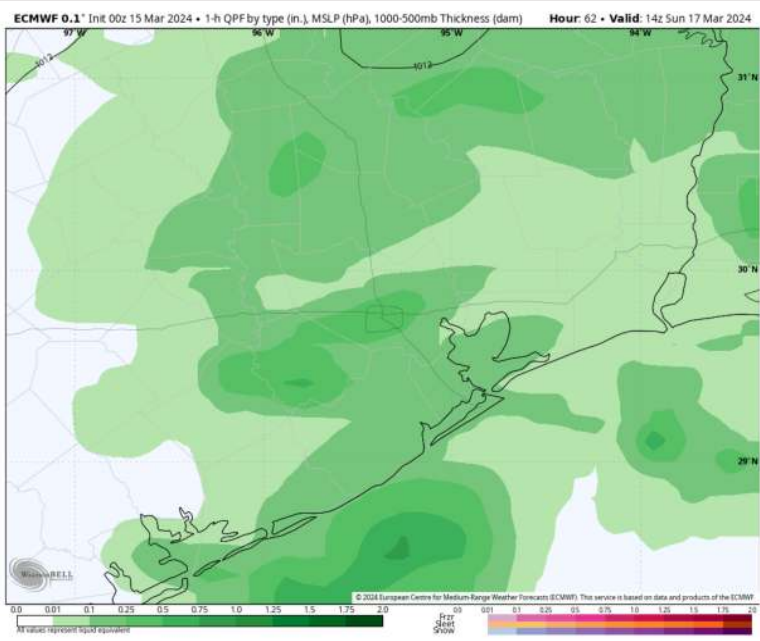
**Precip:** Scattered showers and storms continue into SUN AM, becoming widespread in nature by 6 AM. Lightning, pockets of hail and 30-40 kt gusts cannot be ruled out with storm. Widespread showers and storms gradually slide to the East and become scattered once again by 2 PM, before tapering off at 7 PM.

**Wind:** Winds will be variable through 1 PM before settling out of the NE at that time. **N of Morgan's Point:** Winds at 2-7 kts through 5 PM, increasing to 4-9 kts after that time. **S of Morgan's Point:** 5-10 kts through 11 AM, decreasing to 3-8 kts after that time before returning to 5-10 kts by 8 PM.

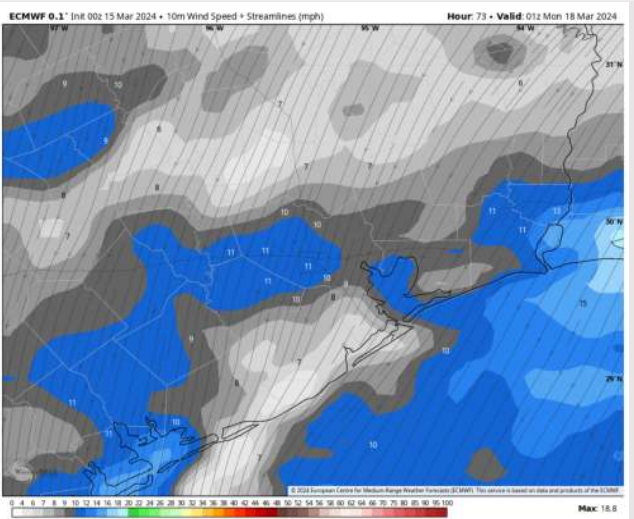
**High Temps:** **N of Morgan's Point:** Mid 70's F. **S of Morgan's Point:** Upper 60s / Near 70 F.

**Visibility:** Visibility concerns not favored for Sunday

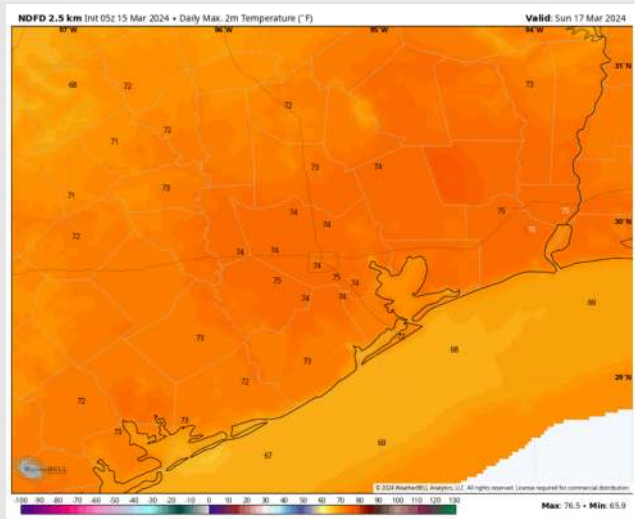
## Precip Image: 9 AM CT



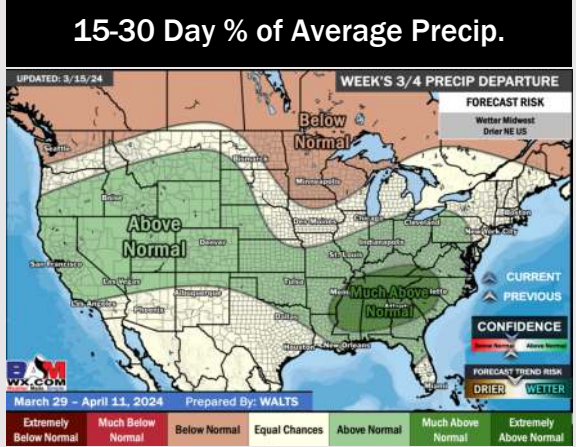
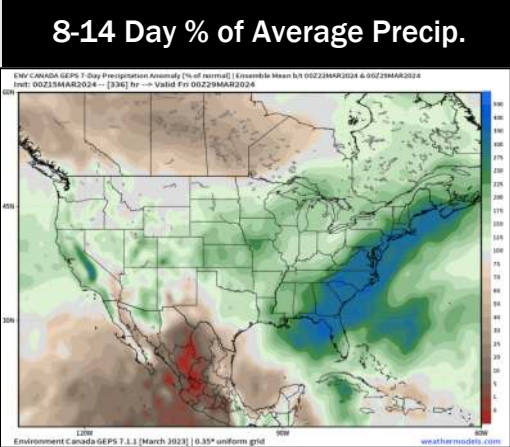
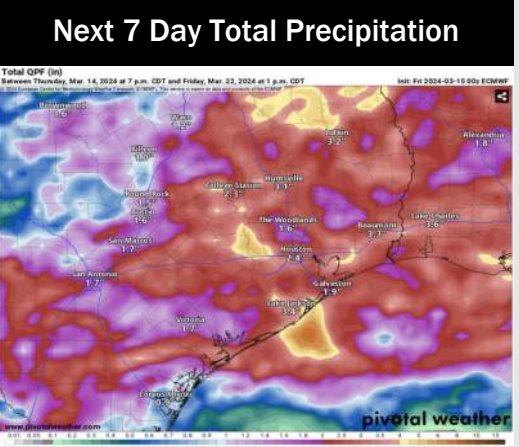
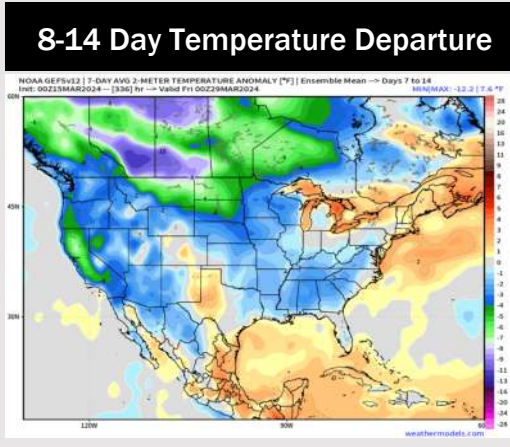
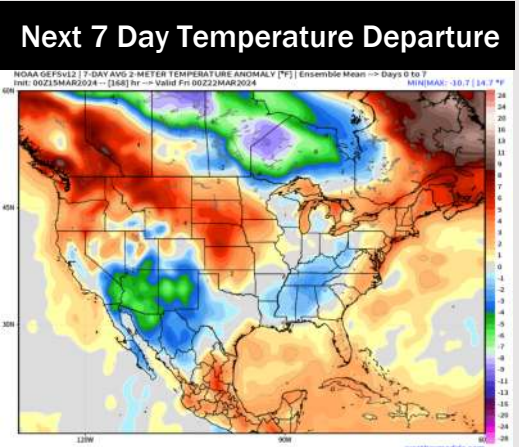
Wind Speed:  
8 PM CT



High Temps  
Sunday



# Houston Pilots: 3/15/24



- Multiple shots of rain/ storms will be possible through the weekend and into next week. Temperatures expected to sit slightly above normal.
- 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.