

# Houston Pilots Forecast Package

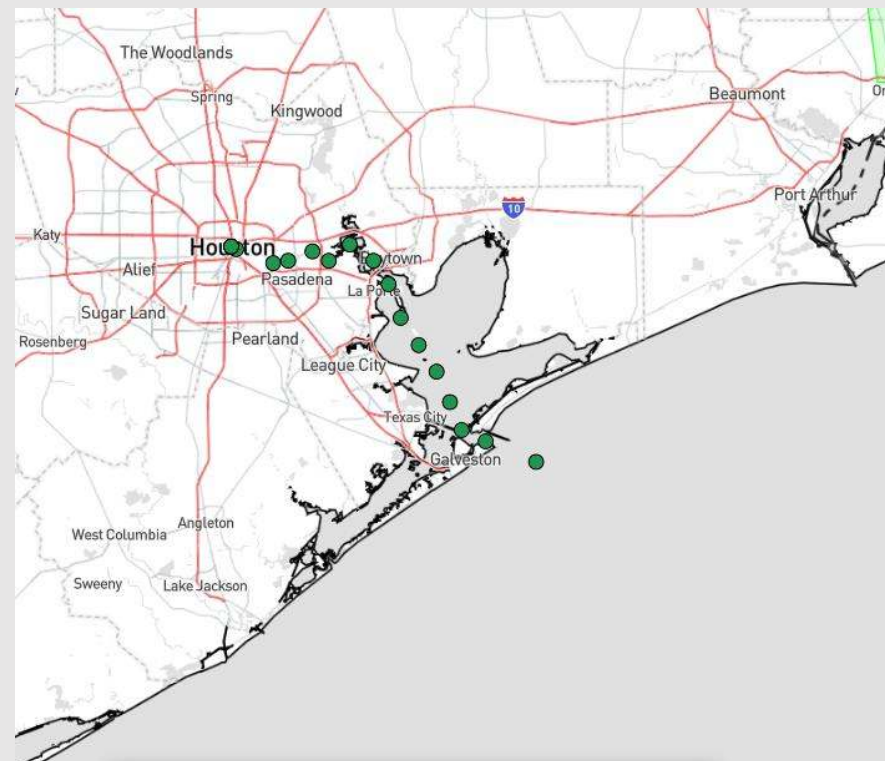


Updated: 12:35 PM CT  
Sunday, March 3, 2024

Forecaster: Xander Lowry

## Weather Headlines

- Outside of a few minor chances today, rain chances expected to return into the start of this week. **Localized stronger storms possible**
- Winds generally calm today and will gradually increase during the late PM today for Stations S of Morgan's Point.
- **Sea fog risks will remain in play through mid week. See slides below for additional information.**



**Radar/NWS Alerts: 12:35 PM CT**



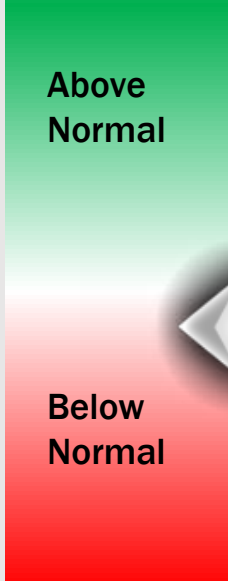
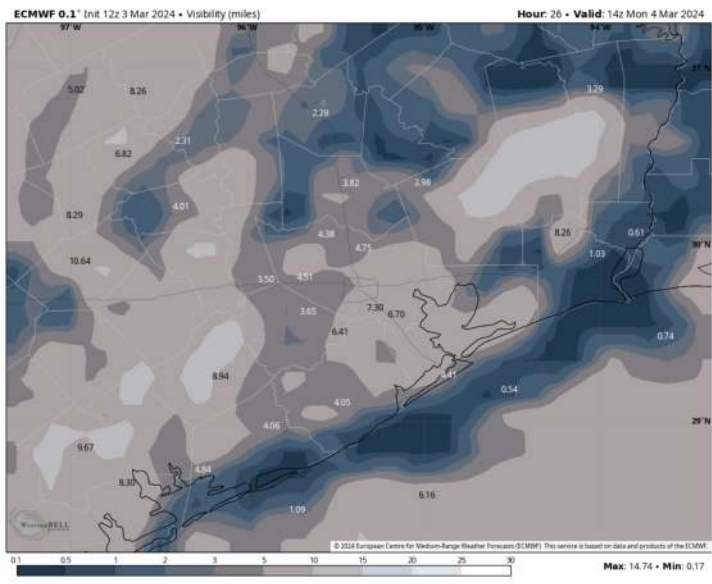
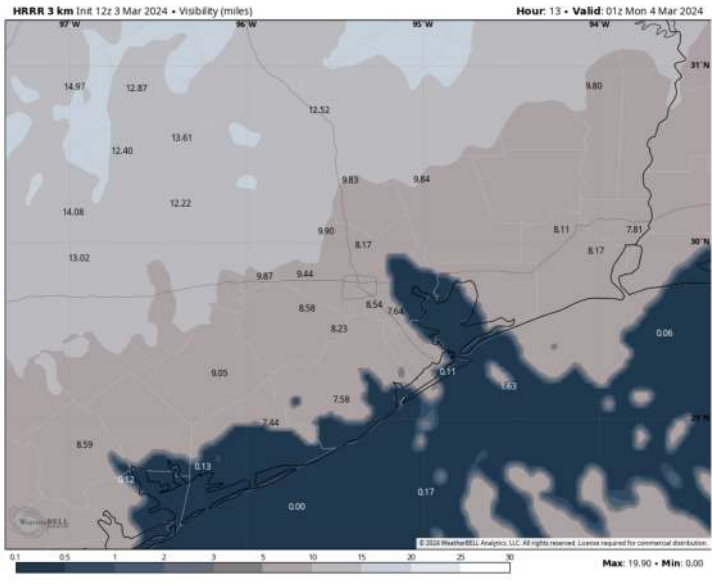
As always, please do not hesitate to reach out to us with any forecast questions via the chat option on Clarity or our on-call number, **(317)-560-8122** press 1 for forecast questions.

# Houston Pilots Visibility Report



## 7 PM CT SUN VISIBILITY      8 AM CT MON VISIBILITY

## Confidence



TIMEFRAME DISCUSSED	THREAT
Current - 11 AM MON	Medium

- Abundant number of high-level clouds and relatively calm winds out off the SE will limit Sea Fog potential throughout the remainder of the daylight hours SUN. Sea fog will gradually begin to increase in coverage as we get into the late evening hours once the sun sets (~7:30PM). Coverage will likely be patchier in nature, with reduced visibilities of 1 – 3 miles to be in play almost immediately.
- Beyond 12AM, patchy to widespread dense sea fog will fully extend from the Boarding Station to Morgan's Point. Favoring more patchy coverage the further N in the stations your progress. Visibilities from this point forward of less than ½ mile will be possible for all stations.
- Reduced visibilities are favored to improve to above 3 miles for stations N of Morgan's Point by 9AM, and stations S of Morgan's Point by 11AM. Between the 9AM-CT and 11AM-CT timeframe localized pockets of less than 3 mile visibilities may be possible.

# Houston Pilots Extended Range Visibility Report



## Wednesday 3/6/24

Lower confidence at this time, however with calmer winds settling out of the SW TUE PM, conditions become somewhat favorable for sea fog formation WED AM.



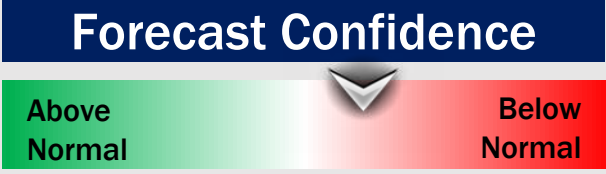
## Friday 3/8/24

Not favoring a fog risk for Friday.



## Thursday 3/7/24

Winds expected to remain calmer and out of the SE, making for favorable conditions for sea fog formation



## Chance for Fog

Wednesday AM	Probable
Wednesday PM	Possible
Thursday AM	Possible
Thursday PM	Unlikely
Friday AM	Unlikely
Friday PM	Unlikely

# Houston Pilots Visibility Chart (miles)



## Forecast Confidence



Data is overestimating fog coverage  
See Visibility Slide for more Info

Time	Sun 1pm	Sun 2pm	Sun 3pm	Sun 4pm	Sun 5pm	Sun 6pm	Sun 7pm	Sun 8pm	Sun 9pm	Sun 10pm	Sun 11pm	Mon 12am	Mon 1am	Mon 2am	Mon 3am	Mon 4am	Mon 5am	Mon 6am	Mon 7am	Mon 8am	Mon 9am	Mon 10am	Mon 11am	Mon 12pm
610 Bridge	10	10	10	10	10	10	9	4	5	4	2	2	1	1	0.7	0.7	0.5	0.5	0.5	1	4	8	10	10
Kinder 1	10	10	10	10	10	10	9	4	4	3	2	2	1	1	0.7	0.7	0.5	0.5	0.5	1	4	8	10	10
Greens Bayou	10	10	10	10	10	9	4	1	2	0.5	0.5	2	1	1	1	0.7	0.5	0.5	0.5	1	4	8	10	10
Shell Crude	10	10	10	10	10	9	4	0.8	2	0.5	0.5	0.8	0.7	1	1	0.7	0.2	0.5	0.5	1	4	6	9	9
Lynchburg Ferries	10	10	10	10	10	9	4	0.8	0.5	0.5	0.5	0.3	0.5	0.3	0.2	0.2	0.2	0.2	0.2	0.2	2	4	6	6
Exxon 3	7	10	10	10	10	5	4	0.8	0.5	0.5	0.5	0.3	0.2	0.3	0.2	0.2	0.2	0.2	0.2	0.2	1	4	6	6
Morgans Point	1	4	6	4	6	5	2	0.8	0.5	0.5	0.5	0.3	0.2	0.3	0.2	0.2	0.2	0.2	0.2	0.2	1	4	5	6
75/76	1	1	1	2	2	1	2	1	0.7	0.5	0.5	0.3	0.2	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
63/64	1	1	0.5	1	2	1	2	1	0.7	0.5	0.5	0.3	0.2	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
51/52	1	0.8	0.5	1	2	0.8	2	1	0.7	0.5	0.5	2	0.5	0.5	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
37/38	1	0.8	0.5	1	1	0.8	2	1	0.7	0.5	0.5	2	0.5	0.5	0	0	0	0.2	0.2	0.2	0.2	0.2	0.2	0.2
25/26	1	0.8	0.5	0.8	1	0.8	2	1	0.7	0.5	0.5	2	0.5	0.5	0	0	0	0.2	0.2	0.2	0.2	0.2	0.2	0.2
11/12	1	0.8	0.5	0.8	1	0.8	2	1	0.7	0.5	0.5	1	0.5	0.3	0	0	0	0.2	0.2	0.2	0.2	0.2	0	0.2
1 & 2 Bravo	1	0.8	0.5	0.8	2	1	2	1	0.5	0.5	0.5	0.3	0.2	0.3	0	0	0.2	0.2	0.2	0.2	0.2	0	0	0

**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	Sun 1pm	Sun 2pm	Sun 3pm	Sun 4pm	Sun 5pm	Sun 6pm	Sun 7pm	Sun 8pm	Sun 9pm	Sun 10pm	Sun 11pm	Mon 12am	Mon 1am	Mon 2am	Mon 3am	Mon 4am	Mon 5am	Mon 6am	Mon 7am	Mon 8am	Mon 9am	Mon 10am	Mon 11am	Mon 12pm
610 Bridge	7	8	9	9	9	8	7	7	7	6	5	5	5	5	5	5	5	5	5	5	5	6	7	7
	13	14	16	16	15	15	14	13	13	12	11	11	10	9	9	8	9	9	9	10	11	12	13	14
Kinder 1	7	8	9	9	9	8	7	7	7	5	5	5	5	5	5	5	5	5	5	5	5	6	7	7
	13	14	16	16	15	15	14	13	13	12	11	11	10	10	9	8	9	9	9	10	11	12	13	14
Greens Bayou	7	9	9	9	9	8	7	7	7	6	5	5	5	5	5	5	4	4	5	5	5	6	7	7
	13	15	16	15	15	15	14	13	13	12	11	11	10	9	9	8	8	9	9	9	11	12	13	13
Shell Crude	7	9	9	9	9	8	7	7	7	6	5	5	5	5	5	5	5	5	5	5	5	6	7	7
	13	15	15	16	15	15	14	13	13	12	11	10	9	10	9	8	8	9	9	9	11	12	13	13
Lynchburg Ferries	7	9	9	9	9	7	7	7	7	6	5	5	5	5	5	5	4	5	5	5	5	6	7	7
	13	14	15	15	15	15	13	13	12	11	11	10	9	10	9	9	9	9	10	10	12	12	13	13
Exxon 3	7	9	9	9	10	10	9	9	9	7	7	6	6	5	5	5	5	5	5	5	6	6	6	7
	14	15	16	16	15	16	14	14	13	13	12	12	11	11	10	10	10	10	10	11	12	13	13	13
Morgans Point	7	9	9	9	9	9	9	9	8	7	7	6	5	5	5	5	5	5	5	5	6	6	7	7
	14	15	15	15	16	15	13	13	13	12	11	11	11	10	10	10	10	10	10	11	12	12	13	13
75/76	9	10	11	11	13	12	12	11	10	9	9	9	8	8	8	8	8	8	8	8	8	8	8	8
	15	16	16	17	18	18	17	16	14	14	13	13	12	12	12	12	12	12	12	12	12	13	14	14
63/64	8	9	10	10	11	11	11	10	9	9	9	8	7	7	7	7	7	7	7	7	8	8	8	7
	15	16	16	16	16	16	16	15	13	13	13	12	11	11	11	11	10	11	11	12	12	13	13	14
51/52	9	9	9	9	9	10	9	9	9	9	8	7	7	7	7	6	7	7	7	7	8	7	8	8
	15	15	15	15	14	15	14	13	13	13	12	11	10	9	10	9	10	9	10	11	12	12	13	14
37/38	9	9	9	9	9	10	9	9	8	9	8	7	7	6	6	6	6	6	6	7	7	8	8	8
	14	14	16	15	13	14	13	13	12	13	12	11	10	9	10	9	9	9	10	11	12	12	13	13
25/26	9	9	9	9	9	9	8	8	7	7	8	7	6	6	6	5	6	6	7	7	7	8	8	9
	14	14	15	15	13	13	12	12	11	11	12	10	9	8	9	8	9	9	9	11	11	12	13	14
11/12	9	9	9	9	8	8	7	7	7	7	7	6	5	5	5	5	6	6	6	7	7	7	9	9
	13	14	14	13	12	12	11	11	11	11	10	9	9	8	8	8	8	8	9	10	11	12	13	13
1 & 2 Bravo	9	9	9	9	9	9	9	9	9	9	9	9	9	8	8	8	8	8	8	8	8	9	9	9
	13	14	14	14	13	13	14	14	14	13	13	13	13	12	12	12	12	12	12	12	13	13	13	13

**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: Sun. 3/3/2024



## Forecast Discussion

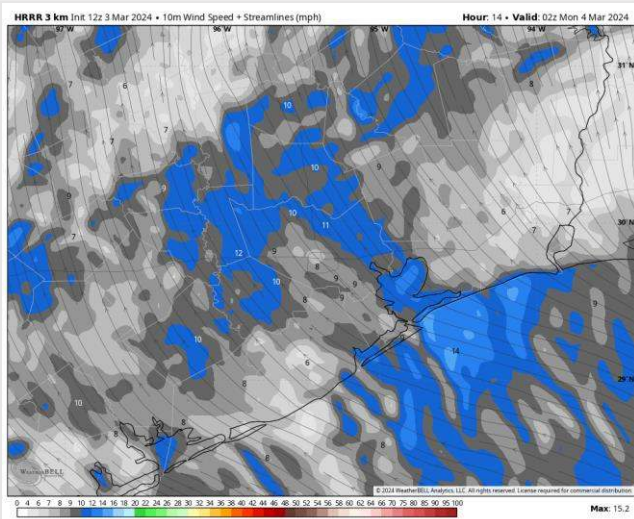
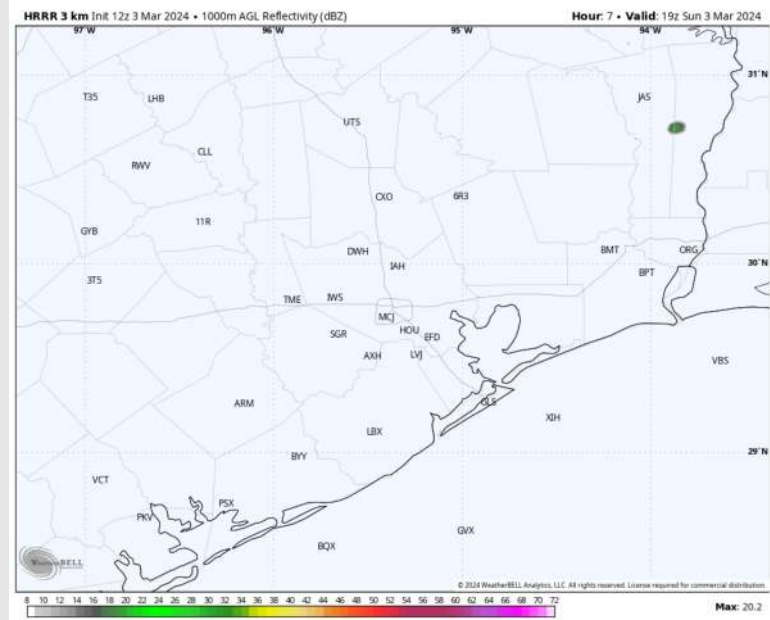
**Precip:** Isolated showers (10%) will be in play between 1PM and 7 PM. Dry conditions favored for all other parts of the day.

**Wind:** Winds will be out of the S/SE throughout the day. **N Morgan's Point:** 5 – 10 kts throughout the day. **S of Morgan's Point:** Winds at 4 - 9 kts through 7 PM, increasing to 7 – 12 kts after that time.

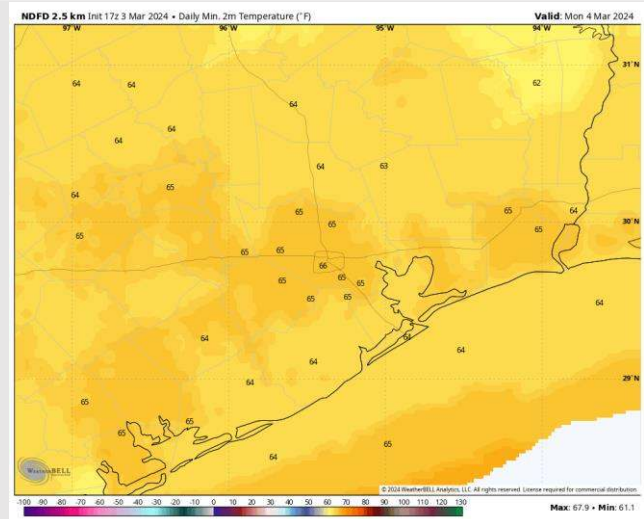
**Low Temps:** **N of Morgan's Point:** mid 60s F. **S of Morgan's Point:** Low-Mid 60s F.

**Visibility:** A lingering risk for fog will be in play throughout the remainder of the day as conditions remain favorable for sea fog. **See Visibility Slide for more details.**

## Precip Image: 1 PM CT



Wind Speed:  
8 PM CT



Low Temps  
Sunday

# Houston Pilots: Mon. 3/4/2024

## Forecast Discussion

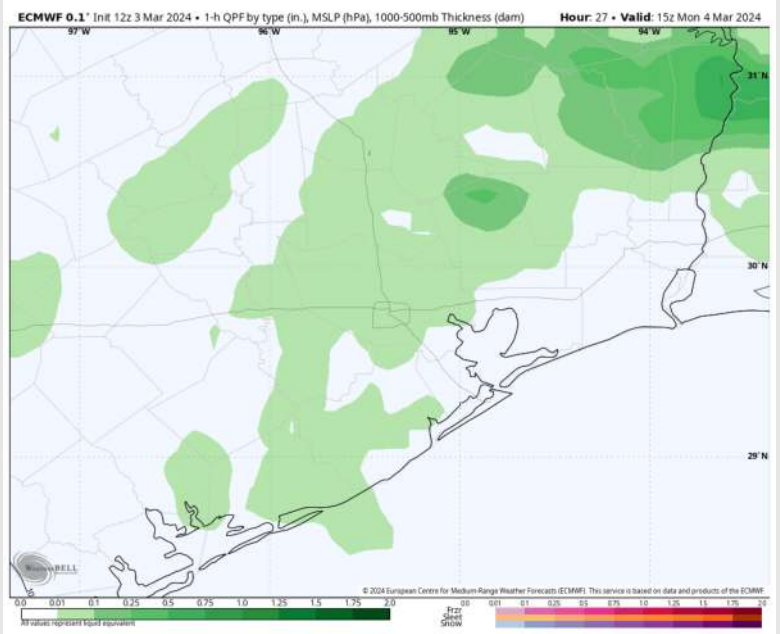
**Precip:** Hit/miss pockets of light showers (10%) will be in play through much of the AM before coverage begins increasing at 10 AM. Scattered showers (30-40%) will then decrease in coverage again after 4 PM to be hit/miss again. Heavier showers and storms associated with a passing front will be in play after 10 PM. Lightning and small hail cannot be ruled out with these storms.

**Wind:** Winds will be out of the S/SE throughout the majority of the day Monday. Winds will become variable in direction after 2 PM - 7PM before with a passing front. **N Morgan's Point:** 3-8 kts throughout the day. **S of Morgan's Point:** Winds will remain at 7-12 kts throughout the day. **Wind gusts of 8 - 13 will be possible for stations N of Morgan's Point after 9 AM.**

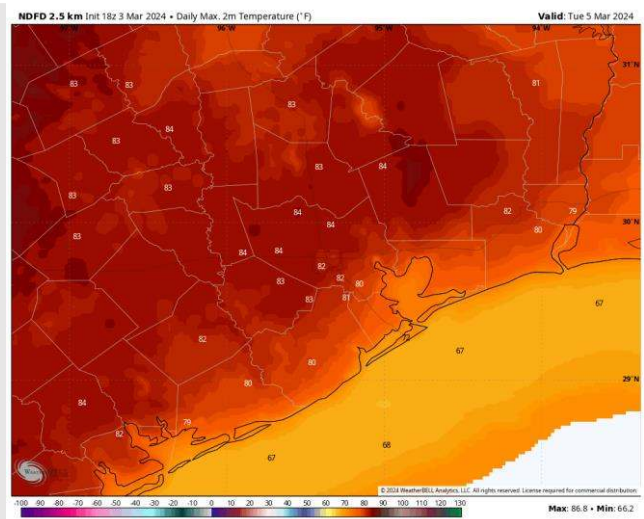
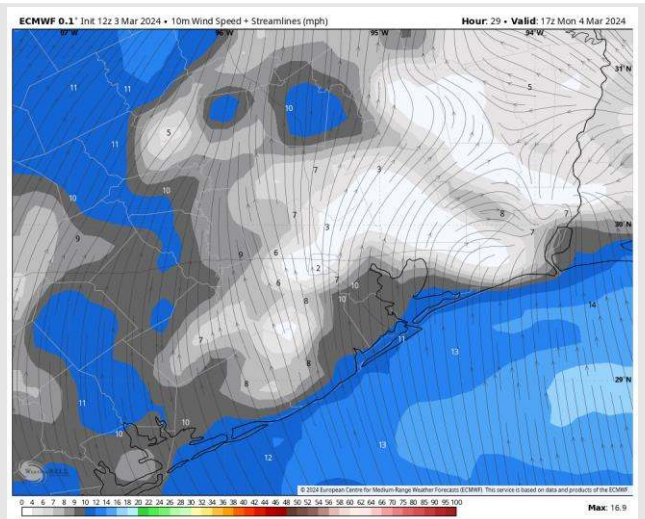
**High Temps:** **N of Morgan's Point:** Low 80's F. **S of Morgan's Point:** Upper 60s-Low 70s F.

**Visibility:** Patchier risk can develop for the Boarding Station prior to 10 AM. Confidence remains low. See visibility slide for more information.

## Precip Image: 9 AM CT



Wind Speed:  
11 AM CT



High Temps  
Monday

# Houston Pilots: Tue. 3/5/2024



## Forecast Discussion

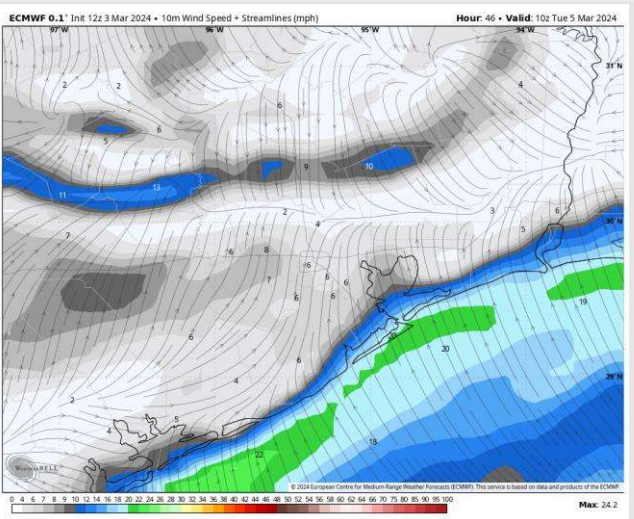
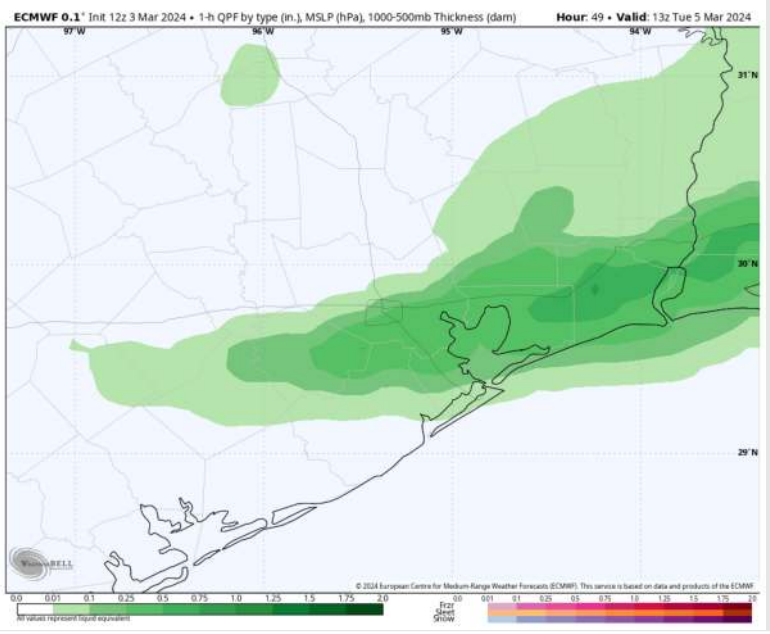
**Precip:** An advancing front will bring showers and storms through 9 AM. Main risks with storms will be lightning and small hail. Scattered showers will then continue through 5 PM.

**Wind:** Winds will be variable through much of the day, settling out of the SW by 7 PM.  
**N of Morgan's Point:** Winds at 3 – 7 kts throughout Tuesday.  
**S of Morgan's Point:** Winds slightly elevated at 7-12 kts through 4 AM with the passing front, but will calm to 4-8 kts thereafter. **With the passage of the front wind gusts of 20 – 25 kts will be possible between 4AM – 9AM. Thunderstorm wind gust of 40 – 45 MPH may be possible.**

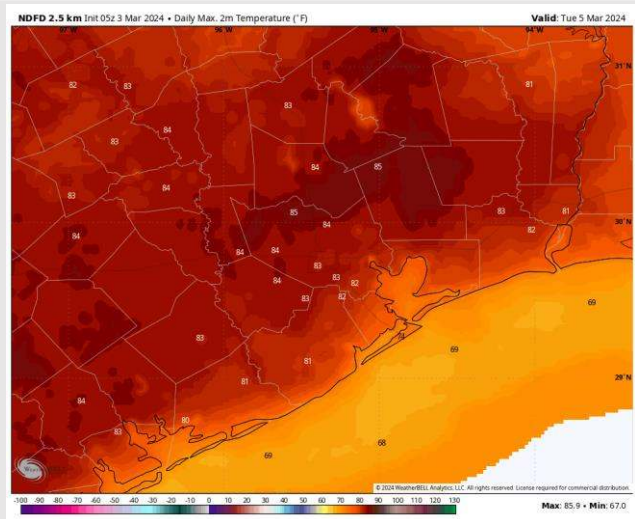
**High Temps:** **N of Morgan's Point:** Low 80s F. **S of Morgan's Point:** Low 70s-Upper 60s F.

**Visibility:** Calmer winds out of the SW will provide somewhat favorable conditions for sea fog formation in the bay after 7 PM. Lower confidence currently exists on exact timing of fog formation, however.

## Precip Image: 7 AM CT



Wind Speed:  
4 AM CT

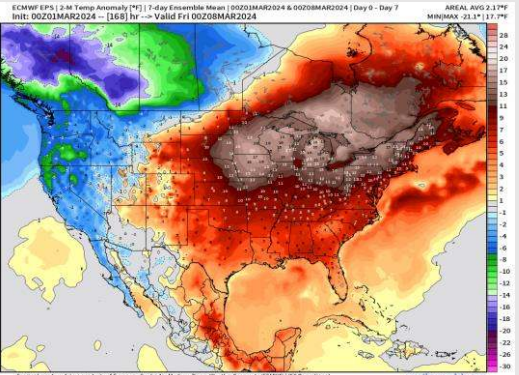


High Temps  
Tuesday

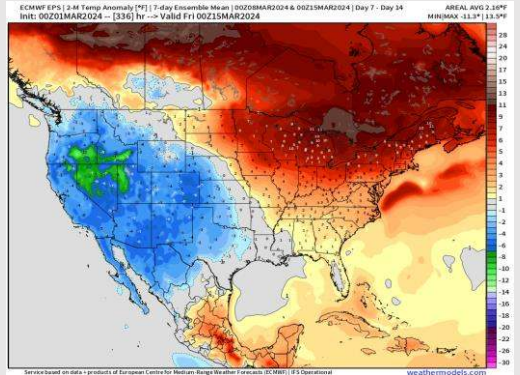


# Houston Pilots: 3/3/2024

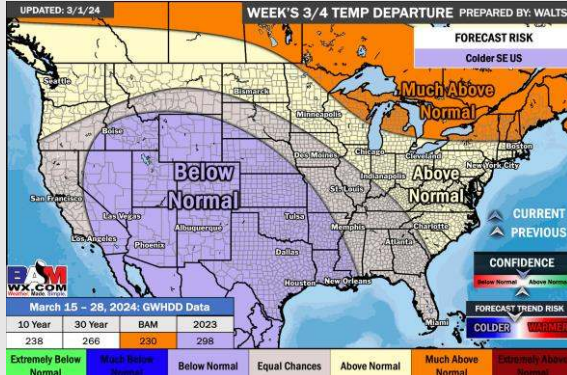
### Next 7 Day Temperature Departure



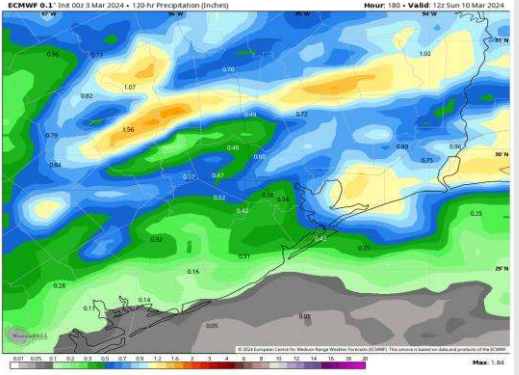
### 8-14 Day Temperature Departure



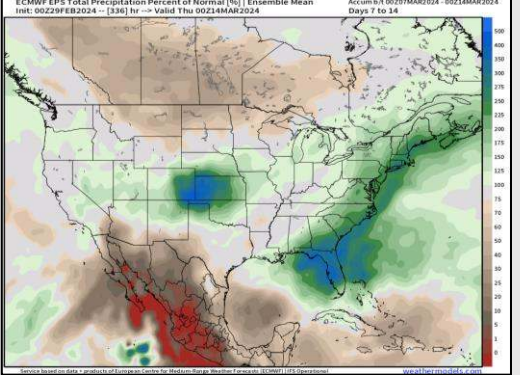
### 15-30 Day Temperature Departure



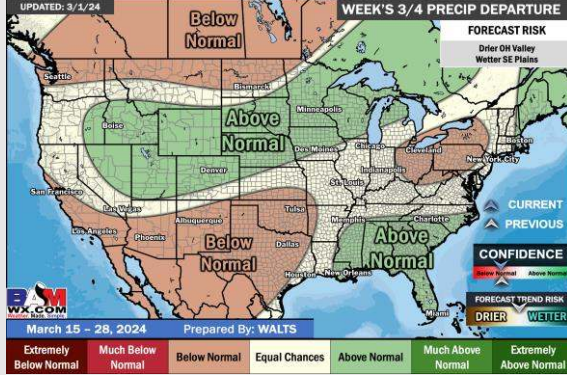
### Next 7 Day Total Precipitation



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



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



- A drier weekend continues, with rain chances returning Monday. Above normal temperatures favored for the week ahead.
- Seasonable precipitation chances are at play during the week 2 timeframe. Temps expected to be seasonable as well.
- Below normal temperatures and seasonable chances for precipitation are favored in the weeks 3/4 timeframe.