# **Houston Pilots Forecast Package**

Updated: 2:30 PM CT Friday, March 10, 2023

Forecaster: Alyssa McClung

### Weather Headlines

- Low end spotty showers will be possible through the evening.
- Reduced visibilities continue to be reported at this morning for stations S of Morgan's Point. Boarding Station at risk for lingering fog into the afternoon. View visibility report for more details.
- Winds will stay rather light over the day with ranges staying within 5 – 15 kts, with increased winds starting Saturday.

Beaumont Bridge Cinco Ranch Lake Jackso Bay City 0 - - 00

Houston Pilots

Radar/NWS Alerts: 2:30 AM CT



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

# **Houston Pilots Visibility Report**



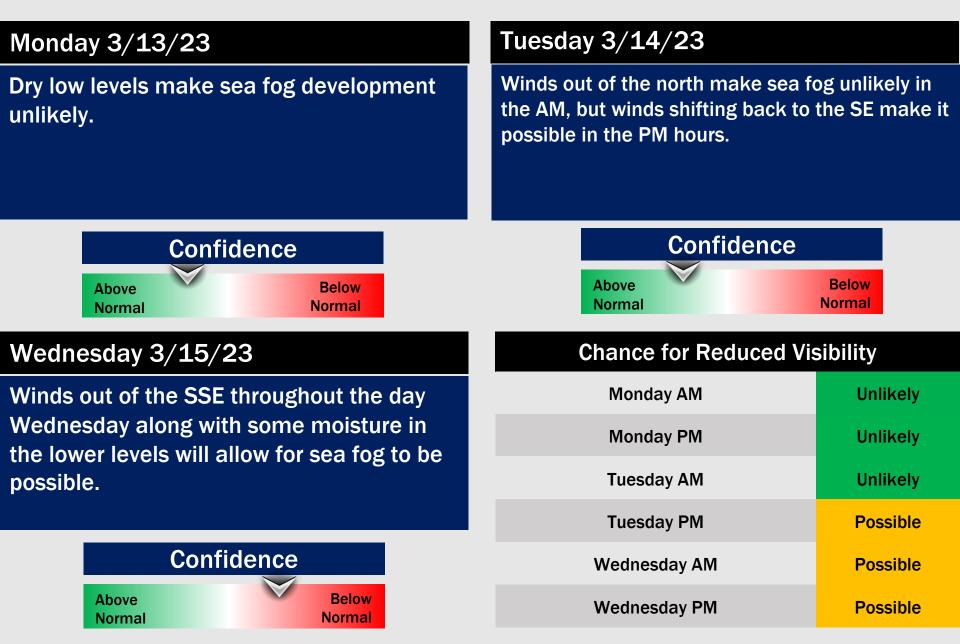
#### Confidence **1 AM CT SAT VISIBILITY** 7 AM CT SAT VISIBILITY HRRR | Visibility [miles] FORECAST + [13] HOURS --- VALID: 02:00 AM [EST] Sat MAR 11.2023 HRRR | Visibility [miles] FORECAST + [19] HOURS --- VALID: 08:00 AM [EST] Sat MAR 11,2023 Liberty Libert Above Normal (m)) Richmond 0 0 0.1 **Below** 0.1 0.1 Normal 0.0 Angletor

TIMEFRAME DISCUSSED	THREAT
7 PM FRI – 10 AM SAT	MEDIUM

- Anticipating low level moistures to allow for a low cloud deck / hazy conditions beginning around 7 PM tonight which would reduce visibilities down to 2 4 miles. At this same time, the Boarding Station will be at risk for visibility dropping to less than 2 miles as patchy dense fog lingers within the Gulf.
- Patchy dense fog is favored to gradually drift N into the Bay throughout the late evening/after 7PM. Between the 1 AM – 6 AM timeframe Saturday, fog will likely be the most widespread and dense impacting all stations (stations N. of Morgan's Point seeing 3 mile or less visibility at times and stations S. of Morgan's Point seeing 1 mile or less visibility at times)
- Favoring fog to begin to break up and lift around 6 AM with visibilities completely improving by 10 AM Saturday.

### **Houston Pilots Extended Range Visibility Report**





## **Houston Pilots Visibility Report**





#### Refer to the text slides above for the official BAM forecast. The chart may not be seeing the fog threat well.

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	Sat 1pm	Sat 2pm	Sat 3pm	Sat 4pm	Sat 5pm	Sat 6pm	Sat 7pm	Sat 8pm	Sat 9pm	Sat 10pm		Sun 12am
610 Bridge	10	10	10	10	10	10	10	10	10	10	10	10	9	9	9	5	3	5	3	6	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	9	9	9	5	3	5	3	6	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	9	9	9	4	4	4	4	6	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	9	9	9	4	8	8	8	8	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	9	9	9	3	8	8	8	8	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	9	9	9	9	3	8	8	8	8	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	9	9	9	9	8	3	8	8	8	8	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	9
75/76	10	10	10	10	10	10	10	10	10	10	9	8	8	8	8	3	8	8	8	8	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	8
63/64	10	10	10	10	10	10	10	10	9	8	8	7	7	7	7	0.53	8	8	8	8	8	9	10	10	10	10	10	10	10	10	10	9	8	8	8	8
51/52	10	10	10	10	10	10	10	9	8	7	7	0.13	0.14	2	1	0.53	8	8	8	8	8	8	8	10	10	10	10	10	10	10	9	8	8	8	8	8
37/38	10	10	10	10	10	10	10	9	8	7	7	0.06	0.06	0.08	0.19	0.53	8	7	6	7	7	6	8	10	10	10	10	10	10	10	8	8	8	8	8	8
25/26	10	10	10	10	10	10	10	9	7	7	0.92	0.06	0.06	0.06	0.18	0.53	8	6	4	6	5	8	8	9	10	10	10	10	10	8	8	8	8	8	8	8
11/12	10	10	10	10	10	10	8	8	7	0.11	0.06	0.06	0.06	0.06	0.06	0.4	8	6	5	6	6	8	8	8	9	10	10	9	8	8	8	8	8	8	8	8
1 & 2 Bravo	10	10	10	8	8	8	3	3	0.06	0.06	0.06	0.06	0.06	0.04	0.06	0.29	8	6	8	8	8	8	8	8	8	9	9	9	8	8	8	8	8	8	8	8

# **Houston Pilots Wind Report**

SSE SSE SSE S SSW SSW SSW SW SSW SW

s SE

NE SE SSE S



S S S SSW

						Confidonoo																			Example														
						Confidence													Sustained wind 13 Knots													Ι,	WS: 13						
						Abo Nor		,				Below Normal											Gusts 18 Knots								•	G:18							
							ma																Wind from the N										١	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	Sat 1pm	Sat 2pm	Sat 3pm	Sat 4pm	Sat 5pm	Sat 6pm	Sat 7pm	Sat 8pm	Sat 9pm	Sat 10pm		Sun 12am			
610 Bridge	8 10 NNW	5 6 NW	5 6 WNW	4 5 NW	4 5 NW	4 5 NW	2 4 SW	4 6 E	4 6 E	3 4 E	2 4 ESE	3 6 SSE	2 6 S	3 6 SSE	4 7 S	4 6 SE	4 6 SE	5 7 SSE	6 8 SSE	6 10 S	9 14 S	10 15 S	11 16 S	12 17 SSW	13 19 SSW	14 19 SSW	14 20 SSW	14 21 SSW	15 20 S	14 20 S	14 21 S	15 22 S	17 26 S	17 26 S		18 27 SSW			
Kinder 1	8 10 N	5 6 NNW	4 5 WNW	4 5 NW	4 5 NW	3 4 WNW	2 4 SSE	4 7 ENE	4 6 E	2 4 E	2 4 ESE	3 6 SSE	2 6 S	3 6 S	4 7 S	4 6 SE	4 6 SE	5 7 SSE	6 8 SSE	6 10 S	9 13 S	10 15 S	11 16 S	12 17 SSW	13 18 SSW	14 19 SSW	14 19 SSW	14 21 SSW	15 20 S	14 20 S	14 21 S	15 22 S	17 26 S	17 26 S	18 27 S	18 27 SSW			
Greens Bayou	8 10 N	5 6 NNW	4 5 NW	4 5 WNW	4 5 W	4 5 SSE	4 6 ENE	5 7 ENE	3 5 ENE	3 4 ENE	2 5 E	3 6 SE	2 5 S	2 5 SSE	4 6 SSE	4 6 SE	4 7 SE	5 7 SSE	5 8 SSE	7 10 S	9 13 S	10 15 S	11 15 S	12 16 SSW	13 18 SSW	14 19 SSW	14 19 SSW	15 21 SSW	15 20 S	14 20 S	14 21 S	14 21 S	17 25 S	17 25 S	17 26 S	18 27 SSW			
Shell Crude	9 11 N	6 7 NNW	3 5 NW	4 5 WNW	4 5 SW	4 5 SE	3 6 ENE	4 6 E	3 4 E	2 4 E	3 5 SE	3 6 SSE	2 5 S	3 5 SSE	4 6 SSE	4 6 SE	4 7 SE	5 8 SSE	6 8 SSE	7 10 S	9 13 S	10 14 S	11 15 S	12 16 S	13 17 SSW	14 18 SSW	14 19 SSW	15 20 SSW	15 20 S	14 20 S	14 21 S	14 21 S	16 25 S	16 25 S	17 25 S	17 26 SSW			
Lynchburg Ferries	9 11 N	6 7 NNW	3 5 NNW	4 5 NW	5 6 ESE	4 6 NNE	4 7 ENE	4 6 ENE	3 5 E	2 4 E	3 5 ESE	4 6 SE	3 5 SE	3 5 SE	4 6 SE	4 6 SE	5 7 SE	5 8 SSE	6 8 SSE	7 10 S	9 13 S	10 14 S	11 15 S	12 16 S	13 17 S	14 18 S	14 19 SSW	15 20 S	15 20 S	15 20 S	14 20 S	14 21 S	16 24 S	16 24 S		17 26 SSW			
Exxon 3	9 12 NNW	7 8 NNW	3 5 NNW	5 6 NNW	5 6 SE	4 6 NE	4 7 SE	3 5 ESE	3 5 SE	3 4 ESE	3 5 SE	4 6 SE	3 6 SSE	4 5 SE	4 6 SSE	5 7 SE	5 7 SE	6 8 SE	6 8 SSE	7 10 S	9 13 S	10 14 S	11 15 S	12 16 S	13 17 S	14 18 S	15 19 S	16 20 S	16 20 S	15 20 S	14 20 S	15 21 S	16 23 S	15 22 S		16 24 SSW			
Morgans Point	8 11 WNW		3 5 W	4 6 W	5 6 ESE	5 7 E	5 9 SE	5 7 SSE	3 7 SSE	3 4 SE	4 6 SE	4 6 SSE	3 6 SSE	4 5 SE	5 6 SSE	5 7 SE	6 7 SE	6 8 SE	7 9 SSE	8 10 S	10 12 S	10 13 S	11 15 S	13 16 S	14 17 S	15 19 S	16 20 S	17 21 S	17 21 S	16 21 S	15 20 S	15 21 S	15 21 S	16 21 S		16 23 SSW			
75/76	5 9 ESE	6 10 SSW	2 5 SE	6 7 ESE	6 7 ESE	7 10 SE	8 11 SSE	7 10 SSE	5 9 SSE	3 6 SSE	3 6 SE	5 8 SSE	3 6 SSE	5 5 SE	5 6 SSE	6 7 SE	7 8 SE	8 9 SE	8 10 SSE	10 11 S	11 12 S	11 13 S	13 15 S	14 16 S	16 18 S	17 20 S	17 21 S	19 22 S	19 22 S	18 21 S	17 20 S	17 20 S	16 21 S	17 22 S		17 23 SSW			
63/64	3 9 NNE	4 11 S	2 6 E	5 6 ESE	6 7 ESE	8 11 SSE	9 12 SSE	7 10 SSE	6 9 SSE	4 9 S	3 7 SSE	5 8 SSE	3 7 S	4 5 SE	5 6 SSE	6 6 SE	7 7 SE	8 9 SE	9 10 SSE	10 11 S	11 12 S	12 13 S	13 15 S	14 17 S	16 18 S	18 20 S	18 21 S	19 21 S	19 21 S	19 21 S	18 20 S	17 20 S	17 21 S	18 22 S	18 24 SSW	18 24 SSW			
51/52	3 9 E	3 10 SSW	2 7 SE	3 5 SE	6 6 SE	8 10 SSE	9 12 SSE	7 10 SSE	6 10 S	7 11 SSW	4 9 S	5 9 S	4 7 SSW	4 5 SSE	5 6 S	5 6 SE	6 7 SE	8 8 SSE	9 10 SSE	10 11 S	10 12 S	12 14 S	14 15 S	14 17 S	16 18 S	17 20 S	17 21 S	18 21 S	19 21 S	18 20 S	17 20 S	17 20 S	17 21 S	18 22 S	18 24 S	18 24 SSW			
37/38	4 9 ENE	3 10 SSW	2 8 SSW	1 5 S	7 7 SSE	7 9 SSE	8 10 SSE	6 10 S	7 11 S	8 12 SSW	6 10 SSW	6 10 SSW	5 8 SSW	4 5 S	4 5 S	4 4 SE	5 6 SE	7 8 SSE	8 9 SSE	10 11 S	10 12 S	12 13 S	14 15 S	14 17 S	15 18 S	16 19 S	16 20 S	17 20 S	17 20 S	17 19 S	17 20 S	16 19 S	17 21 S	18 23 S	19 24 S	18 25 SSW			
25/26	4 7 NE	3 9 SW	2 7 SSW	2 4 S	6 6 S	6 8 SSE	6 9 SSE	5 9 S	6 11 SSW	7 11 SSW	6 10 SSW	7 10 SSW	5 8 SW	3 5 SSW	3 4 S	3 4 SE	5 5 SSE	7 7 SSE	7 8 SSE	9 10 S	10 11 S	11 13 S	13 15 S	13 16 S	14 17 S	15 18 S	15 19 S	15 19 S	15 19 S	15 18 S	16 20 S	15 20 S	16 21 S	17 23 S	18 24 S	17 25 SSW			
11/12	4 5 ENE	3 7 WSW	5 7 S	6 6 S	6 7 S	6 8 SSE	6 9 SSE		7 10 SSW	7 11 SSW	7 10 SSW	7 10 SW	5 7 SW	3 4 SSW	3 4 S	4 4 SE	5 6 SSE	7 8 SSE	8 9 SSE	9 10 SSE	10 11 S	11 13 S	12 15 S	12 15 S	13 16 S	14 17 S	14 18 S	14 19 S	15 19 S	14 18 S	15 20 S	15 19 S	16 21 S	17 23 S		18 24 SSW			
1 & 2 Bravo	4 5	2 4	8 9 555	8 8 6	6 8 8555	8 9 555	7 9 555	7 9 8	8 11 55W	8 11 55W	9 11 55W	7 10 SW	5 6 6	4 4 SW	3	4 5	6 7	8 9 865	10 10	10 11	10 12	12 13	13 14	12 15 S	13 15 s	13 16	14 17	15 18 s	16 19	16 18	18 20	18 20	19 22	19 24	20 25	20 25			

SE SSE SSE SSE SSE

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# Houston Pilots: Fri. 3/10/2023



### **Forecast Discussion**

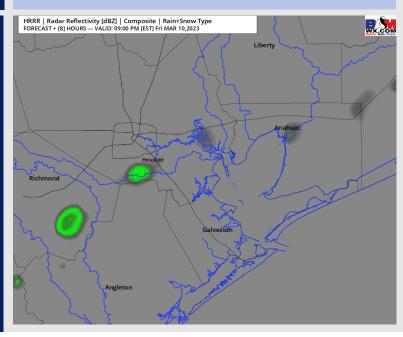
**Precip:** Anticipating a 10% chance for light shower throughout the evening with dry conditions favored after 10 PM.

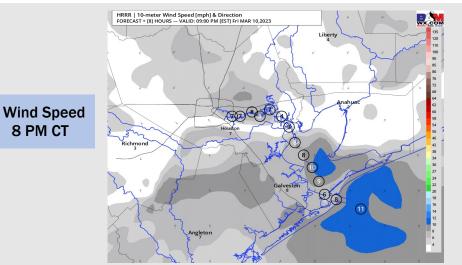
Wind: Sustained winds gradually shifting back out of the NNW and are favored to remain that way through the rest of the evening, with speeds increasing to 5 - 12 kts across all stations. Gusts of 15 - 20 kts will be possible through the afternoon.

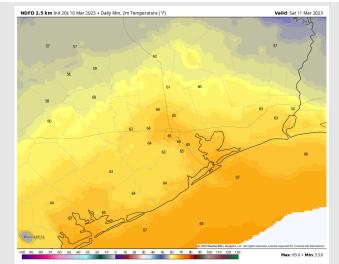
**Temps:** Low temperatures Saturday morning in the upper to mid 60s F for all stations.

Visibility: Sea fog threat expected to redevelop this evening and continue into tomorrow. View visibility report for more details.

#### Precip Forecast: 8 PM CT







Low Temps Saturday AM

## Houston Pilots: Sat. 3/11/2023



### **Forecast Discussion**

Wind Speed

**2 PM CT** 

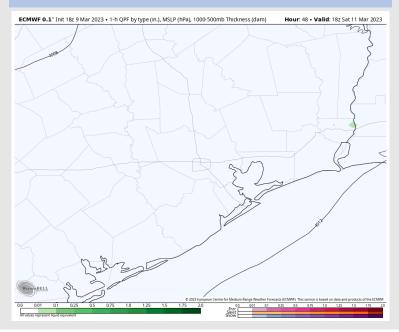
**Precip:** Favoring dry conditions throughout the day on Saturday.

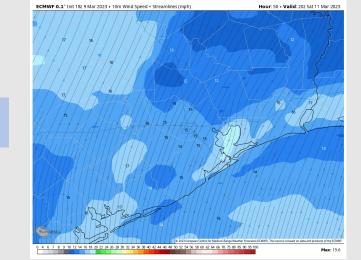
Wind: Winds out of the SSE at 5 - 11 kts will shift to coming from the SW by 9 AM Saturday and remain there the rest of the day. After 9 AM, winds will increase to 11-16 kts for the rest of the day. After 7 PM, winds near the boarding station will increase to 14 - 19 kts.

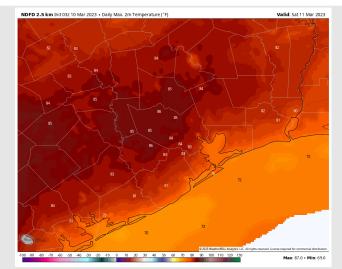
**Temps:** High temperatures on Saturday will be in the mid 80s north of Morgan's Point and mid to low 70's south of Morgan's Point.

Visibility: Patchy fog is likely throughout the AM Saturday. View visibility report for more details.

#### Precip Forecast: 12 PM CT







High Temps Saturday

# Houston Pilots: Sun. 3/12/2023



### **Forecast Discussion**

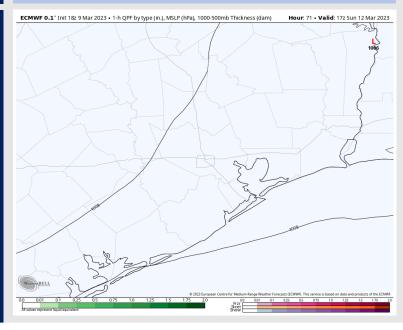
**Precip:** Anticipating dry conditions throughout the day Sunday.

Wind: Winds will start out of the SSW during the early morning hours of Sunday. Gradually shifting to out of the WSW by 9 AM local time. Then by 4 PM, the winds will shift to out of the NNW as a cold front moves through the area. Winds N of Morgan's Point will be 9-15 kts throughout the day, while winds S of Morgan's Point will be 13-19 kts throughout the day.

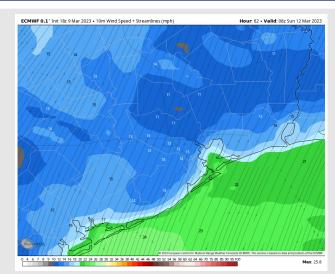
Temps: High temperatures Sunday will be in the low-mid 70s F near the boarding station and low 80s F at all other stations S of Morgan's Point. N of Morgan's Point temperatures will be in the mid 80s.

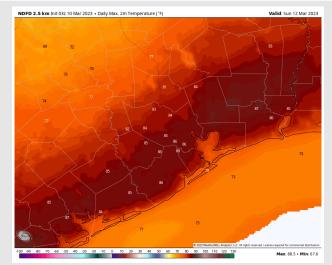
Visibility: Sea fog threat will be possible Sunday AM.

### Precip Forecast: 12 PM CT





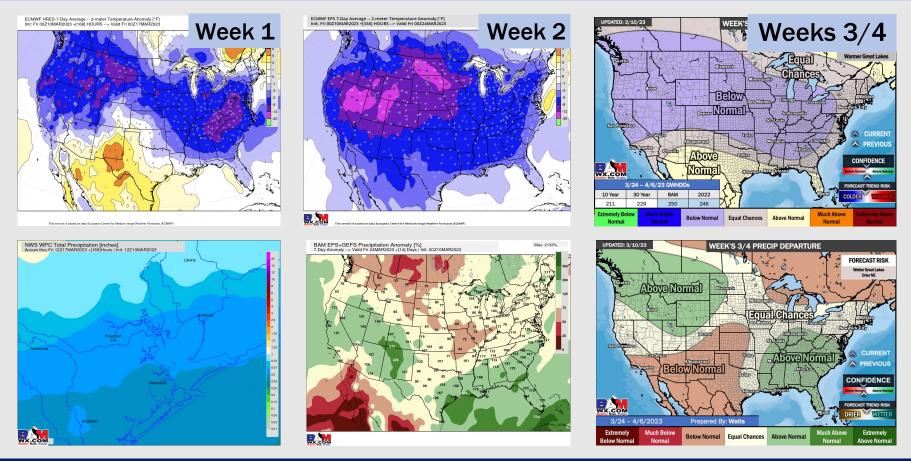




**High Temps** Today

### Houston Pilots: 3/10/23





- Anticipating low end shower chances today and early next week. Better shot for moisture will come over next weekend. Temperatures are expected to be above normal over the next seven days.
- Expecting above normal precipitation chances and below normal temperatures extending into the week 2 timeframe.
- Anticipating above normal temperatures and equal chances for precipitation favored in the week <sup>3</sup>/<sub>4</sub> timeframe.