# **Houston Pilots Forecast Package**

Updated: 1:00 PM CT

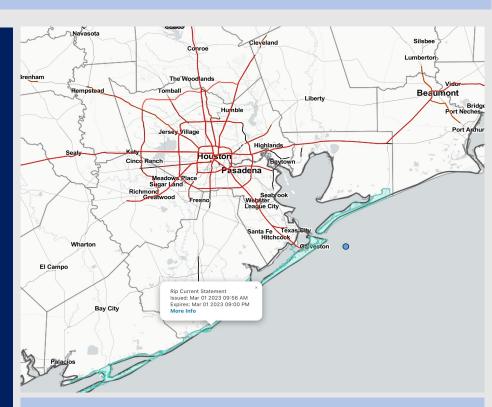
Wednesday, March 1, 2023

Forecaster: Alyssa McClung



## **Weather Headlines**

- Anticipating fog to return this even after 7 PM, then lasting out through the morning tomorrow. Please view visibility report for more details.
- Isolated shower chances possible tomorrow with the better shot of measurable moisture coming Friday.
- Highest risk of seeing waves at/just above 6 8+ feet comes late tomorrow afternoon through daybreak Friday. This will because of strong Southerly winds.
- Tomorrow looks to hold particularly strong sustained winds in the 15 – 20 kt range with gusts of up to 30 kts possible. As the cold front arrives late THU PM/Early FRI AM, gusts could be as high as ~40 kts.



Radar/NWS Alerts: 1:00 PM 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**

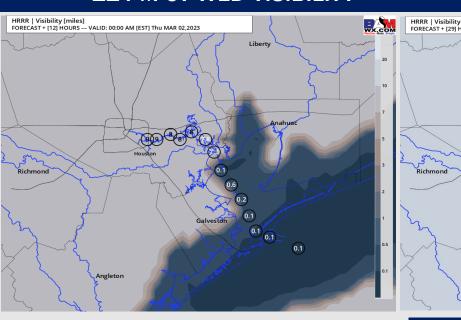


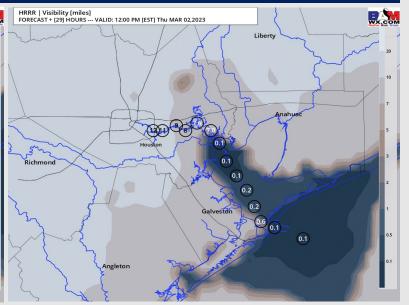


#### 11 PM CT WED VISIBILITY

#### 11 AM CT THU VISIBILITY

### Confidence







TIMEFRAME DISCUSSED	THREAT
7 PM WED – 1 PM THU	Medium

- Anticipating a patchy fog risk to begin after 7 PM today. Fog will likely begin developing out near the Boarding Station and creep northward throughout the late evening, eventually impacting all stations south of Morgan's Point by 9 PM.
- ➤ Favoring between 1 AM 10 AM Thursday for fog to be the most widespread and a bit more dense at 1 3 mile visibility; instances of less than 1 mile possible, especially between the Boarding Station and station 11/12
- ➤ After 10 AM, expecting fog to begin to break up, again becoming patchier in nature with visibilities improving to 3 5 miles. A few isolated pockets of 2 mile or less visibility cannot be ruled out during this time.
- Favoring by 1 PM for the fog risk to expire with the next low end risk for patchy fog to develop out ahead of the front moving through late THU / early FRI.

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





Unlikely

**Possible** 

**Possible** 

### **Saturday 3/4/23**

Fog is not likely on Saturday as drier air will still be around from the front that will pass through late Thursday/early Friday.

### **Sunday 3/5/23**

Easterly winds will be possible on Sunday and could veer more from the SE during the PM hours. Late Sunday night into Monday AM would be a risk to watch.



### Monday 3/6/23

SE winds will be possible all day Monday, allowing sea fog development to be possible.

Confide	ence
Above	Below
Normal	Normal



### **Chance for Reduced Visibility**

Friday AM

**Monday AM** 

**Monday PM** 

Friday PM	Unlikely
Sunday AM	Unlikely
Sunday PM	Possible

# **Houston Pilots Visibility Report**





### Confidence

Above Normal

Below Normal

	Wed 11am	Wed 12pm			Wed 3pm	Wed 4pm		Wed 6pm	Wed 7pm	Wed 8pm	Wed 9pm				Thu 1am		Thu 3am	Thu 4am	Thu 5am	Thu 6am		Thu 8am	Thu 9am	Thu 10am				Thu 2pm	Thu 3pm	Thu 4pm		Thu 6pm	Thu 7pm	Thu 8pm	Thu 9pm	
610 Bridge	10	10	10	10	10	10	10	10	10	10	8	7	7	6	6	6	6	6	6	6	6	6	6	10	10	10	10	10	10	10	10	10	10	10	7	10
Kinder 1	10	10	10	10	10	10	10	10	10	10	8	7	7	6	6	6	6	6	6	6	6	6	6	10	10	10	10	10	10	10	10	10	10	10	7	10
Greens Bayou	10	10	10	10	10	10	10	10	10	10	9	8	7	6	6	7	6	6	6	6	6	6	6	10	10	10	10	10	10	10	10	10	10	10	8	10
Shell Crude	10	10	10	10	10	10	10	10	10	10	8	7	7	6	6	6	6	6	6	6	5	5	6	10	10	10	10	10	10	10	10	10	10	9	8	10
Lynchburg Ferries	10	10	10	10	10	10	10	10	10	10	9	7	7	6	6	7	6	6	6	6	5	5	6	10	10	10	10	10	10	10	10	10	10	9	8	10
Exxon 3	10	10	10	10	10	10	10	10	10	9	8	6	7	6	6	6	6	6	6	6	5	5	6	10	10	10	10	10	10	10	10	9	10	8	8	8
Morgans Point	10	10	10	10	10	10	10	9	10	9	7	6	6	6	6	6	6	6	6	5	5	5	6	9	10	10	10	10	10	10	9	8	9	8	8	8
75/76	10	10	10	10	10	10	10	9	9	7	6	6	6	5	5	5	4	4	4	4	5	5	5	7	8	9	9	9	9	9	8	8	7	8	8	8
63/64	9	10	10	10	10	10	10	7	8	7	6	5	6	4	3	2	2	2	4	4	4	4	5	6	8	8	9	9	9	8	8	8	7	8	8	8
51/52	8	9	9	9	10	9	8	6	7	6	5	4	3	3	2	1	1	1	4	4	4	4	5	5	7	8	9	9	9	8	7	8	7	8	8	8
37/38	6	8	8	9	9	8	6	5	5	5	4	3	2	3	2	2	2	1	4	4	4	3	3	4	6	7	8	9	8	7	7	8	7	7	8	8
25/26	6	7	7	7	8	6	6	5	5	4	3	3	2	2	2	2	2	1	4	5	5	3	3	4	7	7	7	9	7	7	7	8	7	7	8	8
11/12	7	7	7	7	7	6	5	4	5	4	3	3	2	2	2	2	2	1	4	4	3	2	3	4	8	7	7	8	7	7	7	8	7	7	8	8
1 & 2 Bravo	7	8	7	6	6	6	5	4	4	4	3	3	4	2	1	1	2	3	1	1	0.73	1	2	6	8	7	7	7	7	7	7	8	7	7	8	8

# **Houston Pilots Wind Report**







Sustained wind 13 Knots

Gusts 18 Knots

Wind from the N

WS: 13

G:18

N

Time	Wed	Wed	Wed	Wed	Wed	Wed	Thu	Thu	Thu	Thu	Thu	Thu	Thu	Thu	Thu	Thu	Thu	Thu	Thu	Thu	Thu	Thu	Thu	Thu	Thu	Thu	Thu	Thu	Thu							
Knots	11am	12pm	1pm	2pm	3pm	4pm	5pm	6pm	7pm	8pm	9pm	10pm	11pm	12am	1am	2am	3am	4am	5am	6am	7am	8am	9am	10am	11am	12pm	1pm	2pm	3pm	4pm	5pm	6pm	7pm	8pm	9pm	10pm
610 Bridge	12	12	13	13	11	11	11	10	9	7	7	7	7	8	8	9	8	7	7	7	7	8	10	12	13	16	17	17	19	20	20	20	21	23	26	26
	23	20	21	19	17	17	18	18	17	17	18	20	19	18	18	13	12	11	11	10	11	12	15	18	20	23	26	26	28	30	30	31	32	35	39	39
	S	S	S	S	S	S	S	S	SSE	S	S	S	S	S	S	S	S	S	S	S	SSE	S	S	S	S	SW										
Kinder 1	12	12	13	13	11	11	11	10	8	6	7	6	7	8	8	9	8	7	7	7	7	8	10	11	13	15	17	17	19	20	20	20	21	23	26	26
	23	20	21	19	17	17	18	18	18	17	17	19	18	18	18	13	12	11	10	10	11	12	15	17	20	23	26	26	28	30	29	30	32	35	38	38
	S	S	S	S	S	S	S	S	SSE	S	S	S	S	S	S	S	S	S	S	S	SSE	S	S	S	S	SW										
Greens Bayou	12 23 S	13 21 S	13 21 S	12 19 S	11 17 S	11 18 S	11 18 S	10 19 S	8 18 SSE	6 17 S	7 17 S	7 19 S	7 18 S	8 18 S	8 18 S	9 13 S	8 12 S	7 11 S	7 10 S	7 10 S	7 11 SSE	8 12 SSE	10 14 SSE	11 17 SSE	13 20 SSE	15 22 SSE	17 25 SSE	17 26 SSE	19 28 SSE	19 29 SSE	19 29 SSE	20 30 S	21 32 S	23 34 S	25 38 S	25 38 SSW
Shell Crude	12	13	14	13	12	12	11	10	8	7	7	7	8	8	8	9	8	7	7	7	7	8	10	11	13	15	16	17	19	19	19	20	21	22	25	25
	23	21	21	19	18	18	18	19	18	17	17	19	18	18	19	13	12	11	11	11	11	12	14	17	19	22	25	26	28	29	29	30	32	34	37	37
	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	SSE	S	S	S	S	SSW										
Lynchburg Ferries	12 23 SSE	13 21 S	14 21 S	13 20 S	12 18 S	12 18 S	12 19 S	10 20 SSE	8 18 SSE	6 16 S	7 17 S	7 18 S	7 18 S	8 18 S	8 18 S	9 13 S	8 12 S	7 11 S	7 10 S	7 10 S	7 11 SSE	8 11 SSE	10 14 SSE	11 16 SSE	13 19 SSE	15 22 SSE	16 25 SSE	18 27 SSE	19 28 SSE	19 29 SSE	19 29 SSE	19 29 SSE	20 31 S	22 33 S	24 37 S	24 36 SSW
Exxon 3	12	12	13	13	12	12	11	10	8	6	7	7	7	8	8	9	8	7	7	7	7	8	10	11	13	15	16	18	18	19	19	19	20	22	23	23
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	SSE	S	S	S	SSE	SSE	SSE	SSE	SSE	SSE	S	S	S	S	S	S	S	S	S	S	SSE	S	S	S	S	SSW										
Morgans Point	12 23 SSE	12 22 SSE	12 21 SSE	12 20 SSE	12 19 SSE	12 20 SSE	12 19 SSE	11 20 SSE	8 17 SSE	6 15 SSE	7 16 SSE	7 16 SSE	8 17 S	9 17 S	8 17 S	9 12 S	8 11 S	8 10 S	8 10 S	8 10 S	8 11 SSE	9 11 SSE	10 13 SSE	12 15 SE	14 18 SSE	15 21 SSE	16 23 SSE	18 26 SSE	18 27 SSE	19 28 SSE	19 27 SSE	19 27 SSE	20 28 S	22 31 S	23 34 S	23 34 SSW
75/76	12	12	12	11	11	13	12	11	9	6	7	7	8	9	9	9	8	8	9	9	9	10	12	13	15	16	17	18	18	19	20	20	20	22	23	25
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	SSE	SSE	SSE	SSE	SSE	SSE	S	S	S	S	S	SSE	SSE	SSE	SSE	SE	SE	SSE	SE	SE	SSE	SSE	SSE	SSE	SSE	S	S	S	SSW							
63/64	13 23 SSE	12 22 SSE	12 22 SSE	11 20 SSE	11 18 SSE	12 19 SSE	11 18 SSE	11 17 SSE	9 16 SSE	7 15 SSE	7 15 SSE	8 16 SSE	8 15 S	10 15 S	9 16 S	9 11 S	8 10 S	8 10 S	9 10 S	9 10 SSE	10 11 SSE	11 12 SSE	12 13 SE	14 15 SE	15 18 SSE	16 20 SSE	18 22 SE	19 24 SSE	19 25 SSE	19 25 SSE	21 25 SSE	21 26 SSE	21 29 S	23 32 S	24 35	26 36 SSW
51/52	12	12	12	10	9	11	10	10	9	7	7	8	9	9	9	9	8	8	8	9	9	10	12	14	15	16	18	18	18	19	21	21	21	22	24	25
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	S	SSE	SSE	SSE	SSE	S	S	S	S	S	S	S	S	S	SSE	SSE	SE	SE	SE	SSE	SE	SE	SSE	SSE	SSE	SSE	S	S	S	S						
37/38	12	13	12	10	9	10	10	10	9	8	8	9	9	9	9	9	8	7	8	9	9	10	11	13	15	16	18	18	18	19	20	21	21	22	24	25
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	S	SSE	SSE	S	SSE	SSE	SSE	SSE	SSE	S	S	S	S	S	S	S	S	S	S	S	SSE	SSE	SE	SE	SE	SSE	SE	SSE	SSE	SSE	SSE	SSE	S	S	S	S
25/26	12	13	13	11	10	10	9	9	9	8	8	10	9	9	9	8	7	7	7	8	8	9	11	13	14	15	17	17	18	18	19	19	21	22	24	24
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	SSE	SSE	SSE	S	SSE	SSE	SSE	SSE	SSE	S	S	S	S	S	S	S	S	S	S	S	SSE	SSE	SSE	SE	SE	SE	SE	SSE	SSE	SSE	SSE	S	S	S	S	S
11/12	12	12	12	10	7	7	8	9	9	9	7	8	8	8	9	9	8	7	7	8	8	9	11	13	14	15	16	17	17	18	19	19	21	22	24	24
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	SSE	SSE	SSE	SSE	SE	SSE	SSE	SSE	SSE	SSE	SSE	S	S	S	S	S	S	S	S	SSE	SSE	SSE	SE	SE	SE	SE	SE	SE	SSE	SSE	SSE	S	S	S	S	S
1 & 2 Bravo	12	12	13	10	6	7	8	11	11	10	9	8	8	10	9	10	9	9	9	9	10	11	12	14	16	16	17	18	19	20	21	22	23	23	25	27
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	SSE	SSE	SSE	SSE	SE	SE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	S	S	S	S	S	SSE	SSE	SSE	SSE	SE	SSE	SSE	SSE	S	S	S	S						

## Houston Pilots: Wed. 3/1/2023





### **Forecast Discussion**

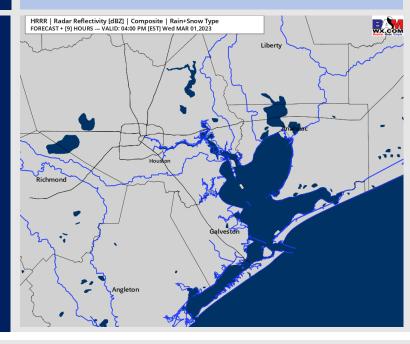
**Precip:** Favoring dry conditions throughout the rest of the evening.

Wind: Sustained winds out of the S - SSE at 10 – 15 kts and stay that way the rest of the day. Occasional gusts of 18 - 23 kts will be possible through the evening.

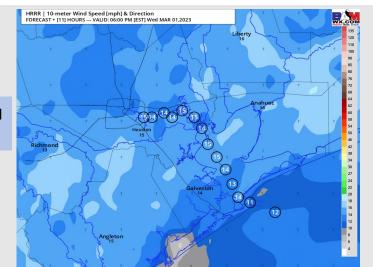
Temps: Low temperatures in the upper 60s F at the Boarding Station and in the low to near 70s F at all other stations.

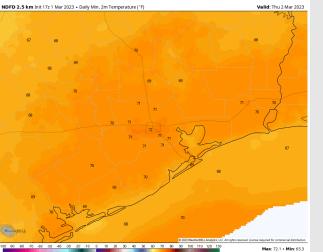
Visibility: Anticipating a fog risk to return after 7 PM that will continue into the early afternoon Thursday. Please view visibility slide for more details.

#### **Precip Forecast: 3 PM CT**



Wind Speed 5 PM CT





Low Temps Thursday AM

## Houston Pilots: Thu. 3/2/2023





### **Forecast Discussion**

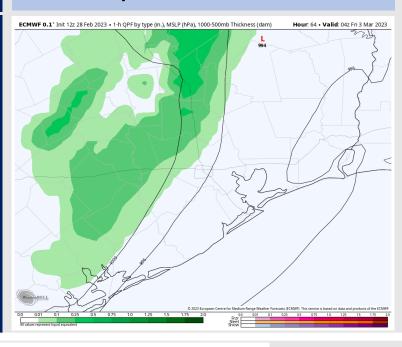
Precip: Favoring dry conditions for Thursday leading up until about 10 AM where light showers ahead of a cold front will allow for 20% chances. A strong cold front looks to push through the area around ~11 PM, and with it a brief period of moderate rain will be possible from 10 PM – Midnight.

Wind: Sustained winds will start from the SE during the AM hours and will then veer slowly to the S ahead of the cold front between 7 to 9 PM. Winds will then flip from the NW by Midnight. Winds will start out during the AM hours at 8-14 kts across all stations, increasing to 15-20 kts by 12 PM. From 6 PM -9 PM, winds south of 25/26 will increase even more to 22-27 kts. Wind gusts post 12 PM across all stations will range from 25-33 kts. As the cold front presses through, gusts of 35-40 kts will be possible across all stations from 9 PM - Midnight.

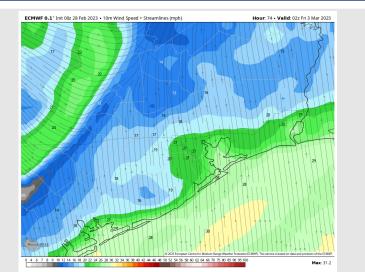
Temps: High temperatures Thursday will be near 80 F north of Morgan's Point and in the mid to lower 70s F south of Morgan's Point.

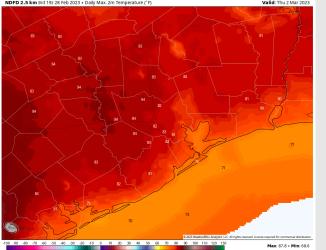
Visibility: Reduced visibilities from sea fog will be possible during the AM and early afternoon hours, especially ahead of the cold front with plentiful low-level moisture and southerly winds. After the cold front pushes through during the late evening, this will wipe out all fog threats for Friday AM.

#### **Precip Forecast: 10 PM CT**



Wind Speed 8 PM CT





High Temps Thursday

# Houston Pilots: Fri. 3/3/2023





### **Forecast Discussion**

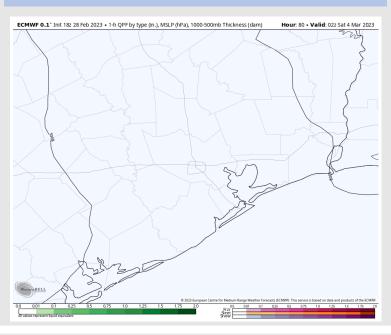
**Precip:** After the strong cold front pushes through the area by 2 AM, anticipating dry conditions for the rest of the day.

Wind: Sustained winds out of the W - NW all day. Winds will start out at 12 – 18 kts for all stations until 12 PM. Winds will gradually decrease across all stations to 4 – 10 kts by 5 PM and stay that way through the rest of the evening. Wind gusts of 35 – 40 kts will only last until 2 AM for the stations near the Boarding Station.

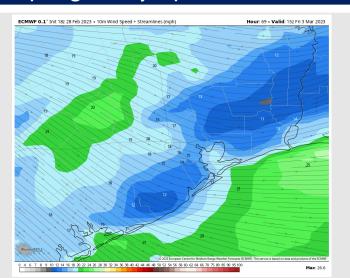
Temps: High temperatures Friday will be in the mid to upper 60s F for stations near the Boarding Station and mid to low 70s F for all other stations.

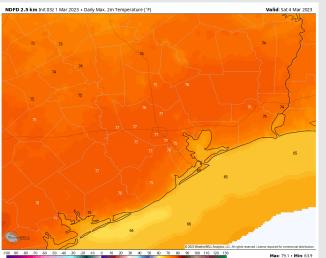
Visibility: Not anticipating visibility impacts at this time.

#### **Precip Forecast: 8 PM CT**



Wind Speed 9 AM CT



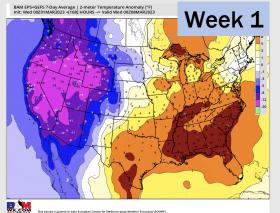


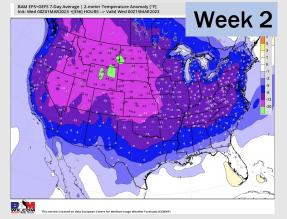
High Temps Friday

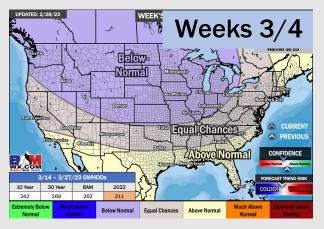
## Houston Pilots: 3/1/23

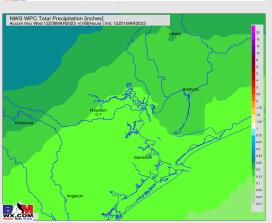


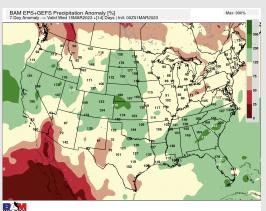


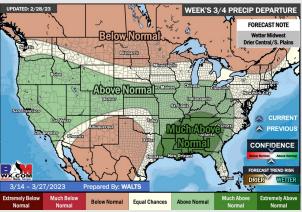












- Favoring the next shot of measurable rain to come late Thursday PM / early Friday AM pending the timing of a cold front with more chances mid next week. Temperatures are expected to be above average over the next seven days.
- Expecting near normal precipitation chances and below normal temperatures extending into the week
   2 timeframe.
- Anticipating above to much above normal chances for precipitation and above normal temperatures favored in the week <sup>3</sup>/<sub>4</sub> timeframe.