# **Houston Pilots Forecast Package**

Updated: 1:00 PM CT

Tuesday, January 24, 2023





# **Weather Headlines**

- Not favoring any fog concerns at this time. High confidence exists that fog will not be concern at least through Friday AM.
- High winds, heavy rain, and severe weather will all be possible throughout the day (with the main focus coming trough 6 PM timeframe as the "worst" conditions).
- Waves through Midnight look to be above 6 feet wave heights. The peak will be mid-late afternoon (3-8 PM) when heights of 8 10 feet will be possible.
- Today will be a very gusty day ahead of a cold front, where gusts could reach as high as 35 45 kts in the afternoon. Please see further details on each daily slide. Wednesday will also hold elevated wind gusts of around 20 25 kts. Thursday will hold calmer winds in the 5 15 kt range.
- Worth keeping eyes out on Wednesday Thursday for lower water levels over the bay from prolonged elevated NW winds.



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 Extended Range Visibility Report**





**Possible** 

**Possible** 

### Friday 1/27/23

Friday will hold light and variable winds, with a southeasterly wind favored by the afternoon. Low levels of the atmosphere look to be too dry to support sea fog.

### **Saturday 1/28/23**

SE winds will be possible in the 10 - 15 kt range making sea fog possible, however it will take some time for the low levels of the atmosphere to saturate.



#### **Above Below** Normal Normal

Confidence

#### **Sunday 1/28/23**

Southerly winds possible for Sunday as well, with winds across the bay in the 15 -20 kt range. Sea fog will be possible here as well, but winds could be a little on the strong side.

Confic	lence
Above	Below
Normal	Normal

### **Chance for Reduced Visibility**

Friday AM	Unlikely
Friday PM	Unlikely
Saturday AM	Unlikely
Saturday PM	Possible

**Sunday AM** 

**Sunday PM** 

# **Houston Pilots Visibility Report**





10pm

Below	
Normal	

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Time																																		Wed		
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		Tue 12pm																																		
610 Bridge	1	2	2	2	2	3	4	8	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	

												bov orm									Belo orm		
 Tue	Tue	Wed	Wed	W																			

Above Normal	Below Normal

Kinder 1

Greens

Bayou

**Shell Crude** 

Lynchburg

**Ferries** 

Exxon 3

Morgans

75/76

63/64

51/52

37/38

25/26

11/12

1 & 2 Bravo

# **Houston Pilots Wind Report**







Sustained wind 13 Knots

Gusts 18 Knots

Wind from the N

WS: 13 G:18 N

Example

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	17	23	15	14	13	11	14	13	12	11	10	10	10	11	12	18	17	16	15	13	13	12	12	11	11	10	11	10	11	11	10	10	8	7	6	6
	38	46	36	31	29	24	27	28	32	28	26	27	24	29	28	27	25	24	23	20	21	18	18	17	17	16	16	16	16	17	16	15	13	11	10	10
	ESE	SE	SSE	SSW	W	W	W	WNW	WNW	W	WNW	WNW	WNW	WNW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NNW	NNW	NNW	NNW	NNW
Kinder 1	18	23	15	15	13	11	14	13	13	11	11	10	10	11	12	17	16	16	15	13	13	12	12	11	11	10	11	10	11	11	10	10	8	7	6	6
	38	46	36	31	30	24	27	29	32	29	27	27	24	29	28	26	25	24	23	20	20	18	18	17	16	16	16	16	16	17	16	15	13	11	10	10
	ESE	SE	SSE	SSW	W	W	W	W	WNW	W	WNW	WNW	WNW	WNW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NNW	NNW	NNW	NNW
Greens Bayou	18 38 ESE	24 47 SE	15 35 SSE	15 31 SSW	13 31 W	12 24 W	14 28 W	14 29 W	13 32 WNW	11 30 W	11 28 WNW	10 27 WNW	11 25 WNW	11 29 WNW	12 28 NW	17 26 NW	16 25 NW	15 23 NW	15 22 NW	13 20 NW	13 19 NW	12 18 NW	12 18 NW	11 17 NW	11 16 NW	10 16 NW	11 16 NW	11 16 NW	10 16 NW	11 17 NW	10 16 NW	10 15 NW	8 13 NNW	7 11 NNW	6 10 NNW	6 9 NNW
Shell Crude	ESE	23 45 SE	17 38 SSE	15 32 S	13 31 WSW	12 26 W	15 28 W	14 29 W	13 32 WNW	11 30 W	11 28 WNW	10 26 WNW	10 25 WNW	11 29 WNW	12 29 NW	17 26 NW	16 24 NW	15 23 NW	15 22 NW	13 20 NW	13 19 NW	12 18 NW	12 18 NW	11 17 NW	11 16 NW	11 16 NW	11 16 NW	11 16 NW	10 16 NW	11 17 NW	10 16 NW	10 15 NW	9 13 NNW	7 11 NNW	7 10 NNW	6 10 NNW
Lynchburg Ferries	18 38 ESE	23 44 SE	19 39 SSE	15 34 S	12 28 W	12 26 W	15 28 W	14 29 W	14 32 WNW	12 31 W	11 29 WNW	10 26 WNW	10 24 WNW	11 29 WNW	12 29 NW	17 25 NW	16 24 NW	15 23 NW	15 22 NW	13 20 NW	13 19 NW	12 18 NW	12 18 NW	11 17 NW	11 16 NW	11 16 NW	11 16 NW	11 16 NW	11 16 NW	11 17 NW	11 15 NW	10 15 NW	8 12 NNW	7 11 NNW	7 10 NNW	6 9 NNW
Exxon 3	18	21	20	17	13	12	15	14	14	12	11	9	10	11	12	16	16	15	15	14	13	12	12	12	11	11	11	11	11	11	11	10	9	8	7	7
	36	43	36	35	27	27	28	29	33	31	28	25	25	28	29	24	23	23	22	20	19	18	18	17	16	16	16	16	16	16	15	15	13	11	10	10
	ESE	SE	SSE	S	WSW	W	W	W	WNW	W	WNW	WNW	WNW	WNW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NNW	NNW	NNW	NNW
Morgans Point	20 35 ESE	25 44 SE	20 34 SSE	19 37 S	16 33 WSW	14 27 W	14 28 W	16 30 W	16 34 WNW	15 33 WNW	13 28 WNW	11 25 WNW	12 27 WNW	13 29 WNW	13 29 WNW	17 23 NW	17 23 NW	16 22 NW	16 22 NW	15 20 NW	14 19 NW	14 18 NW	13 18 NW	12 17 NW	12 16 NW	11 15 NW	10 13 NNW	9 12 NNW	8 11 NNW	8 10 NNW						
75/76	24	32	23	18	19	18	15	20	20	21	18	16	16	18	16	20	19	19	19	18	17	16	16	14	14	13	13	14	13	14	14	13	13	12	10	10
	36	44	36	35	34	30	28	32	35	35	30	25	27	31	28	24	23	23	23	21	20	19	18	17	17	17	17	17	17	17	17	16	15	13	12	12
	ESE	SE	SSE	S	SW	W	W	W	WNW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NNW	NNW	NNW	NNW													
63/64	25	31	24	18	22	20	16	22	23	25	21	18	18	18	18	22	21	21	22	21	20	18	17	16	15	14	14	14	14	14	15	15	14	13	12	12
	36	41	35	34	37	32	28	33	36	37	32	27	28	31	26	24	24	23	24	23	22	20	19	18	17	17	17	17	17	17	17	16	16	15	13	13
	ESE	SE	SSE	S	SSW	W	W	W	WNW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NNW	NNW	NNW	NNW													
51/52	23	28	24	21	24	19	17	22	24	24	24	19	18	17	19	22	22	21	22	21	20	19	18	16	15	14	15	14	14	14	15	15	14	14	13	12
	34	37	33	36	38	32	28	34	37	38	36	28	28	28	26	25	24	24	24	23	22	21	20	18	18	17	17	17	16	16	17	16	16	15	14	14
	ESE	SE	SSE	S	SSW	WSW	W	W	WNW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NNW	NNW	NNW	NNW													
37/38	22	26	23	24	22	19	16	21	25	22	25	19	18	17	21	22	22	21	21	20	20	19	18	16	16	15	15	14	14	14	15	15	15	14	13	13
	32	36	33	37	37	32	28	34	38	38	39	29	29	28	29	25	24	24	24	23	22	21	20	18	18	17	17	17	16	16	16	16	16	15	15	14
	ESE	SE	SSE	S	SSW	WSW	W	W	WNW	WNW	WNW	WNW	WNW	WNW	NW	NW	NW	NW	NW	NW	NW	NW	NNW	NW	NNW	NNW	NNW	NNW								
25/26	22	25	21	24	24	22	14	20	25	21	25	19	17	18	22	21	20	20	20	19	18	17	17	16	15	14	14	14	13	13	14	14	14	13	12	12
	32	33	30	36	39	35	27	34	38	37	40	31	30	31	31	24	24	23	23	22	21	20	19	18	18	16	16	16	16	16	16	16	16	15	15	14
	ESE	SE	SSE	SSE	SSW	W	W	W	WNW	WNW	WNW	WNW	WNW	WNW	NW	NW	NW	NW	NW	NW	NW	NW	NNW	NW	NNW	NNW	NNW	NNW								
11/12	24 33 ESE	25 32 SE	23 34 SSE	23 34 S	29 40 S	24 37 WSW	15 27 W	19 34 W	24 39 WNW	20 35 WNW	24 41 WNW	20 34 WNW	18 32 WNW	20 33 WNW	20 31 NW	21 25 NW	21 24 NW	20 23 NW	19 23 NW	19 22 NW	18 21 NW	17 20 NW	17 19 NNW	16 18 NW	15 18 NW	14 16 NW	14 16 NW	14 16 NW	13 16 NW	13 16 NW	14 16 NW	14 16 NW	14 16 NNW	13 15 NNW	13 15 NNW	
1 & 2 Bravo	26	27	28	30	31	27	22	24	27	25	24	24	25	23	20	25	25	24	23	22	22	20	20	18	18	16	16	16	15	16	16	16	18	16	16	15
	36	35	36	39	41	36	34	35	38	37	39	38	37	32	27	27	27	26	25	24	23	22	22	20	20	18	17	17	16	17	18	18	19	18	17	16
	ESE	SE	SSE	S	SSW	SW	W	W	WNW	NW	NW	NW	NW	NW	NW	NNW	NNW	NW	NNW	NNW	NNW	NNW														

# Houston Pilots: Tue. 1/24/2023





### **Forecast Discussion**

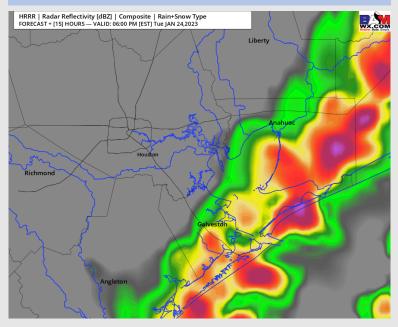
Precip: Currently, severe weather is situated just north of the stations, however this line will move south over the next few hours. The highest risk for severe weather will be present 2 - 5 PM where heavy rain, lightning, damaging winds, and isolated tornadoes will all be possible.

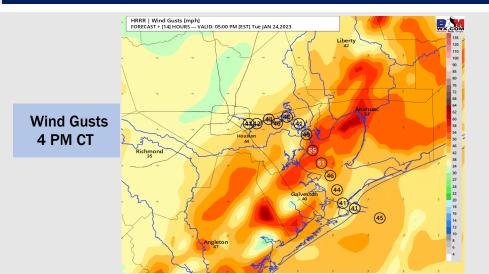
Wind: Highest winds come through 6 PM where winds currently from the ESE turn out of the S for a time, and then NW by 5-6 PM. Sustained winds at times will be 25 – 35 knots and gusts likely 35-45+ knots at the boarding station in the heaviest storms.

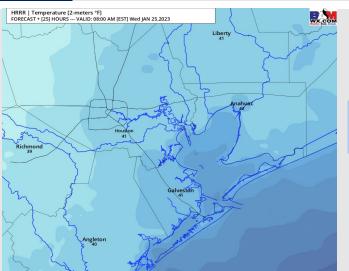
Temps: Low Temps bottom out in the lower 40s tonight/ tomorrow AM.

Visibility: Not anticipating a fog threat for visibility concerns, however heavy rain, especially during the 1 PM – 6 PM timeframe could reduce visibilities to less than 2 miles at times.

#### **Precip Forecast: 4 PM CT**







Low Temps this Evening

# Houston Pilots: Wed. 1/25/2023





#### **Forecast Discussion**

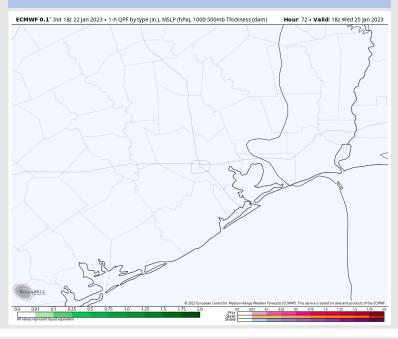
**Precip:** Anticipating dry conditions throughout the day.

Wind: Sustained winds will be from the NW for the entire day Wednesday. Winds N of Morgan's point will range from 10- 16 kts, and S of Morgan's Point will be more elevated at 14 – 19 kts. Gusts at the boarding station can reach 25-30 knots through the AM. After 5 PM winds N of Morgan's Point will calm to 5 – 10 kts and winds S of Morgan's point will be at 10 – 15 kts. A few pockets of up to 20 kts will be possible at the boarding station after 5 PM. Gusts after 5 PM likely sit 20-25 knots.

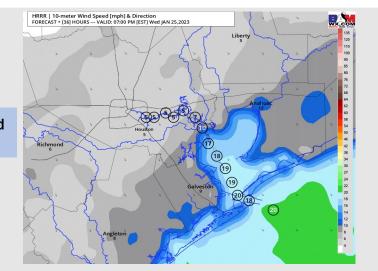
Temps: Much cooler behind the cold front. High temps Wednesday will be in the mid 50s F across all stations.

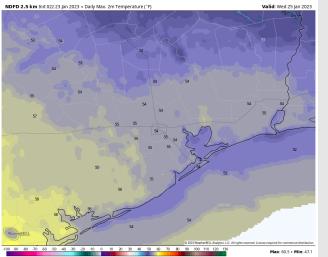
Visibility: Not favoring fog to be a concern at this time.

#### **Precip Forecast: 12 PM CT**



Wind Speed 6 PM CT





High Temps Wednesday

# Houston Pilots: Thur. 1/26/2023





### **Forecast Discussion**

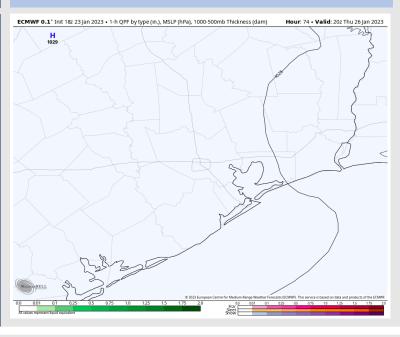
**Precip:** High pressure will continue to build into the area Thursday, yielding dry conditions.

Wind: Sustained winds will be from the NNW on Thursday. Winds N of Morgan's point will be 4 – 9 kts and S of Morgan's Point will be slightly elevated at 7 – 12 kts. A few pockets of up to 15-kt winds will be possible at the Boarding Station between 5 – 9 AM.

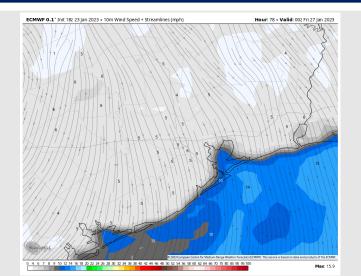
Temps: High temperatures will be in the mid to lower 50s F across all stations.

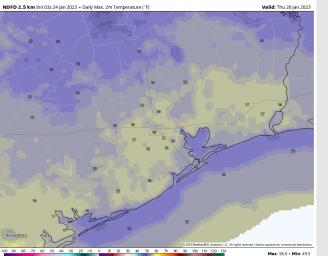
Visibility: Not anticipating any visibility concerns at this time.

#### **Precip Forecast: 2 PM CT**



Wind Speed 6 PM CT



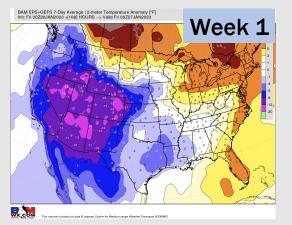


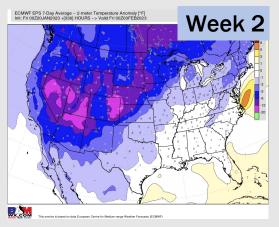
High Temps Thursday

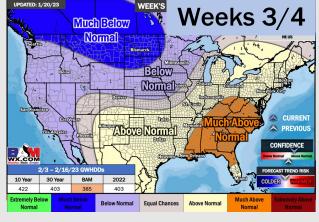
# **Houston Pilots: 1/24/23**

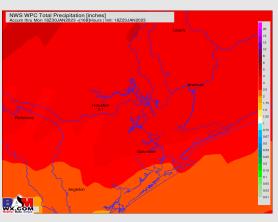


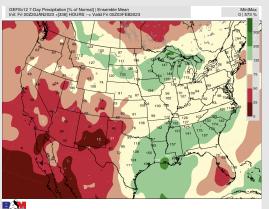


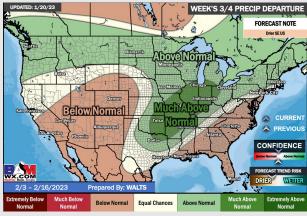












- After rain chances today, the next rain chances come Saturday. Temps will be below normal.
- Above normal precipitation and near normal temperatures are expected for the 2 week timeframe.
- Near normal precipitation chances and above normal temperatures expected in the weeks <sup>3</sup>/<sub>4</sub> timeframe.