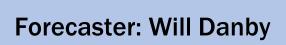
# **Houston Pilots Forecast Package**

Updated: 2:30 PM CT

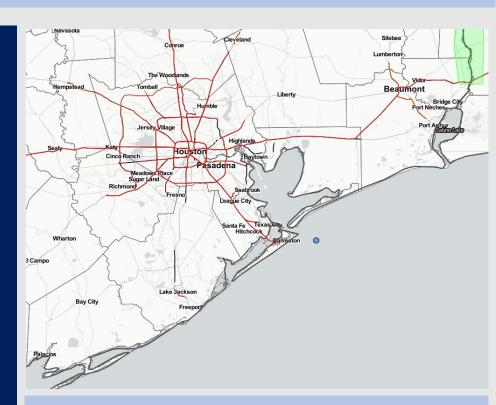
Monday, February 27, 2023





### **Weather Headlines**

- Fog will begin to roll back into stations during the evening hours. Daily fog chances will be on the table through Thursday before a strong cold front works through and wipes fog chances out by Friday.
- Isolated shower chances on the order of <20% are expected throughout the week.</p>
- Highest risk of seeing waves at/just above 6 feet comes Thursday afternoon into the early Friday AM hours. This will because of strong SE winds.
- The upcoming weekend looks rather quiet.



Radar/NWS Alerts: 2:18 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**

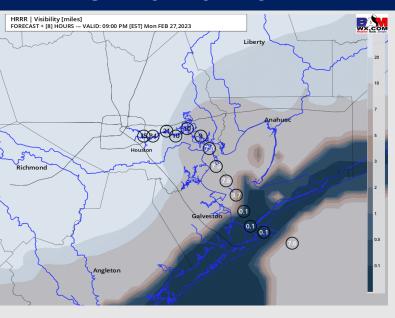


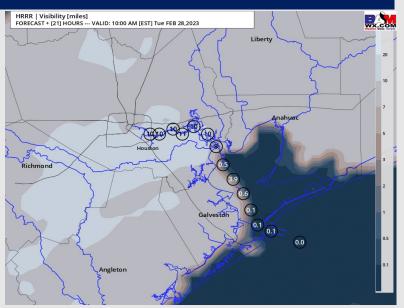


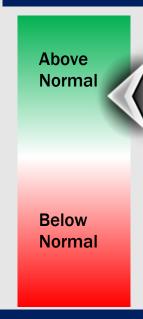
#### **8 PM CT MON VISIBILITY**

#### 9 AM CT TUE VISIBILITY

### Confidence







TIMEFRAME DISCUSSED

9 PM MON - 12 PM TUE

Medium -High

**THREAT** 

- With a stalling cold front sitting just off the coast, plentiful low-level moisture will be available this evening. Currently eyeing fog development to happen first at the boarding station in the 8 10 PM hours tonight before spreading northward. Fog risks may begin as early as 7 PM towards the Boarding Station.
- Fog then will then be possible at all locations by ~Midnight to 2 AM, with the highest threat of dense fog (<2 miles) coming at the boarding station. This threat likely continues through the overnight and through the early AM Tuesday.
- Fog then likely starts to lift in the 7 9 AM North of Morgan's Point, with a gradual lift of fog from the 10 AM Noon timeframe Tuesday for stations south.
- The station most at risk of seeing patchy fog continuing into the early PM would be boarding station, however lower confidence exists on that. It is likely a low cloud deck will remain over the area keeping visibilities in the 4 6 mile range from 12 5 PM.

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





### **Thursday 3/2/23**

Winds could be from the S/SSE Thursday AM before a cold front comes through and flips the winds from the NW late in the evening. Timing will determine PM fog threat.



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

Fog is not likely on Saturday as drier air will still be around from the front that passed late Thu/ very early Friday.

Confide	ence
Above	Below
Normal	Normal

### Friday 3/3/23

Rather strong northwesterly winds on Friday will make fog threats highly unlikely.



### **Chance for Reduced Visibility**

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

# **Houston Pilots Visibility Report**





### Confidence



Below Normal

Refer to the slides above for the official BAM forecast. The chart is generalized and is likely not perfect.

Time		Mon 2pm																											Tue 5pm			Tue 8pm		Tue 10pm 1		
610 Bridge	10	10	10	10	10	10	10	10	10	9	6	5	3	1	2	0.29	0.35	0.24	0.24	0.24	1	3	6	9	9	9	9	10	10	10	10	7	6	6	5	4
Kinder 1	10	10	10	10	10	10	10	10	10	9	6	5	3	1	2	0.29	0.36	0.24	0.24	0.24	1	4	6	9	9	10	9	10	10	10	10	7	7	6	6	5
Greens Bayou	10	10	10	10	10	10	10	10	10	9	6	5	3	0.77	2	0.29	0.43	0.24	0.24	0.24	1	4	7	9	10	10	10	10	10	10	10	8	8	7	7	7
Shell Crude	10	10	10	10	10	10	10	10	10	9	6	5	3	0.77	2	0.29	0.43	0.24	0.24	0.24	1	4	9	10	10	10	10	10	10	10	10	8	8	8	8	8
Lynchburg Ferries	10	10	10	10	10	10	10	10	10	9	6	5	3	0.77	2	0.29	0.43	0.24	0.24	0.24	1	4	9	10	10	10	10	10	10	10	10	8	8	8	8	8
Exxon 3	10	10	10	10	10	10	10	10	10	9	6	5	0.53	0.77	2	0.29	0.43	0.24	0.24	0.24	1	4	9	10	10	10	10	10	10	10	10	8	8	8	8	8
Morgans Point	10	10	10	10	10	10	10	10	10	9	6	1	0.5	0.77	0.44	0.29	0.43	0.24	0.24	0.24	1	4	9	10	10	10	10	10	10	10	10	8	8	8	8	8
75/76	10	10	10	10	10	10	10	10	10	9	6	0.29	0.29	0.77	0.29	0.29	0.32	0.24	0.24	0.24	3	4	9	10	10	10	10	10	10	10	10	8	8	8	8	8
63/64	10	10	10	10	10	10	10	10	10	6	0.53	0.77	0.29	0.46	0.29	0.29	0.24	0.24	0.24	0.22	3	4	9	10	10	10	10	10	10	10	10	8	8	8	8	8
51/52	10	10	10	10	10	10	10	9	8	3	0.53	0.77	0.29	0.29	0.29	0.29	0.24	0.24	0.24	0.34	3	5	9	10	10	10	10	10	9	9	8	8	8	8	8	8
37/38	9	10	10	10	10	10	10	7	5	2	0.53	0.77	0.29	0.29	0.29	0.29	0.24	0.24	0.24	0.37	3	5	7	9	10	10	10	9	8	7	7	8	8	8	8	8
25/26	7	9	8	9	10	10	10	6	3	0.53	0.53	0.29	0.29	0.29	0.29	0.29	0.24	0.24	0.24	0.48	1	6	9	9	10	9	9	9	7	6	7	8	8	8	8	8
11/12	6	7	6	8	8	7	6	4	3	1	0.53	0.29	0.29	0.29	0.29	0.29	0.24	0.24	0.24	0.37	1	5	7	8	9	9	8	7	6	5	7	8	8	8	8	8
1 & 2 Bravo	6	6	6	6	6	6	4	4	4	3	0.74	0.29	0.29	0.29	0.29	0.29	0.22	0.22	0.22	0.24	1	2	4	4	6	6	5	5	4	8	7	8	8	8	8	8

# **Houston Pilots Wind Report**





N



Example **Sustained wind 13 Knots** WS: 13 **Gusts 18 Knots** G:18 Wind from the N

Time Knots	Mon 1pm	Mon 2pm		Mon 4pm	Mon 5pm	Mon 6pm				Mon 10pm					Tue 3am		Tue 5am		Tue 7am					Tue 12pm				Tue 4pm	Tue 5pm		Tue 7pm	Tue 8pm		Tue 10pm	Tue 11pm	
610 Bridge	6	5	5	5	5	3	3	4	3	4	4	4	4	5	4	4	4	4	4	4	5	5	5	5	6	7	8	10	11	11	10	10	10	10	10	11
	11	11	11	14	9	6	5	6	6	6	11	11	9	10	9	6	6	7	6	6	7	7	7	7	8	10	10	12	13	15	14	14	15	16	16	16
	NW	WNW	W	W	W	WNW	NW	W	W	SSW	SSW	SSW	SSW	S	S	SSW	SSW	SSW	SW	SW	SW	SW	SSW	SSW	S	S	S	S	S	S	S	S	S	S	S	S
Kinder 1	7	5	6	5	5	3	3	3	3	4	4	4	4	5	4	4	4	4	4	4	5	4	5	5	6	7	8	10	11	11	10	9	10	10	10	11
	10	11	11	13	8	6	5	5	5	6	12	11	9	9	8	6	6	7	6	6	7	7	7	7	8	10	10	12	13	15	14	14	15	16	15	16
	NW	WNW	W	W	W	WNW	NW	W	W	SSW	SSW	SSW	SSW	S	S	SSW	SSW	SSW	SW	SW	SW	SW	SSW	SSW	S	S	SSE	SSE	SSE	S	S	S	S	S	S	S
Greens Bayou	7 10	5 11 WNW	6 12 W	6 13 W	5 8 W	3 6 WNW	3 5 W	2 3 SW	2 4 WSW	3 6 S	4 12 SSW	4 11 SSW	4 9 SSW	5 9 S	4 8 S	4 6 SSW	4 6 SSW	4 7 SSW	4 6 SW	4 6 SW	5 7 SW	4 7 SW	5 7 SSW	5 7 SSW	6 8 S	7 10 S	9 10 SSE	10 12 SSE	11 14 SSE	11 15 SSE	10 14 S	9 14 S	9 14 SSE	10 15 S	10 15 S	10 16 S
Shell Crude	7	6 11 WNW	6 12 W	6 11 W	5 7 W	3 6 WNW	3 4 SSW	2 3 SSW	3 4 WSW	4 8 SSW	5 12 SSW	4 10 SSW	4 8 SSW	5 9 S	4 8 S	4 6 SSW	4 6 SSW	4 7 SSW	4 6 SW	4 6 SW	5 7 SW	4 7 SW	5 7 SSW	5 7 S	6 8 S	8 10 SSE	9 11 SSE	11 12 SSE	12 14 SSE	11 15 SSE	10 15 S	9 14 S	9 14 SSE	10 15 S	10 14 S	10 15 S
Lynchburg Ferries	7 10 NW	6 10 WNW	6 11 W	6 10 W	5 8 W	3 6 W	3 5 S	2 4 SSE	2 4 WSW	4 8 SSW	5 12 SSW	4 11 SSW	4 8 SSW	5 9 S	4 8 S	4 6 SSW	4 6 SSW	4 7 SSW	4 6 SW	4 6 SW	5 7 SW	4 7 SW	5 7 SSW	5 7 S	6 8 S	8 10 SSE	10 11 SSE	11 13 SSE	12 14 SSE	12 15 SSE	11 15 SSE	10 14 SSE	10 14 SSE	10 15 SSE	10 14 S	10 15 S
Exxon 3	8	6	6	6	4	3	2	3	3	4	5	4	4	4	4	4	4	4	4	4	5	4	5	5	7	8	10	11	12	12	11	10	9	9	10	9
	11	10	11	9	7	6	6	6	8	11	12	10	8	8	8	7	6	7	6	6	7	7	7	8	8	10	12	13	15	16	15	14	13	14	14	14
	NW	WNW	W	W	WSW	SSW	ESE	SSE	SW	SSW	SW	SSW	SSW	S	S	SSW	SSW	SSW	SW	SW	SW	SW	SSW	S	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	S	S
Morgans Point	9 12 NW	6 9 WNW	5 10 W	4 8 WSW	5 7 SSW	5 7 SE	3 6 ESE	4 9 SSE	5 11 SSW	6 12 SW	5 11 SW	4 9 SW	4 8 SSW	4 8 SSW	4 8 S	5 6 SSW	5 6 SSW	5 7 SW	5 6 SW	5 7 SW	5 7 SW	5 7 SSW	5 7 S	5 8 SSE	7 9 SSE	9 11 SSE	11 13 SSE	13 14 SSE	13 15 SSE	13 16 SSE	11 15 SSE	11 14 SSE	10 12 SSE	10 13 SSE	10 13 S	9 13 S
75/76	9	7	4	3	7	7	6	7	8	7	6	5	5	5	5	5	5	6	5	6	5	5	5	6	8	10	13	14	15	14	13	12	10	10	11	10
	12	10	9	7	9	9	9	12	13	11	9	9	8	8	8	6	7	7	6	7	7	7	7	8	10	12	14	15	16	16	15	14	12	12	12	12
	NW	WNW	WNW	S	SE	SE	SSE	SSW	SSW	SW	SW	SW	SSW	SSW	S	SSW	SSW	SW	SW	SW	SW	SSW	S	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	S	S
63/64	11	8	4	3	8	8	9	9	9	8	6	5	5	5	6	5	5	6	6	6	5	5	5	6	8	10	13	13	14	14	13	12	10	10	11	10
	14	11	9	7	9	9	12	12	13	11	10	9	9	8	9	6	6	7	6	7	6	7	7	8	10	13	14	15	16	15	14	13	11	12	12	11
	WNW	NW	WNW	SSE	SE	SSE	S	SSW	SSW	SSW	SW	SW	SSW	SSW	S	SSW	SSW	SSW	SW	SW	SW	SSW	S	S	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	S	S
51/52	11	7	4	4	7	9	10	10	10	9	9	8	7	7	7	5	5	5	5	5	4	5	5	6	8	10	12	12	13	13	11	10	10	10	10	10
	15	11	8	6	8	10	14	14	13	13	12	11	10	10	10	6	6	7	7	7	6	7	7	9	11	13	14	14	14	14	13	12	11	11	11	12
	W	NW	WSW	SE	SSE	S	SSW	SSW	SSW	SSW	SW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SW	SW	SW	SSW	S	S	SSE	SSE	SSE	S	S	SSE	SSE	SSE	SSE	SSE	S	SSE
37/38	11	7	4	4	7	9	10	10	11	10	10	9	8	8	8	5	5	5	5	5	5	5	6	6	8	10	11	11	11	11	10	9	9	10	10	10
	16	10	7	5	8	11	15	15	15	15	14	13	12	12	11	6	6	7	7	7	7	7	8	9	11	12	13	13	13	12	11	11	10	11	11	12
	SW	W	SSW	S	S	S	SSW	SSW	SSW	SSW	SW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SW	SW	SSW	SSW	SSW	S	S	S	S	S	S	SSE	SSE	SSE	SSE	SSE	S	SSE
25/26	12	8	7	5	7	9	9	10	10	10	9	8	8	7	7	5	5	5	5	5	5	6	6	6	8	9	10	10	10	9	9	8	8	9	9	9
	18	12	9	7	8	12	14	14	14	14	14	13	12	11	10	6	6	7	7	8	7	7	8	9	10	11	12	12	11	11	11	10	11	12	12	12
	SW	SW	SW	SW	SSW	SSW	SSW	SSW	SSW	SSW	SW	SW	SW	SSW	SSW	SSW	SSW	SW	SW	SW	SW	SSW	SSW	S	S	S	S	S	S	SSE	SSE	SSE	SSE	SSE	SSE	S
11/12	12	11	9	8	8	9	9	9	10	9	9	8	8	7	6	5	5	5	6	5	5	6	6	6	8	8	9	9	9	9	9	9	9	9	9	9
	19	16	14	11	11	14	15	14	14	13	13	12	12	11	10	7	7	7	8	8	7	7	8	8	9	11	11	11	10	10	11	11	11	12	12	12
	SW	SW	SW	SW	SSW	SSW	SSW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SSW	SW	SW	SW	SSW	SSW	S	S	S	S	S	SSE	SSE						
1 & 2 Bravo	13	14 21 SW	11 19 SW	11 19 SW	11 17 SSW	11 17 SSW	11 17 SSW	11 16 SW	11 16 SW	11 16 SW	10 15 SW	9 13 SW	9 13 SW	8 13 SW	6 12 SW	6 7 SW	6 7 SW	6 8 SSW	7 9 SSW	6 8 SW	5 8 SW	6 9 SSW	6 8 SSW	6 8 S	7 9 S	8 10 S	9 10 S	10 10 SSE	10 11 SSE	10 11 SSE	10 11 SSE	10 11 SSE	10 12	11 13 SSE	11 13 SSE	11 13

# Houston Pilots: Mon. 2/27/2023





### **Forecast Discussion**

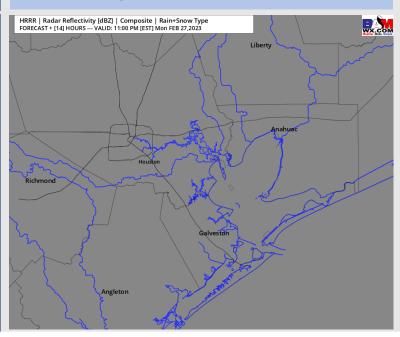
Precip: A 20% chance for lingering showers will be possible until ~4 PM. After 4 PM favoring dry conditions.

Wind: Sustained winds during the evening hours will be from the southwest. Winds north of Morgan's Point will be 3 – 7 kts and south of Morgan's Point will be 5 – 10 kts.

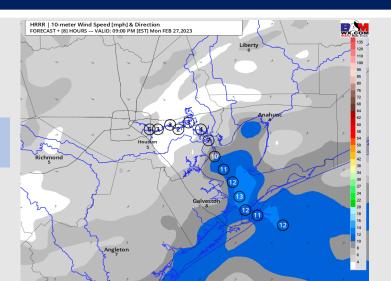
Temps: Low temperatures Tuesday morning will be near 60 F north of Morgan's Point and In the mid to lower 60s F south of Morgan's Point.

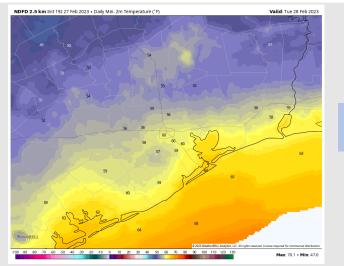
Visibility: View visibility slides above as there will still be a risk for fog overnight tonight.

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



Wind Speed 8 PM CT





Low Temps Tuesday AM

## Houston Pilots: Tue. 2/28/2023





### **Forecast Discussion**

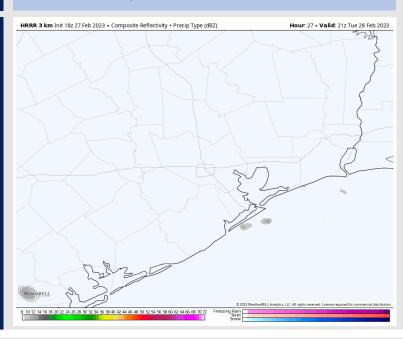
**Precip:** Favoring mostly dry conditions with a 20% chance for an isolated light shower during the late AM early PM hours.

Wind: Light winds on Tuesday will be from the SSW during the morning and early afternoon. Winds will shift more from the SSE during the mid afternoon. Winds will range from 5 – 10 kts up until 4 PM, where they will increase to 9 – 15 kts.

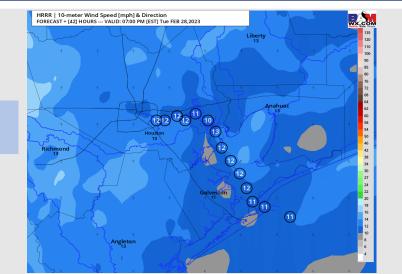
Temps: High temperatures Tuesday will be in the upper 70s F north of Morgan's Point and in the mid 60s F to near 70 F south of Morgan's Point.

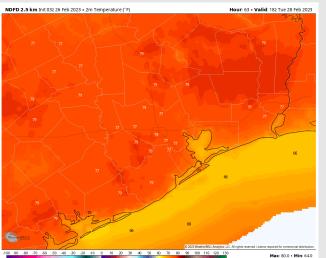
Visibility: See visibility slides above for latest thinking on Tuesday's fog threats.

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



Wind Speed 6 PM CT





High Temps Tuesday

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





### **Forecast Discussion**

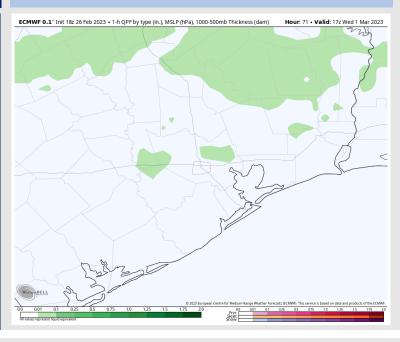
**Precip:** Favoring dry conditions throughout the day Wednesday. An isolated 20% chance for a light isolated shower between 10 AM – 2 PM, anticipating the better rain chances to remain N. of HOU Metro.

Wind: Sustained winds out of the S - SSE all day. Winds north of Morgan's Point will be at 6 – 10 kts until 9 AM where winds increase to 10 – 15 kts and stay that way the rest of the day. Winds south of Morgan's Point will be at 10 – 16 kts throughout the day with gusts 18 - 22 kts.

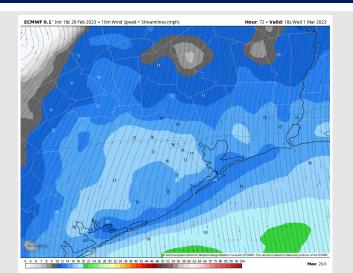
Temps: High temperatures Wednesday in the 70s F for stations south of Morgan's Point. Stations north of Morgan's Point in the near 80s F.

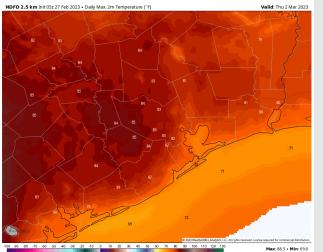
Visibility: Patchy sea fog will once again be possible (biggest threats coming in the early-mid AM hours & after sundown). Slightly elevated winds during the day likely limit the threat for the late AM – mid PM hours.

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



Wind Speed 12 PM CT



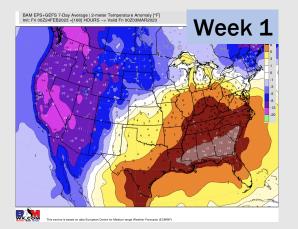


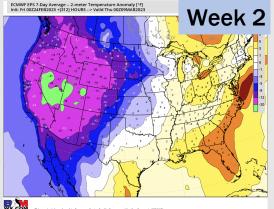
High Temps Wednesday

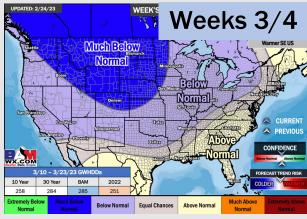
## **Houston Pilots: 2/27/23**

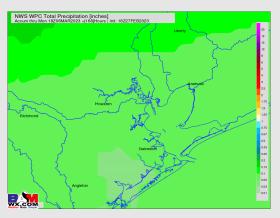


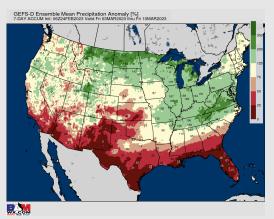


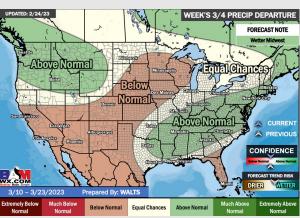












- Isolated / low end shower chances will be possible the next several days with a front stalled/hanging around the area. Best chances for precip will come Thursday PM/ Friday AM pending the timing of a cold front. Temperatures are expected to be well above average over the next seven days.
- Expecting below normal precipitation chances and above normal temperatures extending into the week
  2 timeframe.
- Anticipating equal chances for precipitation and above normal temperatures favored in the week ¾ timeframe.