# **Houston Pilots Forecast Package**

Updated: 5:00 AM CT

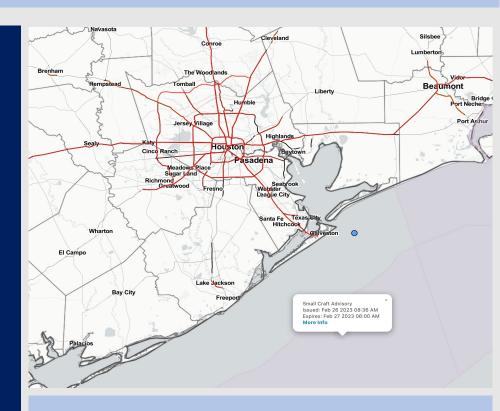
Monday, February 27, 2023

**Forecaster: Vince Bryan** 



### **Weather Headlines**

- Even with a weak front trying to pass the area today (around noon), daily fog chances will continue through Thursday PM 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: 1:30 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**

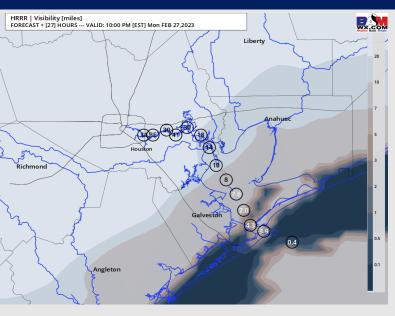


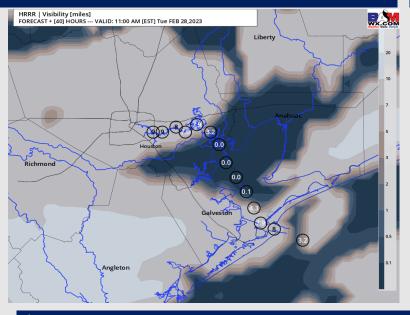


#### 9 PM CT MON VISIBILITY

#### **10 AM CT TUE VISIBILITY**









- TIMEFRAME THREAT
  DISCUSSED

  9 PM MON 12 PM TUE Medium -
  - Medium -High

- The cold front working through today will stall as it reaches the coast, allowing for the fog threat to continue tonight. Currently eyeing fog development to happen first at the boarding station in the 8-10 PM hours tonight before spreading northward.
- Fog then will then be possible at all locations by ~Midnight to 2 PM, 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 8-10 AM North of Morgan's Point, with a gradual lift of fog through the 10AM 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.

### **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

Above Normal

Below Normal

Time									Mon 10am																Tue 2am	Tue 3am	Tue 4am	Tue 5am	Tue 6am	Tue 7am	Tue 8am	Tue 9am	Tue 10am	Tue 11am	Tue 12pm	
610 Bridge	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	9	6	4	4	0.48	0.24	0.24	0.24	0.24	2	6	7	10	10
Kinder 1	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	9	6	4	4	0.48	0.24	0.24	0.24	0.24	2	6	8	10	10
Greens Bayou	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	9	6	5	4	0.48	0.24	0.24	0.24	0.24	2	5	8	10	10
Shell Crude	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	9	6	4	4	0.48	0.24	0.24	0.24	0.24	2	5	8	10	10
Lynchburg Ferries	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	9	6	5	4	0.48	0.24	0.24	0.24	0.24	2	6	8	10	10
Exxon 3	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	9	6	4	4	0.24	0.24	0.24	0.24	0.24	2	5	8	10	10
Morgans Point	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	9	6	4	3	0.24	0.24	0.24	0.24	0.24	2	5	8	10	10
75/76	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	9	6	4	0.48	0.24	0.24	0.24	0.24	0.24	2	5	8	10	10
63/64	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	9	6	4	0.48	0.24	0.24	0.24	0.24	0.24	2	5	8	10	10
51/52	10	10	9	9	10	8	8	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	9	4	0.48	0.24	0.24	0.24	0.24	0.24	0.24	2	4	8	10	10
37/38	5	7	6	6	8	6	5	9	10	10	10	10	10	10	10	10	10	10	10	10	10	8	6	3	0.48	0.24	0.24	0.24	0.24	0.24	0.16	1	4	6	7	7
25/26	5	4	5	6	6	5	5	6	9	10	10	10	10	10	10	10	10	10	10	10	8	8	6	3	0.47	0.24	0.24	0.24	0.24	0.24	0.16	1	3	6	7	8
11/12	4	4	4	5	6	4	4	5	9	10	10	10	10	10	10	10	10	10	10	9	8	8	7	1	0.24	0.24	0.24	0.24	0.24	0.24	0.16	1	3	5	6	6
1 & 2 Bravo	4	4	4	4	5	4	4	5	7	8	10	10	10	10	10	10	10	9	8	7	8	8	7	0.58	0.18	0.18	0.18	0.18	0.22	0.22	0.16	1	2	3	4	4

# **Houston Pilots Wind Report**







Sustained wind 13 Knots

Gusts 18 Knots

Wind from the N

WS: 13
G:18
N

																								Tue				Tue		Tue			Tue
2am	3am	4am	5am	6am	7am	8am	9am	10am	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
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29	30	29	24	19	20	21	19	13	14	13	11	13	11	10	9	8	6	4	3	4	4	6	6	7	7	6	6	6	5	6	7	7	8
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29	30	29	25	19	20	22	19	13	14	13	11	13	11	10	9	8	6	4	3	4	4	6	6	7	7	6	6	6	5	6	7	7	8
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30 CCW	28 CCW	26 SSW	22 SW	21 SW	16 Wew	18 SW	20 SW	15 W	14	12	11 W	10	11 W	10 W	9	8	6	b wew	4 CW	5 CW	5 CCW	5 ccw	6 CCW	6	6	6 CCW	6	ccw/	6 CCW	CCW	cew/	ccw/	8
SSW 13	SSW 11	10	3W	6 6	WSW	6	8 8	W 8	NW 5	WNW	VV	5	5 T	- W	W 8	7	6	WSW	SW	3W ∕1	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	33W	55W	55W	55W	6
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12	13 24	12	9	5	12	11	10	9	8 14	13	4 10	3 6	4	6 7	9	8	7 8	6 7	5 6	6	5	6	5 5	5 5	4 5	4	4 5	5	6	5	5	5	6
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	SSW	SSW	SW	W	SW	SW	SW	SW	SW	W	SE	SSE	SSE	SSE	SSW	SSW	SW	sw	SW	SSW	SSW	SSW	SSW	SW	ssw	ssw	SSW						
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25	26	23	20 SSW	15 WSW	12 wew	13 SSW	17 SSW	20 SW	20 SW	20 SW	WNW	4 CCW	0 0	8 eew	12 SW	12 eew	12 SW	11 ew	11 SW	10 SW	SW	9 SW	8 ew	8 8w	SW.	cw/	•	•	8 8	811	814	8 eew	SCM.
S	SSW	55W	55W	WSW	WSW	55W	55W	5W	5W	SW	WNW	55W	55W	55W	SW	SSW	SW	SW	SW	SW	SW	SSW	SW	SW	SW	SSW	35W						

# Houston Pilots: Mon. 2/27/2023





### **Forecast Discussion**

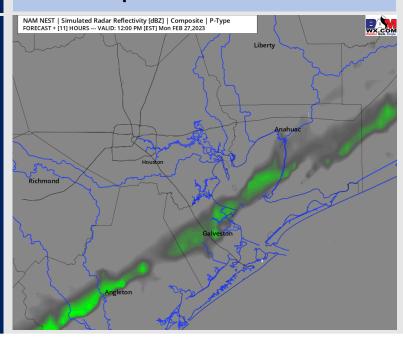
Precip: A weak front passing through the area will bring ~20-30% rain chances through 12 PM. Any pockets of precip will be rather light given the lack of moisture with this front. After 12 PM anticipating dry conditions.

Wind: Sustained winds will continue from the SW this AM at the boarding station, slowly weakening from the current ~13-18 knots. Between 11 AM – 2 PM, a weak front passes through and turns winds briefly out of the NW. With the front, winds will be 8-13 knots sustained with gusts 13-18 knots possible. Winds by 4 PM return out of the SW at the boarding station to 10-15 knots the rest of the PM/ evening.

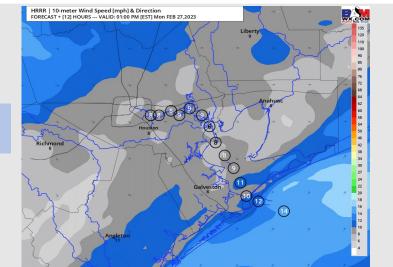
Temps: High temperatures today will be near 80 F north of Moran's Point and in the mid to upper 70s F south of Morgan's Point. Temperatures near the Boarding Station will be in the upper 60s F.

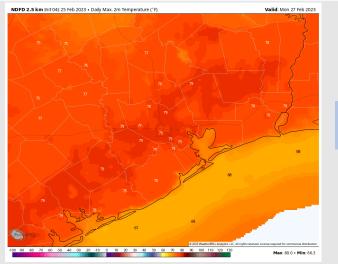
Visibility: View visibility slides above as there will still be a risk for fog overnight tonight.

#### **Precip Forecast: 11 AM CT**



Wind Speed 1 PM CT





High Temps Today

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





### **Forecast Discussion**

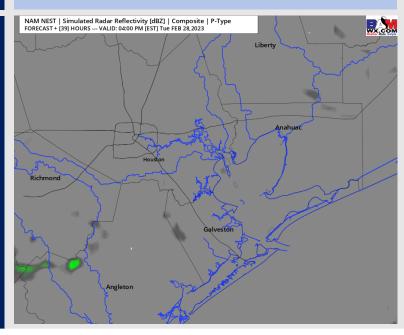
**Precip:** Favoring mostly dry conditions with a 10% chance for an isolated light shower during the late AM early PM hours.

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 10 – 15 kts.

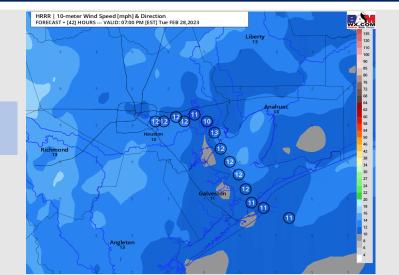
Temps: High temperatures Tuesday will be in the upper 70s F north of Morgan's Point and in the mid 60s F to near 70 F south of Morgan's Point.

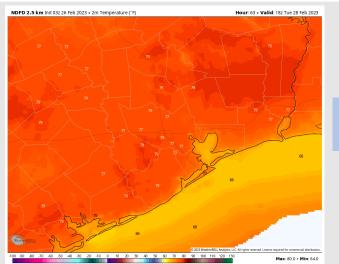
Visibility: See visibility slides above for latest thinking on Tuesday's fog threats.

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









High Temps Tuesday

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





### **Forecast Discussion**

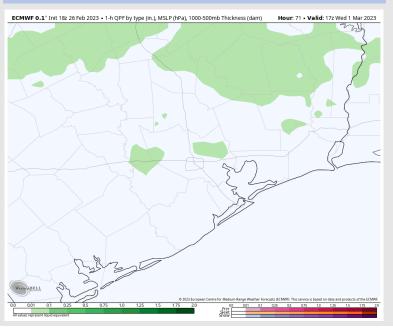
**Precip:** Favoring dry conditions throughout the day Wednesday. An isolated 20% chance for a light isolated shower between 10 AM – 2 PM, anticipating the better rain chances to remain N. of HOU Metro.

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 – 15 kts throughout the day with gusts 15-20 knots.

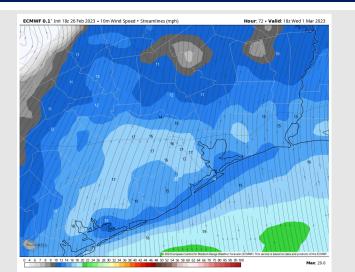
Temps: High temperatures Wednesday in the 70s F for stations south of Morgan's Point. Stations north of Morgan's Point in the near 80s F.

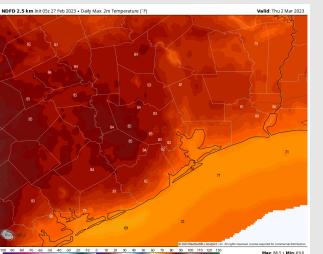
Visibility: Patchy sea fog will once again be possible (biggest threats coming in the early-mid AM hours & after sundown). Slightly elevated winds during the day likely limit the threat for the late AM – mid PM hours.

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



Wind Speed 12 PM CT



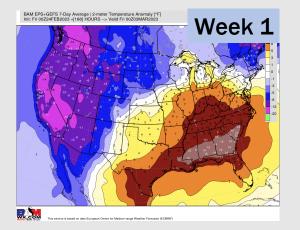


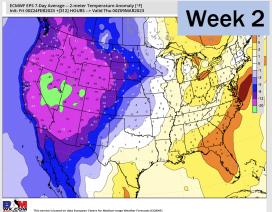
High Temps Wednesday

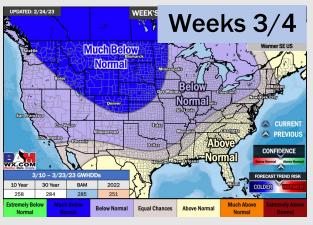
## **Houston Pilots: 2/27/23**

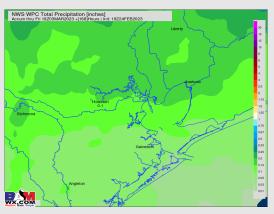


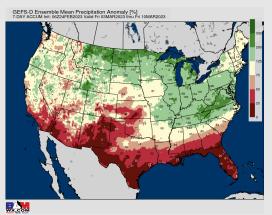


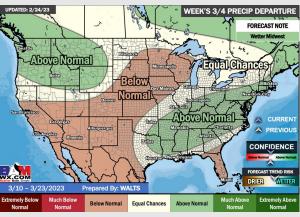












- Isolated / low end shower chances will be possible the next several days with a front stalled/hanging around the area. Best chances for precip will come Thursday PM/ Friday AM pending the timing of a cold front. Temperatures are expected to be well above average over the next seven days.
- Expecting 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.