# **Houston Pilots Forecast Package**

Updated: 2:20 PM CT

Sunday, January 29, 2023

Forecaster: Alyssa McClung



### **Weather Headlines**

- Fog chances will be possible through the evening. Front passing through the overnight will reduce fog risk into Monday, however stalled front in the Gulf could allow for sea fog to creep back in towards the Shoreline late Mon Tuesday. (View visibility slide)
- Scattered showers/storm chances expected to continue over the next few days.
- Favoring the next three days to hold winds in the 5
   15 kt range, with a few gusts of 20 kts possible at the Boarding Station through the evening.



Radar/NWS Alerts: 2:20 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**

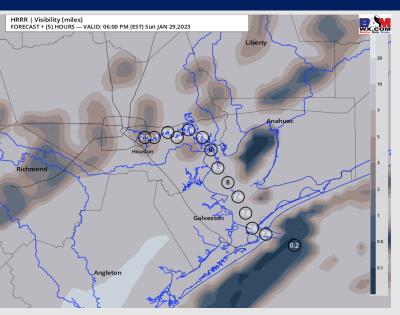


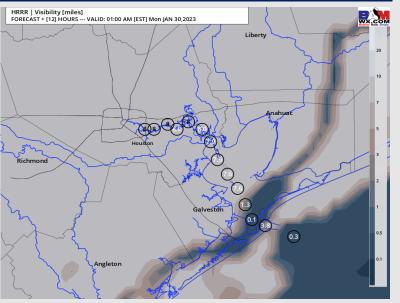


### **5 PM CT SUN VISIBILITY**

#### **12 AM CT MON VISIBILITY**

### Confidence







TIMEFRAME DISCUSSED	THREAT
5 PM SUN - 1 AM MON	Medium

- Favoring a low cloud deck and scattered showers/storms to continue to reduce visibilities down to 2 4 miles for all stations through the rest of the PM.
- Patchy fog is favored to work in near the Boarding Station around 5 PM where it will continue develop within the GALV Bay area, impacting stations South of Morgan's Point throughout the evening.
- Favoring the greatest patchy dense fog risk (visibilities of 1 mile or less) to be within the 7 10 PM timeframe. Anticipating front to move through the region around 12 1 AM helping to alleviate the risk for fog.
- Something to note is that earlier model data favored front to stall near coastline which would then allow for fog to linger from the Boarding Station to Station 25/26 Monday AM. Recent data pulls the front further south, leading to less of a fog risk which is what I also favor at this time.

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





**Possible** 

Unlikely

### Wednesday 2/1/23

Wednesday looks to have SSE winds in the 10 - 15 kt range - conducive for sea fog.

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

A flip from the SE to the NW after a frontal passage sometime in the early morning hours of Thursday should clear visibilities for the entire day.

# Above Below Normal

### Friday 2/3/23

Anticipating northwesterly to northerly winds for Friday, making foggy conditions unlikely.

# Above Below Normal



### **Chance for Reduced Visibility**

Wednesday AM

Friday PM

Wednesday PM	Possible
Thursday AM	Unlikely
Thursday PM	Unlikely

Friday AM Unlikely

# **Houston Pilots Visibility Report**







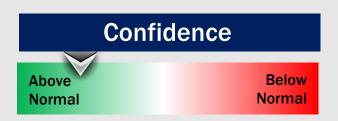
Refer to the slide above for the official BAM forecast. The chart is likely not 100% accurate with fog.

Time	Sun 1pm	Sun 2pm	Sun 3pm	Sun 4pm	Sun 5pm	Sun 6pm	Sun 7pm	Sun 8pm	Sun 9pm	Sun 10pm	Sun 11pm	Mon 12am	Mon 1am		Mon 3am		Mon 5am	Mon 6am			Mon 9am	Mon 10am	Mon 11am	Mon 12pm	Mon 1pm	Mon 2pm	Mon 3pm	Mon 4pm	Mon 5pm	Mon 6pm	Mon 7pm	Mon 8pm	Mon 9pm	Mon 10pm	Mon 11pm	Tue 12am
610 Bridge	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	10	10	10	10	10	10	10	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	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	10	10	10	10	10	10	10	10	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	10	10	10	10	10	10	10	10	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	10	10	10	10	10	10	10	10	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	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
Morgans Point	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	10	10	10	10	10	10	10	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	10	10	10	10	10	10	10	10	10	10	10	10	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	10	10	10	10	10	10	10	10	10	10	10	10	10	10
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1 & 2 Bravo	10	10	10	10	10	10	10	10	10	10	5	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

# **Houston Pilots Wind Report**







Sustained wind 13 Knots

Gusts 18 Knots

Wind from the N

Example

WS: 13

G:18

N

Time	Sun	Sun	Sun	Sun	Sun	Sun	Sun	Sun	Sun	Sun	Sun	Mon	Mon	Mon	Mon	Mon	Mon	Mon	Mon	Mon	Mon	Mon	Mon	Mon	Mon	Mon	Mon	Mon	Mon	Mon	Mon		Mon	Mon	Mon	Tue
Knots	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		9pm	10pm	11pm	12am
610 Bridge	10	12	9	6	8	5	5	5	4	5	8	7	7	6	6	6	7	7	8	7	8	8	8	7	8	8	8	8	8	8	7	7	7	7	7	7
	26	27	24	18	11	9	11	11	12	13	13	13	13	12	11	9	10	11	12	11	12	12	12	11	11	12	12	12	12	11	11	10	10	10	10	10
	SSW	SW	SW	SW	NNW	NW	NNE	NE	NNE	ENE	NNW	N	ESE	SW	SSW	N	N	N	N	W	NF	ESE	WSW	S	N	N	NNW	N	N	N	S	N	N	N	N	SE
Kinder 1	10 26 SSW	12 27 SW	9 24 SW	6 18 SW	8 12 NNW	5 9 WSW	5 11 NNE	5 12 NE	4 12 NNE	5 13	8 12 NNW	7 13 NNW	7 13 S	6 12 W	6 11 SSW	7 9 N	7 10 N	7 11 N	8 12 N	7 11 SW	8 12 N	8 12 E	8 12 WSW	8 11 SE	8 11 N	8 12 N	8 11 N	8 11 N	8 12 N	8 11 N	7 11 SSW	7 10 N	7 10 N	7 10 N	7 10 N	7 10 S
Greens Bayou	10 25 SW	12 27 SW	10 24 SW	5 16 WSW	8 12 NNW	5 8 S	6 11 NNE	5 12 NE	4 12 NNE	5 13 NNE	7 12 NNW	8 13 NNW	7 13 SW	7 13 WNW	6 11 E	7 9 N	7 10 N	7 11 N	8 12 N	7 11 SSE	8 12 N	8 12 SSE	8 11 WNW	8 11 ENE	8 11 N	8 12 N	8 11 N	8 11 N	9 11 N	8 11 NNW	8 11 WNW	7 10 N	7 10 N	7 10 N	7 10 N	7 10 WNW
Shell Crude	10	12	10	5	8	5	6	5	4	5	6	8	7	7	6	7	7	7	8	7	8	8	8	8	8	8	8	8	9	8	8	7	7	7	7	7
	26	27	24	17	12	8	11	13	12	13	12	13	13	12	11	10	10	11	12	11	12	12	11	11	11	11	11	11	11	11	11	11	10	10	10	10
	SW	SW	SSW	SW	NNW	SSE	ESE	NNE	NNE	NNE	NNW	NNW	SSW	W	SE	N	N	N	N	ENE	N	SW	WNW	E	NNW	N	N	N	WNW	NW	W	N	N	N	N	NNW
Lynchburg Ferries	10 23 SW	12 28 SW	11 24 SW	5 15 SW	8 12 NNW	4 8 WSW	7 12 ESE	4 13 NNE	4 12 NE	5 13 NNE	6 12 NNW	8 13 NNW	8 14 SSW	7 13 SE	6 12 E	7 10 N	7 10 NW	8 11 N	8 11 NW	7 11 N	9 12 N	8 12 ESE	8 11 SSW	8 11 ESE	8 11 SW	8 11 N	8 11 N	8 12 N	9 11 SE	8 11 N	8 11 SE	8 11 NW	8 10 N	8 11 N	7 10 N	7 10 N
Exxon 3	10	12	11	6	6	6	8	4	4	4	5	8	8	7	7	7	8	8	8	8	8	8	8	8	8	8	8	8	9	9	9	8	8	8	8	7
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	SW	SSW	SSW	SW	W	NNW	WSW	NNE	NNE	E	NNW	NNW	WSW	S	W	N	W	NNW	W	ENE	NNE	ESE	SSW	SE	SW	N	N	N	ESE	N	S	W	N	N	N	N
Morgans Point	11 26 SSW	15 28 SSW	11 24 SSW	8 18 SSW	5 14 SW	9 13 NW	8 14 SW	4 11 NNE	3 10 NNE	3 10 SW	5 12 NNW	8 13 NNW	9 15 NW	8 13 NNW	7 12 N	8 10 N	8 11 S	9 11 W	9 12 S	9 11 ESE	9 12 NE	9 12 ESE	9 12 SSE	8 12 ESE	8 12 WNW	9 12 N	9 11 N	9 12 N	9 12 ESE	10 12 N	10 12 WSW	9 12 SW	8 11 N	9 11 N	9 11 N	8 10 N
75/76	15	17	12	11	8	9	5	4	4	3	6	10	11	8	7	9	10	11	10	10	11	10	9	9	9	10	10	10	11	11	12	11	10	11	11	10
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	SSW	SSW	SSW	SSW	SSW	WNW	S	ESE	ESE	WSW	NNW	NNW	N	N	N	N	WSW	WNW	ENE	NE	NE	NE	ENE	ENE	N	N	N	WNW	NE	WSW	SW	SSE	N	N	N	NNW
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	SSW	SSW	SSW	SSW	SSW	SW	WSW	W	SW	WNW	NNW	NNW	N	WNW	N	N	N	N	NE	N	N	N	N	N	SW	NNW	N	E	N	NE	ENE	NE	W	N	NNW	W
51/52	16	14	12	13	10	8	8	9	4	7	8	10	12	9	9	9	10	11	11	11	11	10	10	9	10	10	10	10	11	12	11	11	10	11	11	10
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	SSW	SSW	SSW	SSW	SSW	SSW	NNW	NNW	WSW	NW	NNW	NNW	N	NW	N	N	N	N	NNE	N	N	N	N	N	E	WNW	N	N	N	N	N	N	E	NNW	SSW	S
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	SSW	SSW	SSW	SSW	SSW	SSW	WNW	NNW	NW	NNW	N	NNW	N	N	NW	N	N	WNW	NNE	N	N	N	N	N	N	NW	N	NNE	N	N	N	N	N	S	ESE	E
25/26	14	13	13	12	11	9	6	7	5	6	7	10	11	10	9	8	8	9	10	10	10	10	10	10	10	10	10	10	10	10	10	10	9	10	10	10
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	SSW	SSW	SSW	SSW	SSW	SW	WSW	NNW	NW	NW	NNW	NNW	NNW	N	W	WNW	NW	S	NE	N	N	N	N	N	N	SW	WSW	NNE	N	N	N	N	N	NNE	NNE	N
11/12	12	12	12	11	10	8	6	6	6	5	6	9	9	9	10	8	8	9	9	10	10	10	10	9	9	9	10	9	9	9	9	9	9	10	10	10
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	SSW	SSW	SSW	SSW	SSW	SW	SW	WNW	NNW	NW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	SW	NE	N	N	N	N	N	N	SSE	S	N	N	N	N	N	N	N	N	N
1 & 2 Bravo	10 21 S	12 21 SSW	11 21 SSW	10 20 SSW	11 19 SSW	8 13 SSW	6 9 SW	8 10 WSW	7 9 NW	7 8 NW	9 NNW	9 11 NNW	11 15 N	8 12 NNW	9 13 NNW	8 10 N	9 10 W	9 11 NW	10 12 N	10 12 N	10 13 N	10 13 N	10 12 N	9 12 NNE	9 11 N	9 11 N	10 12 N	10 12 N	10 11 N	10 11 N	11 12 N	10 12 N	10 12 N	10 12 N	11 12 N	11 12 N

### Houston Pilots: Sun. 1/29/2023





### **Forecast Discussion**

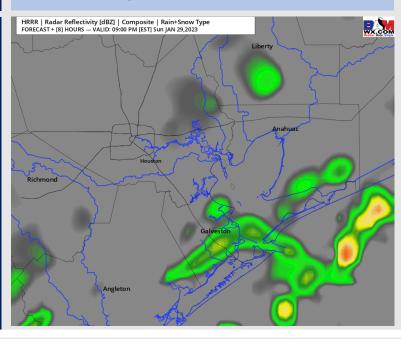
Precip: Favoring a 60% chance for scattered rain showers / thunderstorms to continue until 5 PM. After 5 PM, favoring chances to reduce to 20-30% as showers become more isolated continuing through the rest of the evening.

Wind: Sustained winds out of the SW at 13 - 18 kts across all stations until 5 PM. After 5 PM, winds will gradually die back down to 8 - 13 kts across all stations becoming more variable. Winds will shift out of the N and pick up to 10 - 15 kts nearing the midnight timeframe. Gusts of 20 - 30 kts possible out through 5 PM.

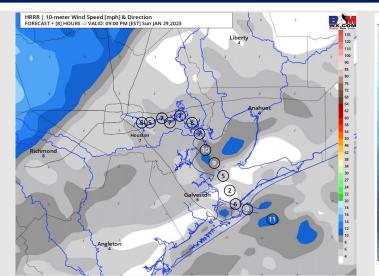
Temps: Low temps Monday Morning near 60 F at the Boarding Station and in the mid to upper 50s F at all other stations.

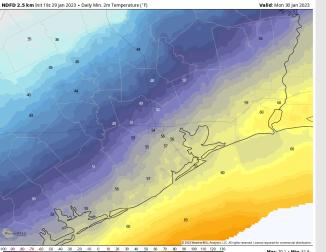
Visibility: Patchy fog risk for this evening up through the Midnight - 1 AM timeframe as low level moisture and SW winds allow for more favorable conditions. Heavy rain may also reduce visibilities through the PM. View visibility report for more details.

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



Wind Speed 8 PM CT





Low Temps Monday AM

## Houston Pilots: Mon. 1/30/2023





### **Forecast Discussion**

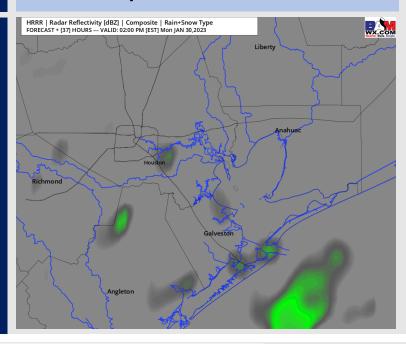
Precip: Anticipating a 10-20% chance of isolated showers throughout the entire day Monday. An increased chance of 40% near the Boarding Station will be from 1-4 PM, but then decreasing back down to 10-20% after 4 PM.

Wind: Sustained winds will be out of the NNW throughout entire day on Monday. Winds will start at 10 – 8 kts north of Morgan's Point until 6 AM, where they will pickup to 7 – 13 kts and remain as such for the rest of the day. Stations south of Morgan's Point will see winds of 7-13 kts until 5 PM, where winds increase to 13 - 18 kts. Gusts of 20 kts possible through the AM.

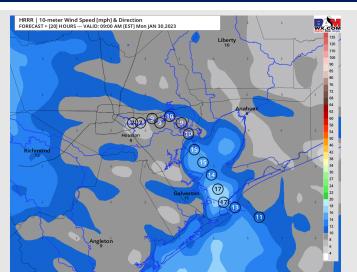
Temps: High temperatures Monday will be in the upper 50s F to near 60 F across all stations.

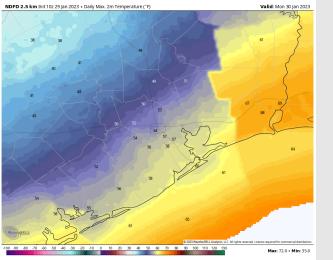
Visibility: Not favoring fog to impact stations at this time as a front is expected to move through around the 1 AM timeframe, shifting winds out of the N/NW. That being said, there is a low end risk this front stalls closer to the shoreline Monday AM which would then allow for potential fog development.

#### **Precip Forecast: 1 PM CT**



Wind Speed 6 PM CT





High Temps Monday

## Houston Pilots: Tue. 1/31/2023





### **Forecast Discussion**

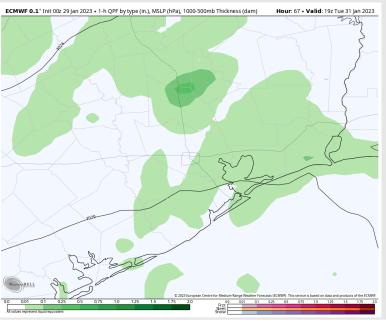
Precip: Anticipating a wet day for Tuesday with a 30% chance of scattered showers from 12AM – 6 AM. After 6 AM favoring scattered showers to fill in more, bringing a 60% chance of precipitation from 6 AM – 8 PM. After 8 PM shower activity will decrease in coverage to 30% once more.

Wind: Variable winds with favorability from the SE will veer more from the NE towards the late PM hours towards 7 PM. Winds N of Morgan's Point will be 5 – 9 kts and S of Morgan's point will be slightly elevated at 8 – 14 kts. A brief window of calmer winds will be possible from 2 – 6 PM where winds will be 3 – 7 kts, then after 6 PM expecting winds to return to respective ranges listed above.

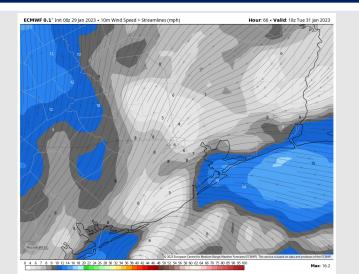
Temps: High temperatures Tuesday will be in the mid to lower 60s F across all stations.

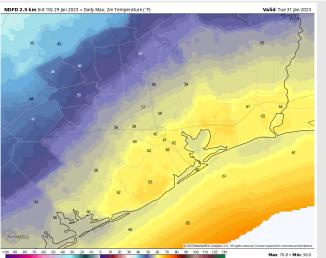
Visibility: Favoring patchy fog risk to sit further out into the Gulf throughout the day Tuesday. Low to medium risk for this fog to creep NW towards the Boarding Station.

#### **Precip Forecast: 1 PM CT**



Wind Speed 12 PM CT



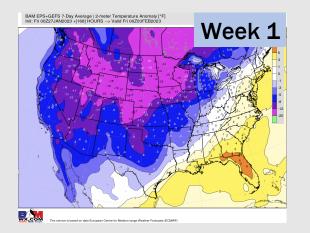


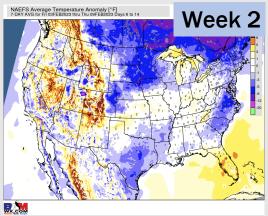
High Temps Tuesday

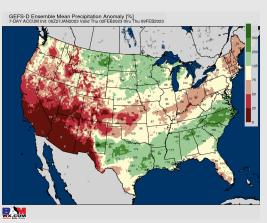
### Houston Pilots: 1/29/23

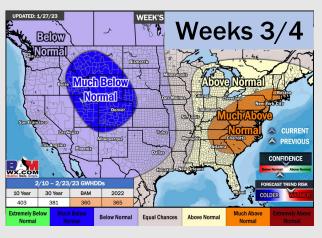


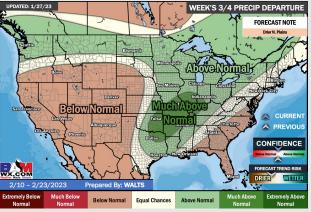












- Anticipating the next rain chances to come Saturday and continue into the early half of next week. Temps will be slightly above normal in the 1 week timeframe.
- Expecting above normal precipitation and below normal temperatures for the 2 week timeframe.
- Above normal precipitation chances and below normal temperatures expected in the weeks <sup>3</sup>/<sub>4</sub> timeframe.