## **Houston Pilots Forecast Package**

Updated: 2:45 AM CT

Sunday, November 26, 2023

Forecaster: Tyler Riggles



## **Weather Headlines**

- Scattered rain chances building in this morning, expected to taper off by midday
- Not anticipating any visibility concerns over the next few days outside of a lowend risk on Wednesday.
- Watching for some gustier wind potential today, especially for the Boarding Station. More details on the daily slides below.



Radar/NWS Alerts: 2:36 AM 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**





## **Wednesday 11/29/23**

Monitoring a low-end risk for patchy fog Wednesday AM.

#### Thursday 11/30/23

No fog concerns Thursday.

#### Forecast Confidence



Below Normal

## Forecast Confidence Above Below

### Friday 12/1/23

No fog concerns Friday.

Chance for Fog

Wednesday AM Low-End Risk

Wednesday PM

Thursday AM

lay PM Low-End Risk

Normal

Unlikely

Thurs

Thursday PM Unlikely

Frida

Normal

Friday AM Unlikely
Friday PM Unlikely

## Forecast Confidence

Above Normal

Below Normal

## Houston Pilots Visibility Chart (miles)





#### **Forecast Confidence**

	Above Normal																		Belo orm																	
Time	Sun 1am	Sun 2am	Sun 3am	Sun 4am	Sun 5am	Sun 6am	Sun 7am	Sun 8am	Sun 9am	Sun 10am	Sun 11am	Sun 12pm	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 2am	Mon 3am	Mon 4am	Mon 5am	Mon 6am	Mon 7am	Mon 8am	Mon 9am	Mon 10am	Mon 11am	Mon 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	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
51/52	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
37/38	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
25/26	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
11/12	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
1 & 2 Bravo	10	10	6	9	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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## **Houston Pilots Wind Chart**







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	Sun	Sun	Sun	Sun	Sun	Sun	Sun	Sun	Sun	Sun	Sun	Sun	Mon	Mon	Mon	Mon	Mon	Mon	Mon	Mon	Mon	Mon	Mon	Mon	Mon
Knots	1am	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	12pm
610 Bridge	4	4	4	5	6	6	7	7	7	9	10	10	11	11	10	12	11	11	11	10	10	9	8	8	8	7	8	7	8	7	7	8	8	8	7	7
	6	8	9	11	15	16	17	19	19	17	18	17	18	17	17	18	17	17	16	15	15	13	12	12	12	12	13	11	12	11	11	12	13	12	11	10
	ESE	SE	NNE	SW	N	ENE	N	N	N	N	N	NNW	NNW	NNW	NNW	N	N	N	N	N	N	N	ESE	N	N	N	N	N	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE
Kinder 1	3	4	4	4	6	7	7	7	7	9	10	10	11	11	10	11	11	11	11	10	9	9	8	8	8	8	8	7	8	7	7	8	8	8	7	7
	6	8	9	11	15	16	17	19	19	17	18	17	18	17	17	18	17	16	16	15	15	13	12	12	12	12	13	12	12	11	11	12	13	12	10	10
	S	ENE	ENE	SW	NNE	SSE	N	N	N	N	N	NNW	NNW	NNW	NNW	N	N	N	N	N	N	N	SW	N	N	N	N	N	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE
Greens Bayou	4	5	4	4	6	7	7	7	7	9	10	10	11	11	10	11	11	10	10	10	9	9	8	8	8	8	8	8	8	7	7	8	8	8	7	7
	7	8	10	12	15	17	18	18	19	17	18	17	18	17	17	18	16	16	16	15	14	13	12	12	12	12	13	12	12	11	11	12	13	12	10	10
	S	NNE	ESE	SE	NNE	NW	N	N	N	N	N	NNW	NNW	NNW	NNW	N	N	N	N	N	N	N	N	NNE	N	N	N	N	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE
Shell Crude	4	5	4	5	6	7	7	8	7	10	10	11	11	11	11	12	11	11	10	10	10	9	8	8	8	8	8	8	8	8	8	8	8	8	8	7
	7	8	9	12	15	17	18	19	20	18	18	18	18	18	17	17	16	16	16	15	15	13	13	13	13	12	13	12	12	11	12	12	13	12	10	10
	SSE	ENE	S	SSE	NE	N	N	N	N	N	N	NNW	NNW	NNW	NNW	N	N	N	N	N	N	N	N	ENE	N	N	N	N	N	NNE	NNE	NNE	NNE	NNE	NNE	NNE
Lynchburg Ferries	4 7 SSE	5 8 S	4 10 SE	5 13 SSW	6 15 ENE	7 18 N	7 19 N	8 20 N	7 19 N	10 18 N	11 18 NNW	11 18 NNW	11 18 NNW	11 18 NNW	11 17 NNW	12 18 N	12 16 N	11 16 NNW	11 15 N	10 15 N	10 14 N	9 13 N	9 13 N	9 13 WSW	9 12 N	8 12 N	9 12 N	8 12 N	8 11 N	8 11 N	8 11 NNE	8 12 NNE	9 12 NNE	8 11 NNE	8 10 NNE	7 10 N
Exxon 3	3	5	4	5	6	7	7	8	7	9	11	12	12	11	11	13	12	12	11	11	11	10	10	9	10	9	9	9	9	9	8	9	9	8	8	8
	7	9	10	13	16	18	19	22	19	19	18	18	19	18	18	18	16	16	16	15	15	14	13	13	13	13	13	13	12	12	12	12	13	11	11	10
	WSW	WNW	E	NNW	SW	WNW	N	N	N	NNW	N	N	N	N	N	NW	N	N	N	N	N	N	NNE	NNE	NNE	NNE	NNE	N								
Morgans Point	4	6 9 WSW	5 10 NE	7 13 NNW	8 16 NW	9 19 SE	9 19 N	10 23 N	9 20 N	10 19 NNW	12 19 NNW	13 19 NNW	13 19 NNW	12 18 NNW	12 18 NNW	14 18 NNW	14 17 NNW	13 17 NNW	13 17 N	13 16 N	12 16 N	12 15 N	11 15 NW	11 14 S	11 14 N	12 15 N	12 15 N	11 14 N	11 14 N	11 14 NNE	10 13 NNE	10 13 NNE	10 13 NNE	9 12 NNE	8 11 NNE	8 11 NNE
75/76	6	8	8	8	12	13	13	14	13	12	14	15	15	15	15	16	17	16	16	16	16	15	15	15	15	16	15	15	15	15	14	13	13	11	9	8
	7	9	10	11	17	19	20	23	22	21	19	20	20	19	20	19	19	19	19	18	18	17	17	17	17	18	17	17	17	17	16	15	15	13	12	11
	E	E	SSE	W	N	NNE	N	N	N	N	NNW	NNW	NNW	NNW	NNW	NNW	N	NNW	N	N	N	N	ESE	N	N	N	N	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE
63/64	7	9	10	9	13	15	15	16	15	14	16	16	17	17	17	17	18	18	18	18	18	18	18	17	17	18	18	18	18	17	16	16	15	12	10	9
	8	9	11	10	17	20	20	23	22	21	19	20	20	20	20	19	20	20	20	20	20	19	19	19	19	19	19	20	20	19	18	17	16	14	13	12
	NNE	N	WNW	SE	N	N	NNW	N	N	N	NNW	NNW	NNW	NNW	NNW	N	N	N	N	N	NNW	SSW	N	N	N	N	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE
51/52	7	9	11	9	13	15	15	16	16	15	16	17	17	17	18	17	18	19	19	18	18	18	18	17	17	17	18	18	18	18	17	16	15	13	11	9
	8	9	11	11	15	20	20	22	23	22	20	21	20	20	21	19	20	20	20	20	20	19	19	18	19	19	19	19	19	19	18	17	17	14	13	12
	NNE	NNE	NNW	NNE	N	N	SE	N	N	N	NNW	NNW	NNW	NNW	NNW	N	N	N	N	N	NNW	ENE	N	N	N	N	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE
37/38	7	9	11	10	13	16	15	16	16	16	17	17	18	18	18	17	18	18	18	18	18	17	18	17	17	17	17	18	18	18	17	16	15	13	12	10
	7	9	12	11	15	19	20	21	23	22	21	21	21	21	22	19	20	20	20	19	19	19	19	18	19	19	19	19	19	19	19	18	17	14	13	12
	NNE	NNE	NNW	NNE	N	N	N	NNW	N	N	NNW	NNW	NNW	NNW	NNW	N	N	N	N	N	WSW	N	N	N	N	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE
25/26	5	8	10	10	12	15	14	15	16	16	16	17	17	18	18	16	17	17	17	16	16	16	16	15	16	16	16	16	16	16	16	15	14	12	11	10
	7	9	12	11	14	19	19	20	23	22	22	21	21	21	22	19	19	19	19	18	18	18	18	17	18	18	18	18	18	18	18	18	16	14	13	12
	NNE	NNE	WSW	ENE	NNW	N	N	W	N	N	N	N	NNW	NNW	NNW	N	N	N	N	N	ESE	N	N	N	N	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE
11/12	4	7	8	10	11	13	13	13	14	15	15	16	17	17	17	16	16	16	16	16	16	16	16	15	16	16	16	16	16	16	15	15	14	12	11	10
	7	8	10	12	14	18	19	20	22	22	22	22	22	22	22	18	18	18	19	17	18	17	17	17	18	18	18	18	18	18	18	18	16	14	13	12
	NNE	NNE	ENE	S	N	ESE	N	SW	N	N	NNW	NNW	NNW	NNW	NNW	N	N	N	N	N	N	N	N	N	N	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE
1 & 2 Bravo	6	5	9	12	12	16	16	17	17	17	17	18	18	20	19	18	19	19	19	19	19	19	19	19	19	19	19	20	20	19	19	19	17	15	13	11
	9	6	9	13	13	17	19	20	22	22	22	21	21	22	22	20	21	20	21	20	20	20	21	20	21	21	21	21	22	21	21	20	19	16	14	12
	ENE	NNE	ESE	WNW	SSE	N	NE	ENE	N	N	N	NNW	NNW	NNW	NNW	N	N	N	N	N	N	N	N	N	N	N	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE

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## Houston Pilots: Sun. 11/26/2023





#### **Forecast Discussion**

Precip: Best extent for scattered coverage (50% chance) arrives from 3 - 9 AM. Coverage then tapers off across all stations from 9 AM - 12 PM. The Boarding Station will be at risk of seeing drizzle last through 3 PM.

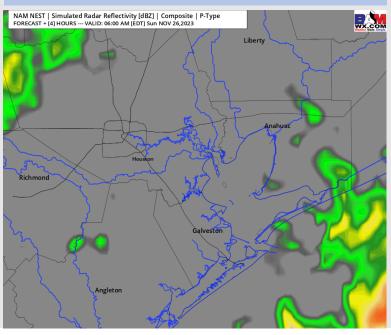
Wind: Winds favored to be out of the ESE as the day begins today, then will gradually shift to be out of the N moving into the late AM and through the rest of the day. N of Morgan's Point: Winds will begin at 3-8 kts, then increase to 10 – 15 kts by 10 AM. After 6 PM winds return to 3 - 8 kts. S of Morgan's Point: Winds will begin at 10 – 15 kts and follow a gradual increase in speed throughout the AM. By 10 AM winds will be at 18 - 23 kts.

Boarding Station winds can increase more at 21 - 26 kts from 12 PM - 3 PM. Otherwise, winds will also remain at 18 - 23 kts. Wind gusts of up to 26 - 28 kts are possible at the Boarding Station in the early PM, and 22 - 26 kts for stations north of the Boarding Station.

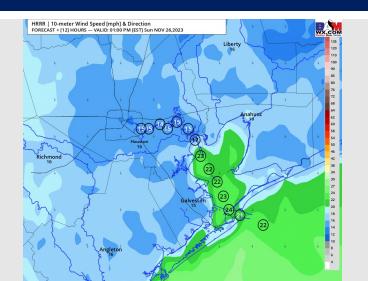
High Temps: N of Morgan's Point: Mid 60s F S of Morgan's Point: Mid to Upper 60s F.

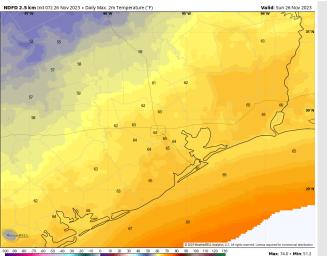
Visibility: Not anticipating fog concerns for today, though some brief reduced visibilities under scattered showers will be possible.

#### Precip Image: 5 AM CT



Wind Speed: 12 PM CT





High Temps Today

## Houston Pilots: Mon. 11/27/2023





## **Forecast Discussion**

**Precip:** High pressure settles in Monday. Favoring dry conditions for the day.

Wind: Winds will be out of the N/NNE Monday. N of Morgan's Point: Sustained at 3 -8 kts. S of Morgan's Point: Winds will begin the day at 15-20 kts but will be on a declining trend in the AM. By 1 PM winds settle in at 8 - 13 kts. Boarding Station winds remain a touch higher at 10 -15 kts.

High Temps: N of Morgan's Point: Mid 50s F. S of Morgan's Point: Mid 50s F.

Visibility: No visibility concerns for today.

HRRR | 10-meter Wind Speed (mph) & Direction
FORECAST + (35) HOURS -- VALID: 12:00 PM (EST) Mon NOV 27,2023

Liberty

B

Anahuac

Anahuac

Galveston

Galveston

13

13

10

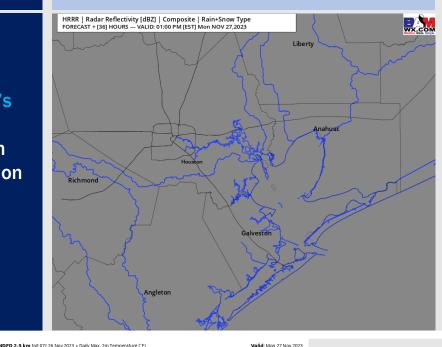
Angleton

Angleton

6

4

#### Precip Image: 12 PM CT





Wind Speed: 11 AM CT

## Houston Pilots: Tue. 11/28/2023





### **Forecast Discussion**

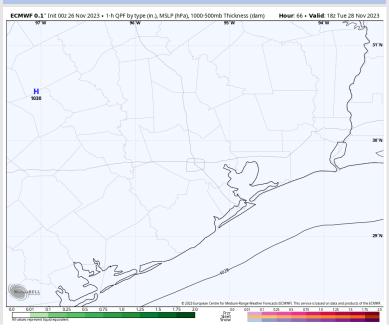
**Precip:** Dry conditions throughout the day Tuesday.

Wind: Winds will be sustained from the ENE for much of the day but will shift out of the ESE by 7 PM. N of Morgan's Point: Winds will sit at 3 – 8 kts throughout the day. S of Morgan's Point: Winds will begin the day at 9 – 14 kts and will begin gradually decreasing after 9 AM, setting at 3-8 kts by 5 PM. Winds of 7-12 kts will remain at the Boarding Station.

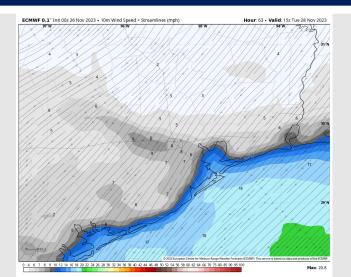
High Temps: N of Morgan's Point: Upper 50's. S of Morgan's Point: Upper 50's F

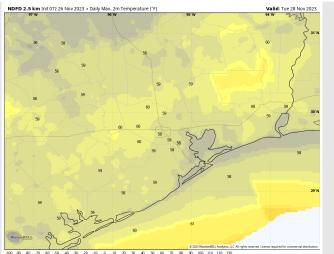
Visibility: No visibility concerns for Tuesday.

#### Precip Image: 12 PM CT



Wind Speed: 9 AM CT





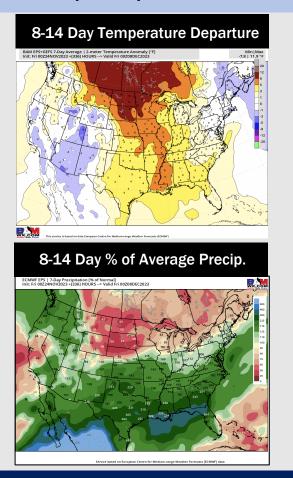
High Temps Tuesday

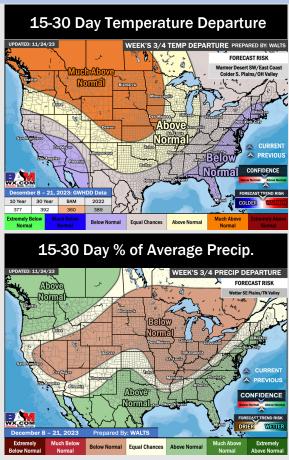
## **Houston Pilots: 11/26/23**





# **Next 7 Day Temperature Departure Next 7 Day Total Precipitation** NWS WPC Total Precipitation [inches] Accum thru Sun 06Z03DEC2023 +[168]Hours | Init: 06Z26NOV2023





- Outside of rain chances today, next organized system looks to enter Thursday late AM. Colder than normal weather is expected this week following the last cold front.
- Above normal rainfall and above normal temperatures are expected into the week 2 timeframe.
- > Seasonal temperatures and above normal chances for precipitation are favored in the weeks <sup>3</sup>/<sub>4</sub> timeframe.