# **Houston Pilots Forecast Package**

Updated: 12:30 PM CT

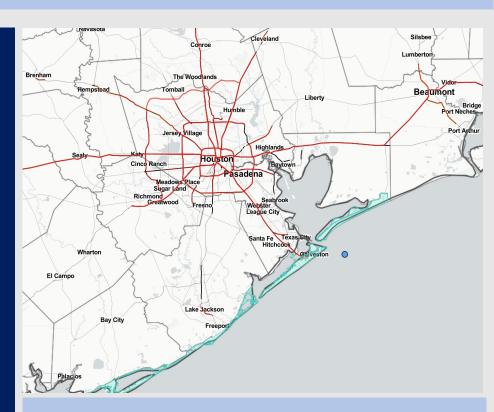
Thursday, April 13, 2023

Forecaster: Alyssa McClung



### **Weather Headlines**

- Continuing to favor the best precip risks moving forward to come late Saturday night with the upcoming cold front.
- Eyeing Sunday daytime hours for some gusty winds (sustained 20-25 knots possible) behind the cold front that will pass very early Sunday AM.
- Fog threats look rather limited moving forward over the next several days. It's worth watching Sat PM pre-front for a low end risk of reduced visibility (more details on Sat slide).



Radar/NWS Alerts: 12:30 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 Extended Range Visibility Report**





### **Sunday 4/16/23**

Reduced visibility does not look to be a concern Sunday.

### Monday 4/17/23

Reduced visibility does not look to be a concern on Monday.

#### Confidence

Above Below Normal Normal

Above Normal Below Normal

### Tuesday 4/18/23

Reduced visibility does not look to be a concern on Tuesday at the moment.

### **Chance for Reduced Visibility**

Sunday AM Unlikely
Sunday PM Unlikely
Monday AM Unlikely

### Confidence

Above Below Normal Normal

Monday PM Unlikely

Tuesday AM Unlikely

Tuesday PM Unlikely

# **Houston Pilots Visibility Report**





### Confidence



Below Normal

Time	Thu 12pm		Thu 2pm		Thu 4pm	Thu 5pm	Thu 6pm	Thu 7pm		Thu 9pm	Thu 10pm	Thu 11pm	Fri 12am	Fri 1am	Fri 2am	Fri 3am	Fri 4am	Fri 5am	Fri 6am	Fri 7am	Fri 8am	Fri 9am	Fri 10am	Fri 11am	Fri 12pm	Fri 1pm	Fri 2pm	Fri 3pm	Fri 4pm	Fri 5pm	Fri 6pm	Fri 7pm	Fri 8pm	Fri 9pm	Fri 10pm <i>′</i>	Fri 11pm
610 Bridge	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	9	10	10	10	9	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	9	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	9	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	9	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	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	9	9	9	9	9	9

# **Houston Pilots Wind Report**







Sustained wind 13 Knots

Gusts 18 Knots

Wind from the N

Example

WS: 13

G:18

N

Time	Thu	Thu	Thu	Thu	Thu	Thu	Thu	Thu	Thu	Thu	Thu	Thu	Fri	Fri	Fri	Fri	Fri	Fri	Fri	Fri	Fri	Fri	Fri	Fri	Fri	Fri	Fri	Fri	Fri	Fri	Fri	Fri	Fri	Fri	Fri	Fri
Knots	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	11pm
610 Bridge	2	3	3	2	2	4	7	8	6	5	6	5	5	3	3	5	5	4	4	4	4	6	8	10	10	11	12	13	13	13	13	12	11	11	11	11
	3	4	4	4	5	7	9	11	13	14	14	12	11	11	12	8	8	6	6	6	7	9	12	12	12	12	14	15	17	18	18	18	17	17	17	16
	SSE	E	ENE	ENE	ESE	SSE	SE	SSE	S	S	S	S	S	S	S	S	S	S	SSE	SSE	SSE	S	S	S	S	S	S	S	SSE	SSE	S	SSE	SSE	SSE	SSE	SSE
Kinder 1	2	3	3	2	2	5	7	7	6	5	6	5	5	3	3	5	5	4	4	4	4	6	8	10	10	11	12	13	13	13	13	12	11	11	11	10
	3	4	4	4	5	7	9	11	13	14	14	12	11	11	12	8	8	6	6	6	7	9	12	11	12	12	14	15	17	18	18	17	17	17	16	16
	E	NE	NE	ENE	E	SE	SE	SSE	S	S	S	S	S	S	S	S	S	S	SSE	SSE	SSE	S	S	S	S	SSE	SSE	SSE	SSE	SSE	S	SSE	SSE	SSE	SSE	SSE
Greens Bayou	3 4 NE	3 3 NE	3 3 NE	2 4 ENE	3 6 E	5 8 ESE	7 9 SE	7 11 SSE	6 13 S	5 13 S	5 13 S	5 12 S	5 11 S	3 11 S	3 11 SSE	5 8 S	5 8 S	4 6 S	4 6 SSE	4 6 SSE	4 7 SSE	6 8 S	8 12 S	10 11 S	11 12 S	11 12 SSE	12 14 SSE	13 15 SSE	13 17 SSE	14 18 SSE	13 17 S	12 17 SSE	11 17 SSE	11 16 SSE	11 16	10 16 SSE
Shell Crude	2	2	3	2	4	7	7	7	6	5	5	5	5	3	3	6	5	4	4	4	5	6	8	10	11	12	13	14	13	14	14	12	11	11	10	10
	4	3	3	4	6	8	10	11	13	13	12	12	12	11	11	8	8	7	6	6	7	9	12	11	12	13	14	15	17	18	17	17	17	16	16	15
	ENE	ENE	ENE	E	ESE	SE	SSE	SSE	S	S	S	S	S	S	S	S	S	S	SSE	SSE	SSE	S	S	SSE												
Lynchburg Ferries	2 3 SSE	1 2 SSE	2 2 SE	2 4 SE	3 5 SE	7 8 SE	8 10 SSE	7 12 SSE	6 13 S	4 13 S	4 12 S	5 13 S	5 13 S	4 12 S	3 11 S	6 8 S	5 8 S	5 7 S	4 6 S	4 7 SSE	5 7 SSE	6 9 S	9 12 S	10 12 SSE	11 12 SSE	12 13 SSE	13 14 SSE	14 16 SSE	14 17 SSE	15 18 SSE	14 18 SSE	13 17 SSE	11 16 SSE	11 16 SSE	11 16 SSE	10 15 SSE
Exxon 3	1	2	3	4	5	8	8	8	6	5	5	6	6	5	4	6	6	5	5	5	6	7	9	10	11	13	13	15	14	15	14	13	12	11	11	11
	3	2	4	5	7	9	11	12	13	13	13	15	15	14	13	9	9	8	7	8	8	9	12	12	13	14	15	16	18	18	18	17	16	16	16	15
	SSW	S	SSE	SE	SSE	SSE	SSE	SSE	S	S	S	S	S	S	S	S	SSW	S	S	S	S	S	S	SSE												
Morgans Point	2 4 SSE	3 3 SSE	4 5 SE	5 6 SE	7 8 SE	9 10 SSE	10 12 SSE	9 13 SSE	8 13 S	8 13 S	7 14 S	9 16 S	8 16 S	8 15 S	7 15 S	8 10 SSW	8 10 SSW	7 9 SSW	6 8 S	7 9 S	7 9 S	8 10 S	10 12 S	11 13 SSE	12 13 SSE	13 15 SSE	14 16 SSE	16 18 SSE	15 18 SSE	16 19 SSE	16 18 SSE	14 18 SSE	13 17 SSE	13 16 SSE	12 16 SSE	12 15 SSE
75/76	3	3	4	5	8	11	12	11	11	11	11	12	12	12	11	10	10	9	8	9	9	10	11	12	13	14	15	17	17	18	17	17	16	15	14	14
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	ENE	SE	ESE	SE	SE	SSE	SSE	S	S	S	S	S	S	S	S	SSW	SSW	SSW	S	S	S	S	S	SSE												
63/64	3	2	3	4	8	11	12	11	11	11	11	13	13	12	11	11	11	10	9	10	10	11	12	13	14	14	15	17	16	17	18	17	16	15	15	15
	4	3	4	5	9	12	13	13	13	13	14	16	16	16	15	12	12	11	11	11	11	12	13	14	15	16	17	18	19	19	19	19	18	17	17	17
	NE	E	E	ESE	SE	SSE	SSE	SSE	S	S	S	S	S	S	S	SSW	SSW	SSW	S	S	S	S	S	SSE												
51/52	3	2	3	4	8	11	12	11	11	11	11	12	13	12	12	11	11	10	10	10	10	11	12	13	13	14	15	16	15	16	17	16	15	14	14	14
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	E	ESE	ENE	SE	SSE	SSE	SSE	S	S	S	S	S	S	S	S	SSW	SSW	SSW	S	S	S	S	S	SSE												
37/38	3	3	3	4	8	10	11	11	11	10	11	11	12	11	11	11	11	10	10	10	10	11	11	12	13	13	14	15	15	15	15	14	14	13	13	14
	4	4	4	5	9	11	12	12	13	12	14	15	15	14	15	12	12	11	11	11	11	12	13	13	14	14	16	16	17	17	17	16	16	15	15	16
	SSE	SSE	ENE	SE	SE	SSE	SSE	S	S	S	S	S	S	S	S	S	SSW	SSW	S	S	S	S	S	S	SSE											
25/26	4	4	4	5	8	10	10	10	10	8	10	10	10	9	9	10	10	10	9	10	9	10	10	11	12	12	13	14	13	13	13	12	12	12	12	13
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	E	ESE	E	SE	SE	SSE	SSE	S	S	SSE	S	S	S	S	S	S	SSW	S	S	S	S	S	S	SSE												
11/12	3	3	5	7	9	10	10	10	10	9	10	11	11	10	10	10	10	10	10	10	10	10	10	11	12	12	12	13	13	13	13	12	12	12	12	13
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	E	ESE	ESE	SE	SE	SSE	SSE	S	S	SSE	S	S	S	S	S	S	SSW	S	S	S	S	S	S	SSE												
1 & 2 Bravo	3	3	5	7	9	10	11	11	12	11	12	13	13	12	12	12	12	12	12	12	12	11	11	11	12	12	12	13	13	13	14	14	14	14	15	15
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	NE	ESE	ESE	SE	SE	SSE	SSE	S	S	SSE	S	S	S	S	S	S	SSW	SSW	S	S	S	S	S	SSE												

## Houston Pilots: Thu. 4/13/2023





#### **Forecast Discussion**

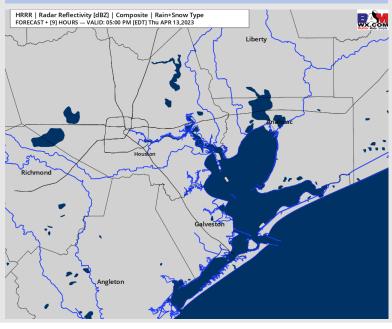
**Precip:** Favoring dry conditions throughout the day today. <10% chance of a pop-up near the boarding station the evening.

Wind: Light winds from the NNW will gradually turn to be from the SW around 3-4 PM. Winds will generally stay calm around 2 – 5 kts until 3 PM. After 3 PM, winds north of Morgan's Point will remain near calm at 3 – 8 kts and south of Morgan's Point at 10 – 15 kts. After 5 PM winds will be at 5-10 kts north of Morgan's Point and still at 10-15 kts south of Morgan's Point with a few gusts of 18 - 20 kts possible.

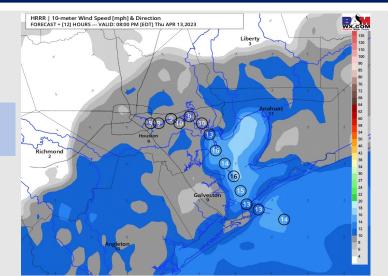
Temps: Low temperatures in the upper 90s F at the Boarding Station with temperatures in the lower to mid 60s F at all other stations.

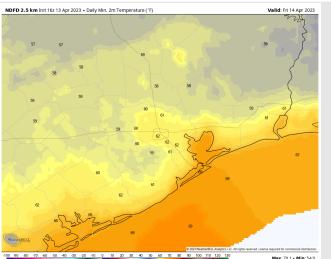
Visibility: Not anticipating visibility issues at this time.

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









Low Temps Friday AM

# Houston Pilots: Fri. 4/14/2023





### **Forecast Discussion**

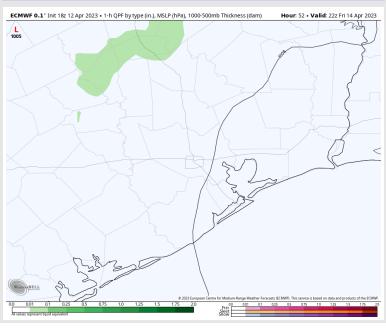
**Precip:** Favoring dry conditions throughout the morning and afternoon on Friday. Then favoring a 10% chance for an isolated shower Friday evening. Activity however is expected to stay north.

Wind: Sustained winds out of the S throughout the day. Winds N of Morgan's Point will be at 5-9 kts until the late morning hours on Friday. Then around lunchtime, winds N of Morgan's Point will increase to 9-13 kts for the rest of the day. Winds S of Morgan's Point will be at 10-15 kts throughout the day Friday. Wind gusts of 15-20 kts will be possible for all stations throughout the day Friday.

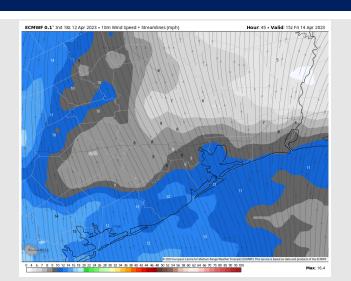
Temps: High temperatures Friday will be in the mid to upper 70s F for stations S of Morgan's Point and in the low 80s F for stations N of Morgan's Point.

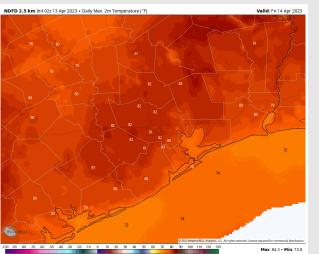
Visibility: Visibility concerns are not likely at this time.

#### **Precip Forecast: 5 PM CT**



Wind Speed 10 AM CT





High Temps Friday

## Houston Pilots: Sat. 4/15/2023





### **Forecast Discussion**

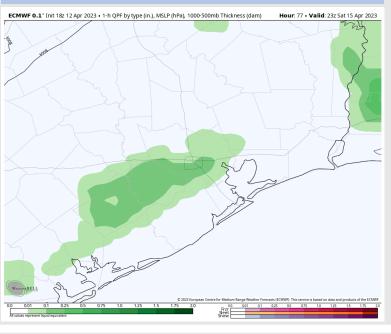
Precip: Favoring a 10% chance for an isolated shower throughout the day Saturday until around 6 PM local time. After 6 PM, favoring rain chances to increase to 30-40% until around 9 PM as a front moves in from the NW. After 9 PM, favoring chances for rain to drop back down to 10% for the rest of the evening.

Wind: Winds early Saturday will start out of the S before shifting to out of the SW by 10 AM. Winds will then remain that way until around 7 PM, when they briefly shift to out of the NW as the front passes through before shifting to back out of the SSW after 9 PM. Winds N of Morgan's Point will be at 3-8 kts while winds S of Morgan's point will be 7-13 kts throughout the day. Winds will briefly pick up to 12-18 kts, accompanied by gusts of 19-25 kts as the front passes over the stations Saturday evening.

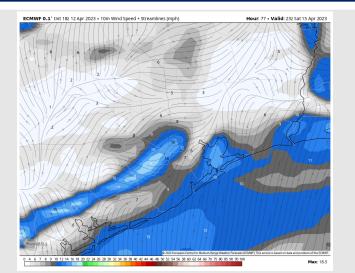
Temps: High temps Saturday will be in the mid to upper 70s F for stations S of Morgan's Point and in the low to mid 80s for stations N of Morgan's Point.

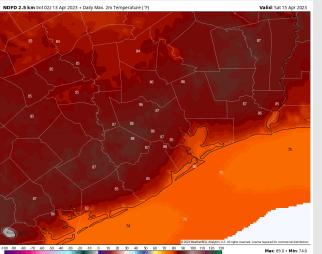
Visibility: A very low-end chance for fog/mist will be possible near the Boarding Station ahead of a front starting late AM and getting into the PM hours.

#### **Precip Forecast: 6 PM CT**



Wind Speed 6 PM CT



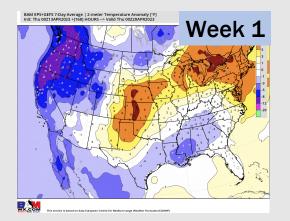


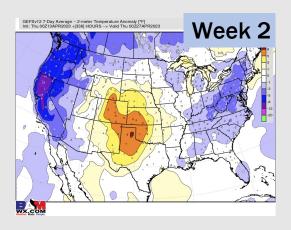
High Temps Saturday

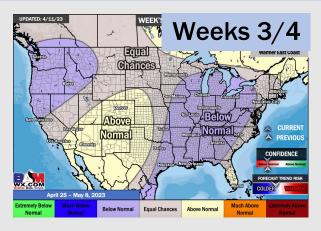
### Houston Pilots: 4/13/23

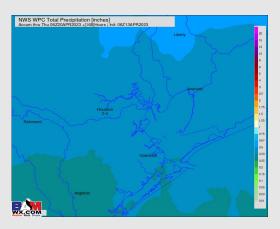


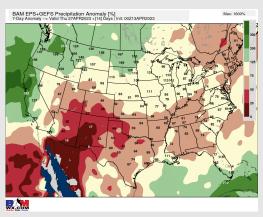


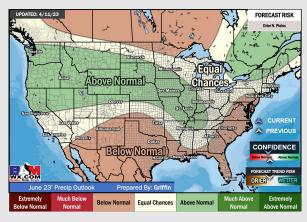












- Saturday night / early Sunday AM will be our next best shot at precip. After this, expecting a quieter stretch of weather to start early next week with another round of showers through the mid week. Temps will be below average for SE TX.
- Expecting below normal precipitation chances as well as near to just above normal temperatures extending into the week 2 timeframe.
- ► Below normal temperatures and below normal chances for precipitation favored in the week ¾ timeframe.