# **Houston Pilots Forecast Package**

Updated: 5:30 AM CT

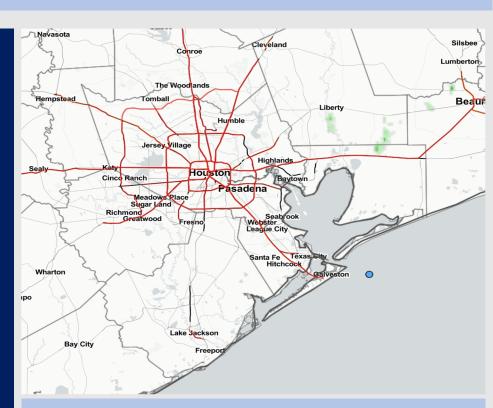
**Thursday, May 11, 2023** 

Forecaster: Tyler Riggles



# Weather Headlines

- Watching for an active period of rounds of showers and thunderstorms to the North over the next few days, check the daily slides below for more info on a few severe threats to watch.
- Periods of elevated winds are likely for today as sustained winds at the Boarding Station are favored to remain around the 15 20 kt range.
- Threats for sea fog formation look very low with no strong signals over the next several days.



Radar/NWS Alerts: 5:30 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**





Unlikely

### **Sunday 5/14/23**

Reduced visibility not a concern at this time for Sunday

#### Monday 5/15/23

Low end risk for radiation fog Monday, mostly east of stations.

#### Forecast Confidence



Forecast Confidence

Above Below Normal Normal

#### Tuesday 5/16/23

Not anticipating any visibility concerns at this time.

## Chance for Reduced Visibility

Sunday AM

Sunday PM

Unlikely

Monday AM

Possible

Monday PM Unlikely

Tuesday AM Unlikely

**Tuesday PM** 

Above Below Normal Normal

**Forecast Confidence** 

## Houston Pilots Visibility Chart (miles)





#### **Forecast Confidence**



**Below** 

			Normal Norma												al																					
Time		Thu 6am					Thu 11am						Thu 5pm				Thu 9pm			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 4pm
610 Bridge	10	8	6	6	8	10	10	10	10	10	10	10	10	10	10	7	8	7	8	10	10	10	10	10	10	8	6	5	6	9	10	10	10	10	10	10
Kinder 1	10	9	6	6	8	10	10	10	10	10	10	10	10	10	10	7	8	8	8	10	10	10	10	10	10	8	6	6	8	9	10	10	10	10	10	10
Greens Bayou	10	9	6	6	8	10	10	10	10	10	10	10	10	10	10	7	8	8	8	10	10	10	10	10	10	8	7	7	9	10	10	10	10	10	10	10
Shell Crude	10	9	6	6	8	10	10	10	10	10	10	10	10	10	10	7	8	8	8	10	10	10	10	10	10	8	8	8	10	10	10	10	10	10	10	10
Lynchburg Ferries	10	9	6	6	8	10	10	10	10	10	10	10	10	10	10	7	8	8	8	10	10	10	10	10	10	8	8	8	10	10	10	10	10	10	10	10
Exxon 3	10	10	6	6	8	10	10	10	10	10	10	10	10	10	10	7	8	8	8	10	10	10	10	10	10	8	8	8	10	10	10	10	10	10	10	10
Morgans Point	10	10	6	6	8	10	10	10	10	10	10	10	10	10	9	7	8	8	8	10	10	10	10	10	10	8	8	10	10	10	10	10	10	10	10	10
75/76	10	10	6	6	8	10	10	10	10	10	10	10	10	10	8	7	8	8	8	10	10	10	10	10	10	10	8	10	10	10	10	10	10	10	10	10
63/64	10	10	6	6	8	10	10	10	10	10	10	10	10	10	8	7	8	8	8	10	10	10	10	10	10	10	8	10	10	10	10	10	10	10	10	10
51/52	10	10	6	6	8	10	10	10	10	10	10	10	10	9	7	7	8	8	8	9	10	10	10	10	10	10	8	10	10	10	10	10	10	10	10	10
37/38	10	10	6	6	7	10	10	10	10	10	10	10	8	8	7	6	8	8	8	8	10	10	10	10	10	10	8	10	10	10	10	10	10	10	10	10
25/26	10	10	6	6	6	9	10	10	10	8	8	8	7	6	6	6	8	8	8	8	10	10	10	10	10	10	8	10	10	10	10	10	10	10	10	10
11/12	10	10	6	6	6	9	10	10	8	7	7	7	6	6	6	5	8	8	8	8	10	10	10	10	10	10	8	10	10	10	10	10	10	10	10	10
1 & 2 Bravo	10	10	6	5	6	6	6	6	6	6	6	5	6	5	4	4	8	8	8	8	8	8	8	8	8	10	8	10	10	10	10	10	10	10	10	10

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## **Houston Pilots Wind Chart**







Sustained wind 13 Knots

Gusts 18 Knots

WS: 13

G:18

N

Time	Thu	Thu	Thu	Thu	Thu	Thu	Thu	Thu	Thu	Thu	Thu	Thu	Thu	Thu	Thu	Thu	Thu	Thu	Thu	Fri	Fri	Fri														
Knots	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	1pm	2pm	3pm	4pm
610 Bridge	6	7	7	8	8	8	8	8	8	7	8	9	10	10	9	11	11	12	11	11	11	11	10	10	10	10	9	10	9	10	10	11	11	11	11	11
	19	20	21	22	19	17	14	14	14	12	12	12	14	16	16	17	17	18	17	17	17	17	15	16	15	14	14	15	14	16	16	16	17	17	16	17
	SSE	SSE	SSE	S	S	S	S	S	S	S	S	SSE	SSE	SSE	SE	SE	SE	SSE	SE	SE																
Kinder 1	6	7	7	8	8	8	8	8	8	7	8	9	10	10	9	11	11	12	11	12	11	11	10	10	10	10	9	10	10	10	10	11	11	12	12	11
	19	21	21	22	20	17	15	14	14	12	12	13	15	16	15	17	17	18	17	18	17	17	15	16	15	14	14	15	14	16	16	16	16	16	16	17
	SSE	SSE	SSE	S	S	S	S	S	S	S	S	SSE	SSE	SSE	SSE	SE	SE	SSE	SE	SE																
Greens Bayou	6 19 SSE	8 23 SSE	8 22 SSE	8 23 S	8 20 S	8 17 S	8 15 S	8 14 S	8 14 S	8 13 S	7 12 S	9 13 SSE	10 15 SSE	10 16 SSE	9 15 SE	11 17 SE	11 17 SE	12 18 SSE	11 17 SSE	12 18 SSE	11 17 SSE	11 17 SSE	10 16 SSE	10 16 SSE	10 15 SSE	10 14 SSE	9 14 SSE	10 15 SSE	10 14 SSE	10 16 SSE	10 16 SSE	11 15 SSE	11 16 SSE	12 16 SSE	12 16 SE	12 17 SE
Shell Crude	7	8	8	9	9	8	8	9	9	8	8	10	10	10	9	11	11	12	12	12	11	11	11	11	10	10	9	10	10	10	11	11	11	12	12	12
	20	23	23	23	20	17	15	14	14	13	12	14	15	16	15	17	17	18	18	17	17	17	16	16	15	14	14	15	14	16	16	15	16	16	16	17
	SSE	SSE	SSE	S	S	S	S	S	S	S	S	SSE	SSE	SSE	SE	SE	SE	SSE	SE	SE	SE															
Lynchburg Ferries	8 21 SSE	9 23 SSE	9 24 SSE	9 23 S	9 21 S	8 18 S	8 15 S	9 15 S	9 14 S	8 13 S	8 12 SSE	10 15 SSE	10 15 SSE	10 16 SE	9 15 SE	12 17 SE	12 18 SSE	13 18 SSE	12 18 SSE	12 17 SSE	12 17 SSE	12 17 SSE	11 16 SSE	11 16 SSE	11 15 SSE	10 15 SSE	10 14 SSE	10 15 SSE	10 15 SSE	11 16 SSE	11 16 SSE	11 15 SSE	12 16 SSE	13 16 SE	13 16 SE	12 17 SE
Exxon 3	10	10	10	10	10	10	9	9	10	9	9	11	10	11	9	12	13	13	13	13	12	12	12	12	11	11	11	11	11	11	11	12	12	13	13	12
	22	23	24	24	21	18	16	15	15	13	13	15	15	16	15	17	18	19	18	17	17	17	16	16	16	15	15	15	15	16	16	15	16	16	17	17
	SSE	SSE	SSE	S	S	S	S	S	S	S	SSE	SSE	SSE	SE	SE	SE	SE	SSE	SE	SE	SE															
Morgans Point	14 23 SSE	13 24 S	14 25 S	14 25 S	13 22 S	11 19 S	11 16 S	11 16 S	11 16 S	10 14 S	10 13 SSE	12 15 SSE	11 15 SSE	12 16 SE	10 15 SE	14 18 SE	15 19 SE	15 19 SSE	15 19 SSE	15 18 SSE	14 18 SSE	14 18 SSE	14 18 SSE	14 17 SSE	13 17 SSE	13 16 SSE	13 16 SSE	13 16 SSE	12 16 SSE	13 16 SSE	12 16 SSE	12 16 SSE	12 16 SSE	13 17 SE	13 17 SE	13 17 SE
75/76	18	17	17	19	17	14	13	14	13	11	12	12	13	14	13	18	18	18	18	18	18	17	18	17	17	17	16	16	15	15	15	14	14	14	15	15
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	SSE	S	S	S	S	S	S	S	S	S	SSE	SSE	SSE	SE	SE	SE	SE	SSE	SE	SE	SE	SE														
63/64	18	18	18	19	18	15	14	15	13	12	11	11	13	13	14	18	19	19	20	19	19	18	19	18	18	18	17	18	17	16	16	14	14	14	15	15
	24	25	25	26	24	20	17	18	18	15	14	13	15	16	16	20	21	21	21	21	20	20	20	20	20	20	19	19	18	18	17	17	17	18	18	18
	SSE	S	SSE	S	S	S	S	S	S	S	SSE	SSE	SSE	SE	SE	SE	SE	SSE	SE	SE	SE															
51/52	18	19	19	19	18	16	14	15	14	12	11	10	12	12	14	17	18	18	19	19	18	18	18	18	18	17	17	17	16	16	15	14	13	14	14	14
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	SSE	S	SSE	SSE	S	S	S	S	S	S	SSE	SSE	SSE	SE	SE	SE	SE	SSE	SE	SE	SE															
37/38	17	19	19	19	18	16	14	14	14	12	10	9	11	12	13	16	17	17	18	18	17	17	17	17	17	16	16	16	16	15	14	14	13	13	14	14
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	SSE	S	SSE	SSE	S	S	S	S	S	S	S	SSE	SSE	SE	SE	SE	SE	SSE	SE	SE	SE															
25/26	16	16	16	18	16	14	12	13	12	11	8	9	10	10	12	14	15	16	16	16	15	15	15	15	15	14	15	14	14	14	13	13	12	12	13	13
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	SSE	S	SSE	SSE	S	S	S	S	S	S	S	SSE	SSE	SE	SE	SE	SE	SSE	SE	SE	SE	SE														
11/12	18	17	17	19	17	14	13	13	12	10	8	9	10	10	13	14	15	16	16	16	15	15	15	15	15	15	14	14	14	14	13	12	11	12	12	13
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	SSE	SSE	SSE	SSE	SSE	S	S	S	S	S	S	SSE	SSE	SE	SE	SE	SE	SSE	SE	SE	SE	SE														
1 & 2 Bravo	20	19	20	20	19	16	13	13	12	11	9	9	10	11	14	16	17	18	18	18	17	18	17	17	17	17	16	16	16	15	14	13	12	12	12	13
	27	26	25	26	24	21	17	18	19	16	11	12	14	16	18	18	18	20	20	20	19	19	19	19	19	18	18	18	18	18	17	16	14	15	15	15
	SSE	SSE	SSE	SSE	SSE	S	S	S	S	S	SSE	SSE	SSE	SE	SE	SE	SE	SSE	SE	SE	SE	SE	ESE													

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## Houston Pilots: Thu. 5/11/2023





### **Forecast Discussion**

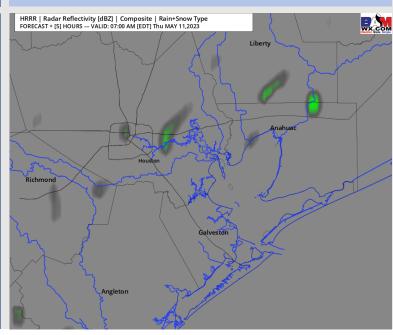
**Precip:** Scattered shower chances out through 7 AM, favoring dry conditions for the rest of the day as all other storms are expected to remain North of the Houston area.

Wind: Favoring sustained winds from the SE today. Winds will generally be 9 – 14 kts for stations North of Morgan's Point throughout the day. Stations South of Morgan's Point will see winds of 15 – 20 kts for much of the day, but favoring slightly calmer winds of 9– 14 kts between 12 – 5 PM local time. Gusts up to 25 kts are possible.

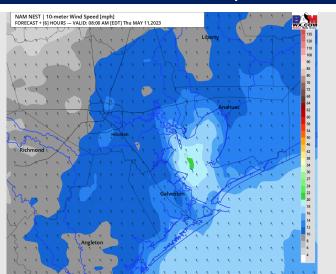
Temps: High temperatures today will be in the upper 70s for the Boarding Station and mid-upper 80s for all other stations.

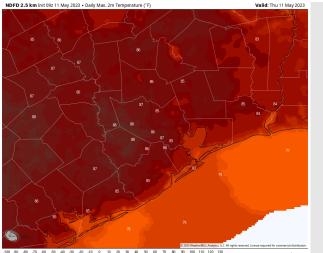
Visibility: Not anticipating any visibility concerns at this time via fog, but reduced visibility within scattered AM showers is possible.

#### Precip Image: 6 AM CT



Wind Speed: 7 AM CT





High Temps Today

## Houston Pilots: Fri. 5/12/2023





### **Forecast Discussion**

**Precip:** Favoring dry conditions throughout the day as precip chances trend to the North once again. Low end risk for scattered showers between 3 - 5PM if rain system trends South.

Wind: Sustained winds will be out of the SE throughout the day Friday. Winds N of Morgan's Point expected to be 8 - 13 kts throughout the day. Winds S of Morgan's Point will generally be 13 - 17 kts for most of the day, expected to pick up briefly to 15 - 20 kts between 9 PM - 1 AM.

Temps: High temperatures will be in the upper 70s for the Boarding Station and mid-upper 80s for all other stations.

Visibility: Not anticipating any fog concerns at this time.

Wind Speed:
10 PM CT

Richmond

Richmond

Angleton

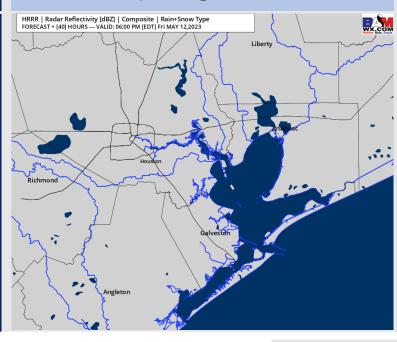
NAM NEST | 10-meter Wind Speed (mph) | FORECAST | (4S) HOURS -- VALID: 11:00 PM [EDT] Fri MAY 12,2023

Liberty

Anahuse

A

#### Precip Image: 5 PM CT





High Temps Friday

## Houston Pilots: Sat. 5/13/2023





### **Forecast Discussion**

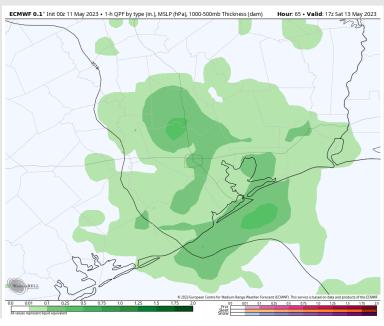
**Precip:** Favoring dry conditions through most of the morning, then after 11 AM, scattered showers and storms will work in where they are expected to stay through Sunday AM.

Wind: Favoring winds out of the SE Saturday with winds N of Morgan's Point at 5-10 kts and winds S of Morgan's Point at 18-23 kts. Gusts up to 25 kts cannot be ruled out Saturday.

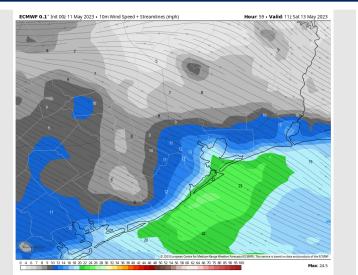
Temps: High temperatures in the upper 70s F at the Boarding Station and in the mid 80s F at all other stations.

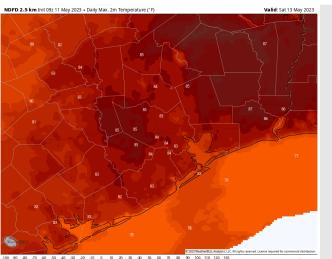
Visibility: Not anticipating any fog concerns at this time.

#### Precip Image: 12 PM CT



Wind Speed: 6 AM CT



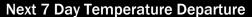


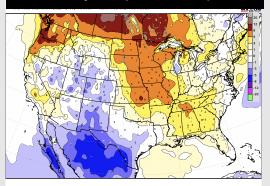
High Temps Saturday

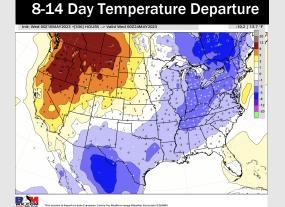
## Houston Pilots: 5/11/23

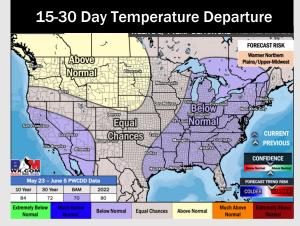


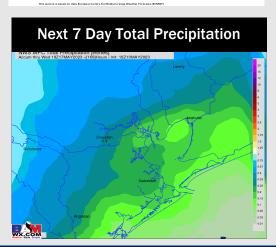


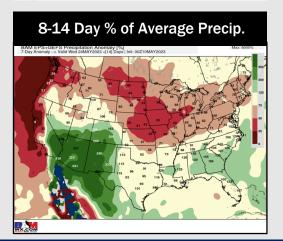


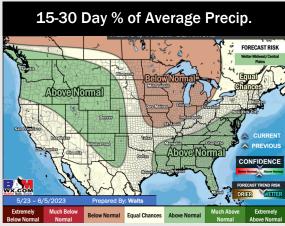












- Best precip overall looks to sit further west in Central TX, with low end chances for precip over the coming days. The second half of week 1 holds the greatest rain risk. Temperatures slightly above normal for this time of year.
- Expecting near normal precipitation chances and slightly below normal temperatures for the week
   2 timeframe.
- Seasonable to below normal temperatures and seasonable to slightly above normal chances for precipitation are favored in the week 3/4 timeframe.