# **Houston Pilots Forecast Package**

Updated: 4:45 AM CT

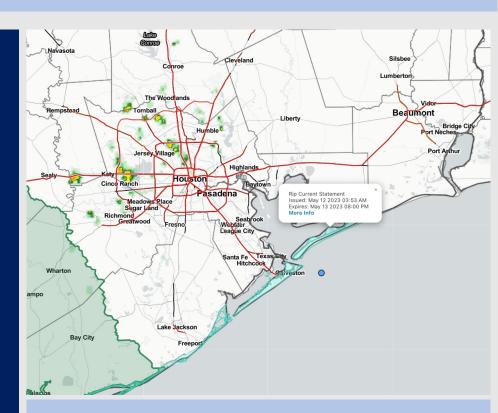
**Saturday, May 13, 2023** 

**Forecaster: Bret Walts** 



## **Weather Headlines**

- Watching for an active period of rounds of showers and thunderstorms over the next few days, check the daily slides below for more info on a few strong to severe storm threats to watch.
- Periods of elevated winds are likely for the early this morning as sustained winds at the Boarding Station are favored to pick up to 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: 4:45 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**





## **Tuesday 5/16/23**

Low end risk for radiation fog for stations N of Morgan's Point Tuesday AM due to low level moisture, calm winds and lack of cloud cover.

#### **Wednesday 5/17/23**

Low end risk for radiation fog for stations N of Morgan's Point Tuesday AM due to low level moisture, calm winds and lack of cloud cover.

#### **Forecast Confidence**

Above Below Normal Normal

#### **Forecast Confidence**

Above Below Normal Normal

#### **Thursday 5/18/23**

Not anticipating sea any fog concerns at this time.

#### **Chance for Reduced Visibility**

Tuesday AM
Possible
Tuesday PM
Unlikely
Wednesday AM
Unlikely
Wednesday PM
Unlikely
Thursday AM
Unlikely
Unlikely
Unlikely

#### **Forecast Confidence**

Above Below Normal Normal

## Houston Pilots Visibility Chart (miles)





#### **Forecast Confidence**



63/64

51/52

37/38

25/26

11/12

Bravo

**Below Normal** 

Time			Sat 5am					Sat 10am									Sat 7pm	Sat 8pm	Sat 9pm		Sat 11pm			Sun 2am											Sun 1pm	
610 Bridge	10	10	10	10	7	6	9	10	10	10	10	10	10	10	10	10	8	10	10	10	10	10	10	10	10	10	8	7	6	6	6	8	8	10	10	10
Kinder 1	10	10	10	10	7	6	9	10	10	10	10	10	10	10	10	10	8	10	10	10	10	10	10	10	10	10	8	7	6	6	7	8	9	10	10	10
Greens Bayou	10	10	10	10	7	6	9	10	10	10	10	10	10	10	10	10	9	10	10	10	10	10	10	10	10	10	8	8	7	7	8	9	10	10	10	10
Shell Crude	10	10	10	10	7	6	9	10	10	10	10	10	10	10	10	10	8	10	10	10	10	10	10	10	10	10	8	8	8	8	8	10	10	10	10	10
ynchburg Ferries	10	10	10	10	7	6	9	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	8	8	8	8	8	10	10	10	10	10
Exxon 3	10	10	10	10	7	6	9	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	8	8	8	8	8	10	10	10	10	10
Morgans Point	10	10	10	10	7	6	9	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	8	8	8	8	8	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 Knots	Sat 3am	Sat 4am	Sat 5am	Sat 6am	Sat 7am	Sat 8am	Sat 9am	Sat 10am	Sat 11am '	Sat 12pm	Sat 1pm	Sat 2pm	Sat 3pm				Sat 7pm			Sat 10pm		Sun 12am	Sun 1am	Sun 2am				Sun 6am								Sun 2pm
610 Bridge	8 20 SE	8 21 SE	9 21 SE	8 23 SE	8 24 SE	9 22 SE	9 20 SSE	10 19 SE	13 22 SSE	8 20 SSE	8 15 SSE	8 14 SSE	5 12 ENE	9 17 ESE	10 19 SE	13 19 SE	13 19 ESE	13 19 ESE	12 18 ESE	12 18 ESE	12 18 SE	11 17 SE	11 16 SE	10 16 SE	9 14 SE	9 14 SE	8 13 SE	7 11 SE	6 10 ESE	7 10 ESE	7 10 ESE	8 12 ESE	10 11 ESE	10 11 ESE	10 13 ESE	10 12 SE
Kinder 1	8	8	9	8	8	9	9	10	12	8	8	8	5	9	10	13	13	13	12	12	11	11	10	10	9	9	9	8	7	7	7	8	10	10	10	10
	21	21	21	23	24	22	20	20	22	21	15	14	13	17	19	19	19	19	18	18	17	17	16	16	14	14	13	12	10	11	11	12	11	11	13	12
	SE	SE	SE	SE	SE	SE	SSE	SSE	SSE	SSE	SSE	SSE	E	ESE	SE	SE	ESE	ESE	ESE	ESE	SE	SE	SE	SE	SE	SE	SE	SE	ESE	SE						
Greens Bayou	8 21 SE	8 21 SE	8 21 SE	8 24 SE	8 23 SE	9 23 SE	9 20 SSE	10 21 SSE	12 22 SSE	9 20 SSE	9 17 SE	7 14 SE	5 15 SE	9 18 ESE	11 19 SE	13 19 SE	13 19 ESE	12 19 ESE	12 18 ESE	11 17 ESE	11 17 SE	10 16 SE	10 16 SE	10 15 SE	9 14 SE	9 14 SSE	8 13 SE	8 12 SE	7 10 ESE	7 11 ESE	8 11 ESE	9 12 ESE	10 12 ESE	10 11 ESE	10 13 SE	11 12 SE
Shell Crude	9 21 SE	9 21 SE	8 21 SE	9 24 SE	8 23 SE	10 23 SE	9 20 SSE	11 21 SSE	11 21 SSE	11 21 SSE	9 17 SE	9 16 SE	7 17 SE	10 18 ESE	11 20 SE	13 19 SE	13 20 ESE	13 19 ESE	12 18 ESE	12 18 ESE	11 17 SE	10 16 SE	10 16 SE	10 16 SE	9 14 SE	10 14 SSE	9 14 SSE	8 12 SE	7 11 ESE	8 12 SE	8 11 ESE	9 12 ESE	10 12 ESE	10 12 ESE	10 13 SE	11 12 SE
Lynchburg Ferries	9 21 SE	9 21 SE	8 21 SE	9 24 ESE	8 22 SE	10 23 SE	9 21 SSE	11 22 SSE	11 20 SSE	11 20 SSE	10 18 SE	9 17 SE	9 18 SSE	10 18 SE	11 19 SE	14 19 SE	14 20 ESE	13 19 ESE	13 18 ESE	12 18 ESE	11 16 SE	11 16 ESE	11 15 SE	10 15 SE	9 14 SE	10 14 SSE	9 13 SSE	8 12 SE	8 11 ESE	8 12 SE	8 11 ESE	9 12 ESE	10 12 ESE	10 12 SE	11 13 SE	11 13 SE
Exxon 3	9	10	9	10	9	11	11	11	12	12	11	11	10	11	12	14	14	14	14	13	12	12	11	11	10	11	10	9	9	9	9	9	10	10	11	12
	21	22	21	25	23	24	21	21	21	20	19	19	17	18	21	19	20	19	19	18	17	16	15	15	14	14	14	13	12	12	11	12	12	12	13	13
	SE	SE	SE	ESE	SE	SE	SSE	SSE	SSE	SSE	SE	SE	SSE	SE	SE	SE	ESE	ESE	SE	ESE	SE	SE	SE	SE	SE	SSE	SSE	SE	SE	SE	ESE	ESE	ESE	SE	SE	SE
Morgans Point	12 22 SE	14 23 SE	12 23 SE	14 27 SE	13 25 SE	15 25 SE	13 22 SSE	13 21 SSE	14 22 SSE	14 22 SSE	14 21 SSE	14 21 SE	11 16 SE	13 18 SE	15 22 SE	16 20 ESE	16 21 ESE	16 20 ESE	16 20 SE	15 19 ESE	14 18 SE	14 17 SE	12 16 SE	12 15 SE	12 15 SE	12 16 SSE	12 15 SSE	11 14 SE	10 13 SE	10 13 SE	10 12 ESE	10 13 ESE	11 13 ESE	11 13 SE	12 14 SE	12 14 SE
75/76	17	19	17	20	19	19	17	16	16	17	15	17	11	15	18	19	19	20	20	18	18	17	16	15	15	16	15	14	13	13	13	13	13	13	13	14
	23	25	25	29	27	27	24	22	23	23	20	21	15	19	22	21	22	22	22	20	20	19	18	17	17	19	17	16	15	15	14	14	14	14	15	16
	SE	ESE	SE	SE	SE	SE	SSE	SSE	SSE	SSE	SSE	SSE	SE	SE	ESE	ESE	ESE	ESE	SE	ESE	SE	SE	SE	SE	SE	SSE	SE	SSE	SE	ESE	ESE	ESE	ESE	SE	SE	SE
63/64	17	19	18	21	20	20	18	16	16	15	14	14	11	15	18	20	20	21	21	19	19	18	17	16	17	17	17	15	14	14	14	14	14	14	13	14
	23	26	26	29	28	28	24	23	22	21	19	19	17	18	21	22	22	23	22	21	20	20	19	18	19	19	18	16	15	16	15	15	15	15	15	16
	SE	ESE	SE	SE	SE	SE	SSE	SSE	SE	SSE	SE	SSE	SE	SE	ESE	ESE	ESE	ESE	ESE	ESE	SE	SE	SE	SE	SE	S	SE	SSE	SE	ESE	ESE	ESE	ESE	SE	ESE	SE
51/52	17	19	18	21	20	20	18	16	16	15	15	13	14	15	18	19	19	20	20	19	18	18	16	16	17	16	16	14	14	14	14	14	14	14	13	14
	23	27	26	29	29	28	24	23	21	20	20	18	18	18	21	21	21	22	22	20	20	20	18	18	18	18	18	16	15	15	15	15	15	15	15	15
	SE	ESE	SE	SE	SE	SE	SSE	SE	SE	SSE	SE	SSE	ESE	SE	SE	SE	SE	SE	SSE	SE	SSE	SE	ESE	ESE	ESE	ESE	ESE	ESE	SE							
37/38	16	18	17	19	19	19	17	15	15	15	16	12	14	15	17	19	18	19	19	18	17	17	16	16	16	15	15	13	13	13	13	13	13	13	13	14
	23	27	26	29	29	28	24	22	21	21	21	17	18	18	21	21	20	21	21	20	19	19	18	18	17	17	17	15	14	14	15	14	15	15	15	15
	ESE	ESE	SE	ESE	SE	SE	SSE	SE	SE	SSE	SE	SSE	ESE	SE	SE	SE	SE	SE	SSE	SE	SSE	SE	ESE													
25/26	15	17	15	18	18	18	16	14	14	14	14	12	13	15	16	17	16	17	17	16	15	15	14	14	14	14	13	12	12	12	12	12	12	13	13	13
	23	27	26	29	29	28	24	22	21	21	20	18	17	18	21	20	19	20	20	19	18	18	17	17	16	16	16	14	13	13	14	13	14	14	15	14
	ESE	ESE	SE	ESE	SE	SE	SSE	SE	SE	SSE	SE	SSE	ESE	SE	SE	SE	SE	SSE	SE	SE	ESE															
11/12	16	18	17	19	20	19	16	14	14	14	14	16	13	15	17	17	16	17	16	16	15	15	14	14	14	13	13	12	11	12	12	12	12	12	12	12
	24	28	26	29	30	28	25	22	21	21	19	21	16	18	21	20	18	20	19	19	18	18	17	17	16	15	15	14	13	13	14	13	13	14	14	14
	ESE	ESE	SE	ESE	SE	SE	SSE	SE	SE	SE	SE	SE	ESE	SE	SE	SE	SE	SE	SE	SE	ESE															
1 & 2 Bravo	18 25 ESE	21 29 ESE	20 28 SE	21 30 ESE	22 32 SE	21 30 SE	18 26 SSE	16 22 SE	15 22 SE	15 21 SE	15 21 SE	14 19 ESE	14 16 ESE	16 19 ESE	19 23 ESE	18 20 ESE	18 19 ESE	19 21 ESE	18 20 ESE	18 20 ESE	17 19 ESE	17 19 SE	16 17 SE	16 18 SE	16 17 SE	14 16 SE	14 15 SE	13 14 SE	13 14 ESE	14 15 ESE	13 14 ESE	13 14 ESE	13 14 ESE	13 15 ESE	13 14 ESE	12 13 ESE

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





#### **Forecast Discussion**

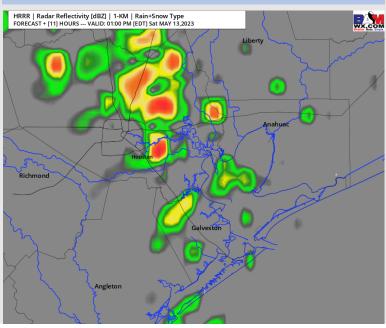
Precip: Mostly dry to start out the morning, a few isolated showers are present in the area. After 9 AM, a broken area of showers and storms will work in where they can linger into the afternoon becoming more hit and miss after 2PM and through the evening. A few strong to severe storms possible with wind and hail the main threat.

Wind: Favoring winds out of the SE Saturday with winds N of Morgan's Point at 8 - 13 kts and winds S of Morgan's Point at 15 - 20 kts. Gusts up to 25+ kts cannot be ruled out Saturday, locally higher in strong/severe storms.

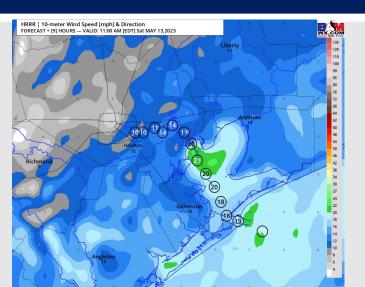
Temps: High temperatures in the upper 70s F at the Boarding Station and in the mid 80s F at all other stations.

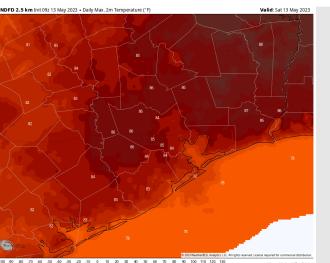
Visibility: Not anticipating any fog concerns at this time, but visibility could be reduced by locally heavier showers and storms.

#### Precip Image: 12PM CT



Wind Speed: 7 PM CT





High Temps Saturday

## Houston Pilots: Sun. 5/14/2023





## **Forecast Discussion**

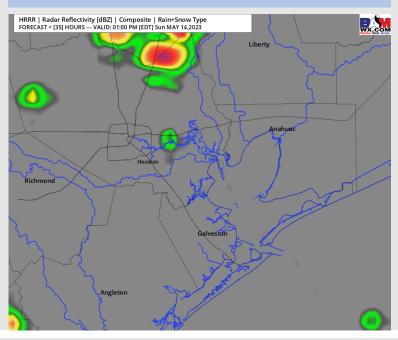
Precip: Anticipating scattered showers and storms to begin to work into the area through most of the day, until around 4 PM where chances will taper off, however a few isolated showers will still be possible through the rest of the evening.

Wind: Favoring winds to be out of the SE throughout Sunday. Winds north of Morgan's Point in the 5-10 kts range while winds south of Morgan's Point at 15-20 kts. Around the lunch timeframe, winds N of Morgan's Point will elevate up towards 10-15 kts. Gusts may reach 25 kts Sunday.

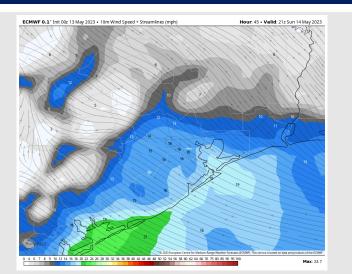
Temps: High temperatures Sunday will be in the upper 70s F near the Boarding Station with all other locations being in the mid 80s F.

Visibility: Not anticipating any visibility concerns at this time via fog, but visibility could be reduced by locally heavier showers and storms.

#### Precip Image: 12 PM CT



Wind Speed: 4 PM CT





High Temps Sunday

# Houston Pilots: Mon. 5/15/2023





## **Forecast Discussion**

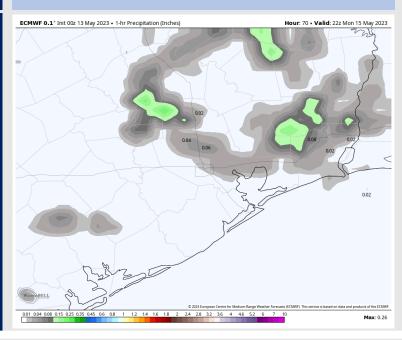
**Precip:** Favoring dry conditions throughout the morning Monday. After noon, scattered showers and storms are expected to work in which will likely last through the rest of the day. Favoring the heaviest of this rain to sit just North of Stations.

Wind: Favoring winds out of the ENE Monday morning at 3 – 8 kts. Winds will remain fairly calm through the day but will become variable getting into the late afternoon.

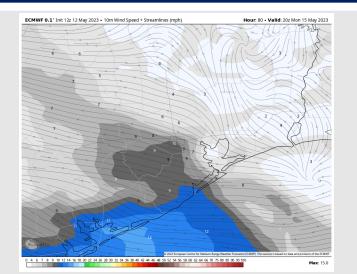
Temps: High temperatures Monday in the upper 70s F for stations south of Morgan's Point and in the upper 80s F for stations N of Morgan's Point.

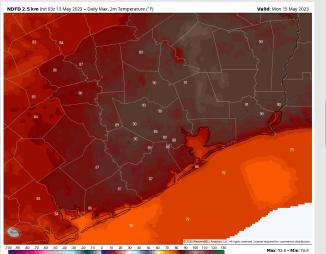
Visibility: Model data picking up on a low end risk for radiation fog (primarily NE of stations N of Morgan's Point) Monday morning. Calm winds, low level moisture from previous rain and lack of cloud cover for that area all support this potential radiation fog development.

#### Precip Image: 5 PM CT



Wind Speed: 3 PM CT





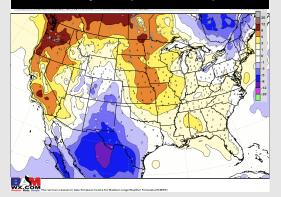
High Temps Monday

## Houston Pilots: 5/13/23



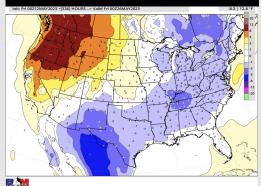


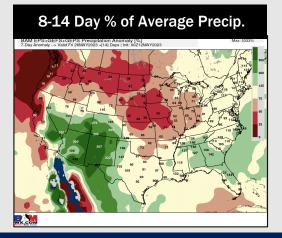
#### **Next 7 Day Temperature Departure**



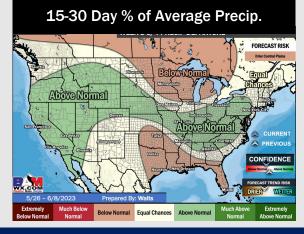


#### **8-14 Day Temperature Departure**





# 15-30 Day Temperature Departure FORECAST RISK Warmer Plains Coder SE US Coder SE US COLOR SE US CONFIDENCE TORICAST HISK Warmer Plains Coder SE US CONFIDENCE CONFIDENCE CONFIDENCE CONFIDENCE COLOR ST USA CONFIDENCE CONFIDENCE COLOR SE US CONFIDENCE COLOR SE US CONFIDENCE COLOR SE US CONFIDENCE COLOR SE US COLOR SE US CONFIDENCE COLOR SE US COLOR SE US



- Best precip overall looks to sit further northwest in Central TX, with the weekend timeframe holding the greatest rain risk. Temperatures slightly above normal for this time of year but starting to trend cooler.
- Expecting near normal precipitation chances and slightly below normal temperatures for the week2 timeframe.
- Seasonable to below normal temperatures and seasonable to slightly below normal chances for precipitation are favored in the week 3/4 timeframe.