# **Houston Pilots Forecast Package**

Updated: 12:45 PM CT

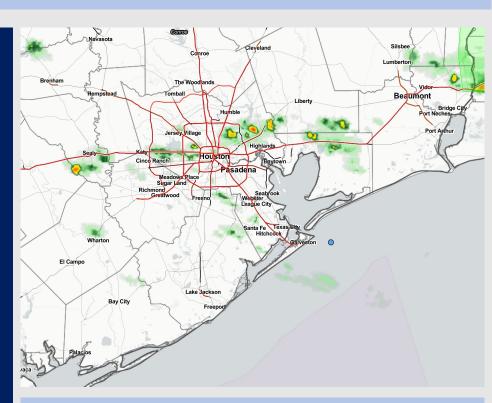
Wednesday, March 29, 2023

Forecaster: Alyssa McClung



## **Weather Headlines**

- Fog is not anticipated today or over the next couple days. Eyeing into the late weekend for the potential for fog threats to come back.
- Some elevated winds will be possible over the next few days with wind gusts \*generally\* in the 15 – 25 kt range (more info in following slides). Anticipating winds to calm down FRI PM.
- Overall, several minor chances for precipitation over the next few days with rainfall amounts generally light. Favoring periods of dryness to outweigh periods of sprinkles/showers



Radar/NWS Alerts: 12:45 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**





### **Saturday 4/1/23**

A very low end risk for patchy fog exists Sat AM for a few hours, but right now the signal is rather weak for any widespread, impactful fog.

### **Sunday 4/2/23**

Precip could lead to some lowered visibility, but right now not favoring a fog threat Sunday.



### Monday 4/3/23

Fog chances will still be possible with winds out of the S/SE throughout the day on Monday.

# Above Normal Below Normal



### Chance for Reduced Visibility

Saturday AM	Possible
Saturday PM	Unlikely
Sunday AM	Unlikely
Sunday PM	Unlikely

Monday PM

Monday AM	Possible

**Possible** 

# **Houston Pilots Visibility Report**





### Confidence

Above Normal



Time	Wed 12pm		Wed 2pm		Wed 4pm		Wed 6pm	Wed 7pm		Wed 9pm	Wed 10pm			Thu 1am	Thu 2am				Thu 6am				Thu 10am					Thu 3pm	Thu 4pm	Thu 5pm	Thu 6pm	Thu 7pm	Thu 8pm	Thu 9pm	Thu 10pm	Thu 11pm
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	9	8	7	7	7
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	9	8	7	7	7
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	8	8	7	7	7
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	9	8	7	7	7	7
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	9	8	8	7	7	7
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	9	8	7	7	7	7
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	9	7	8	7	7	7	7
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	9	7	8	7	7	7	7
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	8	7	8	7	7	7	7
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	9	9	8	8	7	8	7	7	7	7
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	8	7	6	8	7	7	7	7	7	7
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	9	7	7	7	8	9	7	7	7	7	7
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	9	7	7	7	8	7	7	7	7	7	7
1 & 2 Bravo	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	9	9	9	9	9	9	9	9	8	8	7	7	7	8	7	7	7	7	7	7

# **Houston Pilots Wind Report**







Sustained wind 13 Knots

Gusts 18 Knots

Wind from the N

WS: 13 G:18 N

Example

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

# Houston Pilots: Wed. 3/29/2023





### **Forecast Discussion**

**Precip:** Anticipating a 40% chance for scattered showers and thunderstorms out through 2 PM. A 10 - 20% spotty sprinkle and a shower will be possible after 2 PM and then through the rest of the afternoon.

Wind: Winds north of Morgan's Point this PM are anticipated to be weaker out of the NE sustained around 6 – 10 kts. Winds towards the Boarding Station will continue to remain elevated around 13 – 18 kts sustained with gusts 18-23 knots. Winds into the afternoon will slowly start to shift, and be more out of the SE by 5-6 PM.

Temps: Low temperatures Thursday AM in the mid 60s F at the Boarding Station and in the low 60s F at all other stations.

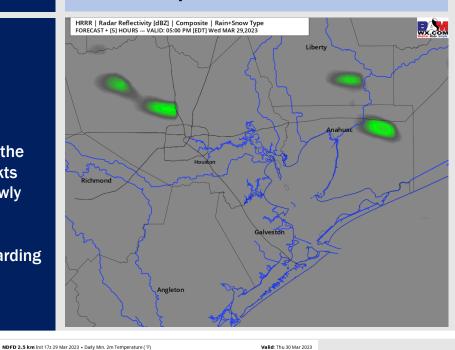
Visibility: No fog is expected today.

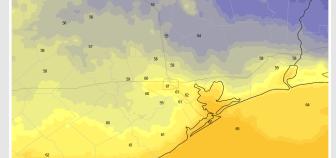
Wind Speed

5 PM CT

# HRRR | 10-meter Wind Speed [mph] & Direction FORECAST + [6] HOURS -- VALID: 06:00 PM [EDT] Wed MAR 29.2023 Liberty 8 Richmond 10 Ric

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





Low Temps Thursday AM

# Houston Pilots: Thur. 3/30/2023





### **Forecast Discussion**

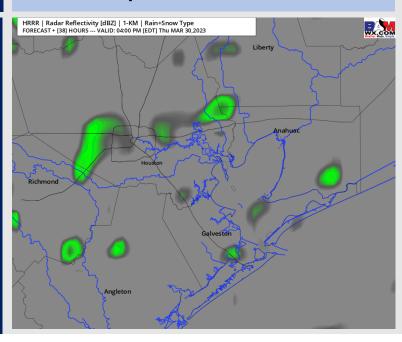
Precip: Shower chances will be present towards the 12 PM - 5 PM with a 30% chance for precipitation, with majority of storms staying to the west.

Wind: SE winds will be present all day on THU. Winds in the AM will be 10-15 kts south of Morgan's Point and will increase into the afternoon/evening. Winds after 2 - 3 PM THU are anticipated to be sustained near 13 - 18 kts (closer to 5-10 knots near the 610 Bridge). Wind gusts of up to 20-25 kts will be possible across stations south of Morgan's Point during the afternoon/evening hours.

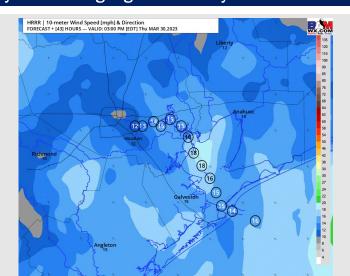
**Temps:** High temperatures Thursday will be in the mid 70s F north of Morgan's Point and in the lower 70s F south of Morgan's Point.

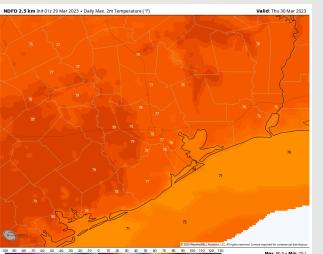
Visibility: Currently not favoring fog for Thursday.

### **Precip Forecast: 3 PM CT**



Wind Speed 5 PM CT





High Temps Thursday

# Houston Pilots: Fri. 3/31/2023





### **Forecast Discussion**

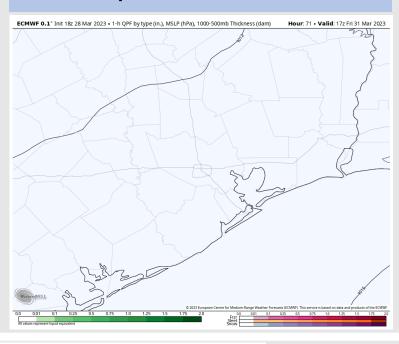
**Precip:** Anticipating dry conditions throughout the day on Friday

Wind: Sustained winds out of the SE during the AM hours on Friday and out of the SW during the PM hours. Wind speeds be 13-18 kts north of Morgan's Point and 17-22 kts south of Morgan's Point for most of the day (with gusts 20-25 knots possible). After 8 PM on Friday, wind speeds will calm down to 6-10 kts.

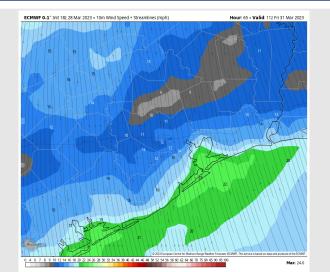
Temps: High temperatures on Friday will be in the mid/upper 70s F south of Morgan's Point and low 80s F north of Morgan's Point.

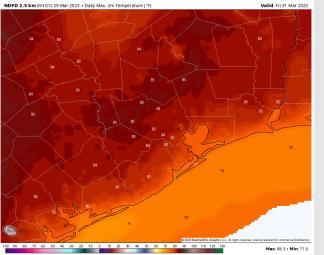
Visibility: Do not anticipate Fog for FRI at this time but will continue to monitor for the low-end risk.

### **Precip Forecast: 12 PM CT**



Wind Speed 6 AM CT



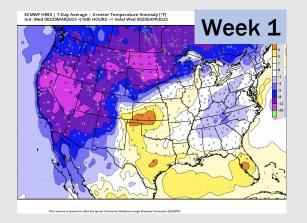


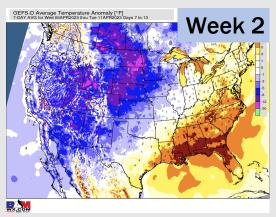
High Temps Friday

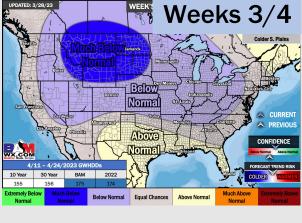
# Houston Pilots: 3/29/23

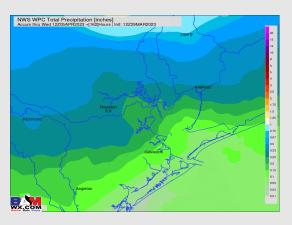


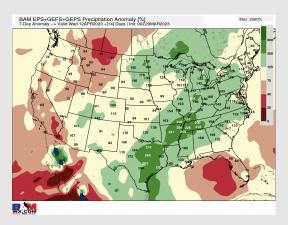


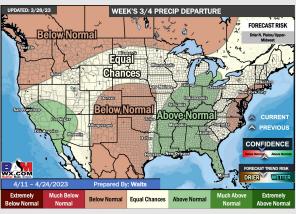












- There will be a few rain chances this week that are generally on the lighter side. Today's rain around the area is the "heaviest" over the next 7 days but will need to watch how things trend for SUN (current thinking is heaviest goes to the north). Temperatures are expected to be above normal over the next seven days.
- Expecting above normal precipitation chances and above normal temperatures extending into the week 2 timeframe.
- Anticipating above normal temperatures and above to near normal chances for precipitation favored in the week ¾ timeframe.