Houston Pilots Forecast Package

Updated: 1:40 PM CT Wednesday, April 5, 2023

Forecaster: Alyssa McClung

Weather Headlines

- Reduced this afternoon will continue to be possible at the boarding station and points surrounding as misty / rainy conditions work through the area this evening.
- This week will be windier than average with the only "calmer" period looking to come today.
 Otherwise, there will be multiple days with sustained winds 13-18+ kts possible, as well as gusts of ~25 kts.
- Tomorrow through Saturday holds daily rain chances with higher-than-average confidence. Several inches of rain (3-5") will be possible by the end of the weekend, with 1 -2 inches possible on Thursday and Friday.



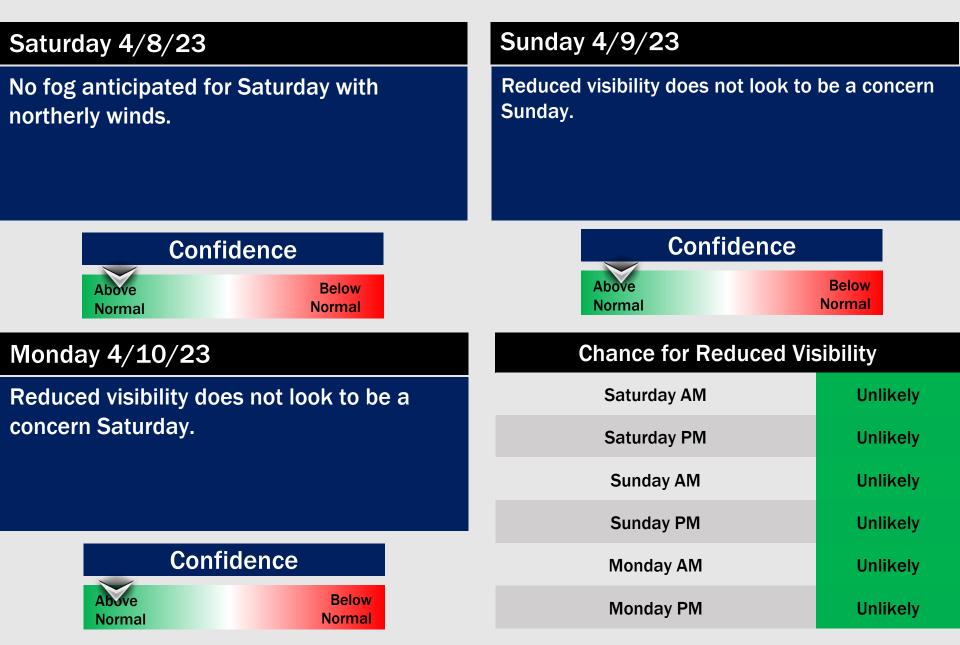
Houston Pilots



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





Houston Pilots Visibility Report





	Wed 1pm	Wed 2pm	Wed 3pm	Wed 4pm	Wed 5pm	Wed 6pm	Wed 7pm	Wed 8pm	Wed 9pm	Wed 10pm	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 10pm	Thu 11pm	Fri 12am
610 Bridge	6	6	6	6	5	5	5	6	5	6	6	6	6	6	6	6	6	6	5	3	3	2	3	3	3	3	3	3	3	2	3	4	5	5	4	4
Kinder 1	6	6	6	6	6	6	5	6	5	6	6	6	6	6	6	6	6	6	6	3	3	2	3	3	3	3	3	3	3	2	3	4	5	5	4	4
Greens Bayou	7	7	7	6	6	6	5	6	6	6	6	6	6	6	6	6	6	6	6	3	3	3	3	3	3	4	3	3	3	3	3	4	5	5	4	4
Shell Crude	7	7	7	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	4	3	3	4	3	4	4	3	3	3	3	3	4	5	5	4	4
Lynchburg Ferries	7	7	7	6	6	6	6	6	6	6	6	6	6	6	6	6	6	7	6	4	3	3	4	3	4	4	3	3	3	3	3	4	5	5	4	4
Exxon 3	7	7	7	6	6	6	6	6	6	6	6	6	6	6	6	6	6	7	7	4	4	3	4	3	4	5	4	4	4	4	3	4	5	5	4	4
Morgans Point	7	7	7	6	6	6	6	6	6	6	6	6	6	6	6	6	6	7	7	5	4	4	5	4	5	6	5	5	5	5	4	3	4	4	4	5
75/76	6	6	6	6	6	5	6	6	6	6	5	6	5	6	6	6	6	7	7	6	5	5	6	6	6	7	6	6	6	5	4	2	3	3	3	4
63/64	6	6	6	6	5	5	5	5	6	6	5	5	5	5	5	6	5	6	7	6	6	6	7	7	7	8	7	6	6	6	4	2	2	2	3	5
51/52	5	6	5	6	5	4	5	5	5	5	5	5	4	5	5	5	5	6	7	6	6	6	7	7	7	7	7	6	6	6	3	1	1	2	2	5
37/38	5	5	5	5	5	4	4	4	5	5	4	4	4	4	5	5	5	6	6	6	6	6	6	6	7	7	6	6	6	6	2	1	2	3	2	5
25/26	5	5	5	5	4	4	4	4	5	5	4	4	4	4	4	5	6	7	7	6	6	6	6	6	7	7	6	6	6	6	1	1	2	3	2	4
11/12	4	5	5	5	4	4	4	4	4	4	4	4	4	4	4	4	6	7	7	7	7	7	7	7	7	7	6	6	7	6	1	1	3	4	1	4
1 & 2 Bravo	5	5	5	4	4	4	4	4	4	5	4	4	4	4	4	4	7	7	7	7	7	7	7	7	7	7	6	5	7	5	0.6	1	4	5	1	4

Houston Pilots Wind Report



	Confidence																								Example											
	Above Below																		Sı	ısta	inec	l wi		Δ,	ws	3										
							ove rma									elow rma								0	aust	s 18	3 Kn		•	G:18 N						
					-																		Wind from the N										r	N		
Time Knots	Wed 1pm	Wed 2pm	Wed 3pm	Wed 4pm	Wed 5pm	Wed 6pm	Wed 7pm	Wed 8pm	Wed 9pm	Wed 10pm	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 11pm	Fri 12am
610 Bridge	8	7	8	11	11	11	9	11	12	10	9	9	8	9	9	13	13	13	11	12	10	10	10	10	10	12	11	11	12	12	13	14	14	16	15	15
	11	10	11	16	19	21	21	26	28	26	23	22	20	22	20	19	20	20	17	18	16	15	15	16	16	18	16	17	18	18	20	21	22	24	22	23
	S	SW	NNW	NNW	N	N	ENE	E	N	NNE	NE	NE	NE	NE	NNE	NNE	NNE	NNE	NNE	NE	NE	NE														
Kinder 1	8	7	8	10	11	11	9	10	11	10	9	8	7	9	8	12	13	13	11	11	10	10	10	10	10	11	11	11	12	12	13	14	14	16	14	15
	12	11	10	16	19	21	22	26	28	26	23	21	19	21	20	19	19	19	17	17	15	15	15	16	16	17	16	17	18	18	20	21	21	24	22	23
	S	SSW	NW	NNW	N	NNE	SSE	SSE	N	NNE	NE	NE	NE	NE	NNE	NNE	NNE	NNE	NNE	NE	NE	NE														
Greens Bayou	9 12 S	8 12 S	7 9 WNW	10 15 NNW	11 19 NNW	11 21 ESE	10 23 WNW	10 26 NW	10 26 N	9 26 NNE	7 23 NNE	7 21 NNF	7 18 NNE	8 21 NNF	7 19 NNE	12 19 NNF	12 19 NNE	13 19 NNE	11 17 NNE	11 17 NNE	10 15 NNE	10 15 NNE	10 15 NNE	10 16 NNE	10 15 NE	11 17 NE	11 16 NE	11 17 NE	12 18 NNE	12 18 NNE	13 19 NNF	14 21 NNE	14 21 NNE	16 24 NE	14 22 NE	15 22 NE
Shell Crude	9	9	6	9	11	11	10	9	10	9	7	7	6	7	7	12	12	12	11	11	10	10	10	11	11	11	11	11	12	12	12	14	14	16	14	15
	13	13	9	14	19	21	23	25	26	25	22	20	18	20	18	18	18	19	17	16	15	15	15	16	15	17	16	16	18	18	19	21	21	24	21	22
	S	SSE	WSW	NNW	NNW	SSW	N	N	N	NNE	NNE	NNE	NNE	NNE	NNE	N	NNE	NNE	NNE	NNE	NNE	NNE	NE	NNE	NE	NE	NE	NE	NE	NNE	NNE	NE	NE	NE	NE	NE
Lynchburg Ferries	9 13 S	10 14 SSE	6 9 SSW	8 12 NW	12 19 NNW	11 21 NNW	10 23 N	10 25 N	11 27 N	9 25 NNE	7 21 NNE	7 20 NNE	7 19 NNE	7 20 NNE	6 18 NNE	12 18 NNE	12 18 NNE	12 18 NNE	11 16 NNE	11 16 NNE	10 15 NNE	10 15 NNE	10 15 NE	11 16 NE	11 15 NE	11 17 NE	12 16 NE	11 16 NE	12 17 NE	12 18 NNE	13 19 NNE	14 21 NE	14 21 NE	16 23 NE	14 21 NE	15 22 NE
Exxon 3	9	10	8	7	11	11	11	10	11	9	8	8	8	8	7	12	12	12	11	11	11	11	10	11	11	11	12	11	12	12	13	14	15	16	15	15
	15	16	12	11	17	20	22	24	27	23	22	21	21	21	19	16	17	17	16	15	15	15	15	15	15	16	16	16	17	18	19	20	21	23	21	22
	SSE	SSE	SSE	SW	NNW	NNW	N	N	ESE	NNE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE												
Morgans Point	9 16 SSE	9 16 SE	9 14 SSE	8 12 S	9 14 WNW	12 19 NNW	13 22 N	12 23	13 26 WNW	12 24 NNE	11 23 NNE	11 22 NNE	11 22 NNE	11 22 NNE	10 20 NNE	12 16 NNE	13 17 NNE	13 17 NNE	12 16 NNE	12 15 NNE	12 16 NNE	12 16 NE	11 15 NE	11 15 NE	11 15 NE	12 17 NE	13 17 NE	12 17 NE	13 18 NE	14 18 NE	14 18 NE	15 20 NE	16 21 NE	17 22 NE	16 21 NE	17 23 NE
75/76	7	8	10	10	9	15	17	17	17	18	18	17	18	17	15	15	16	16	16	15	16	15	14	14	13	13	15	15	15	17	18	19	20	21	21	21
	16	16	16	15	13	19	22	23	25	25	24	23	23	22	20	17	18	18	18	17	18	18	17	17	16	18	19	19	19	19	20	21	23	24	24	24
	ESE	SE	SSE	SSE	SW	NNW	N	N	N	NNE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE										
63/64	6	9	11	12	11	15	19	19	20	21	21	19	20	19	18	16	17	17	18	17	17	17	15	15	14	14	16	15	16	18	19	21	22	23	23	23
	16	17	17	16	15	19	21	23	24	25	24	22	22	21	20	18	18	19	19	18	19	19	17	17	17	18	19	19	19	20	21	22	24	26	25	26
	ESE	SE	SSE	SSE	S	NNW	N	NNW	WSW	NNE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE										
51/52	4	9	11	12	12	11	17	19	20	22	20	18	20	19	19	15	16	16	17	16	17	17	15	15	14	14	15	15	15	17	19	20	21	23	22	22
	16	18	17	17	17	16	19	22	23	25	23	20	22	21	20	17	17	18	19	18	19	18	17	17	16	18	19	18	18	19	20	22	23	25	24	25
	SSE	SSE	SSE	5	SSE	W	NNW	WSW	E	NNE	NNE	NNF	NNE	NNF	NNF	NNE	NNE	NNE	NNF	NNF	NNF	NF	NE	NE	NE	NE	NF	NF	NF	NF	NE	NE	NE	NE	NE	NE
37/38	5	10	10	11	11	9	15	18	19	22	19	17	19	18	18	14	14	15	16	16	16	16	15	15	14	15	15	15	15	16	17	19	20	21	21	22
	17	19	17	17	16	14	17	21	22	25	21	18	21	20	20	16	16	17	17	17	18	17	16	16	16	17	18	17	17	18	19	21	21	24	23	24
	5	S	5	5	S	SSW	NNW	NW	N	NNE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE											
25/26	8	10	10	10	9	9	12	16	17	20	16	14	16	15	16	12	12	13	14	14	14	14	14	14	13	14	14	14	14	15	16	17	18	19	19	20
	18	19	17	16	16	15	15	19	21	24	19	16	19	18	19	14	14	15	16	16	17	16	16	16	15	16	17	17	17	18	18	20	20	22	21	23
	5	S	5	S	S	S	NW	NW	NE	N	NNE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE										
11/12	6	7	8	8	6	6	6	13	13	17	14	13	14	14	15	11	12	12	13	13	14	14	14	14	13	13	14	14	14	14	15	17	17	18	18	19
	17	17	17	16	14	14	12	17	18	22	18	15	17	17	19	13	14	14	15	15	16	16	16	16	15	16	16	16	17	18	18	20	20	21	21	23
	SSW	SSW	SSE	SSE	SSE	S	W	NNW	NE	NNE	NE	NE	NE	NE	NE	ENE	ENE	NE	NE	NE	NE	NE	NE	NE	NE											
1 & 2 Bravo	4	2	4	8	8	6	3	8	10	16	17	15	16	16	18	12	13	14	14	15	16	16	16	16	15	15	15	15	16	17	18	20	20	21	22	23
	14	10	11	14	15	14	12	11	11	17	18	15	16	17	20	13	14	15	16	16	17	17	17	17	16	16	16	17	17	19	19	22	21	23	23	24
	SSW	NW	ESE	SE	SSE	S	S	NW	WSW	S	NNE	NE	NE	NE	NE	NE	ENE	ENE	ENE	ENE	NE	NE	NE	NE	NE	NE	NE									

Houston Pilots: Wed. 4/5/2023



Forecast Discussion

Precip: A line of showers/thunderstorms continues to work SE. A couple isolated showers / storms out ahead of the front cannot be ruled out. But the best chance to see more substantial precipitation will come after 4 PM with continuous precipitation thereafter.

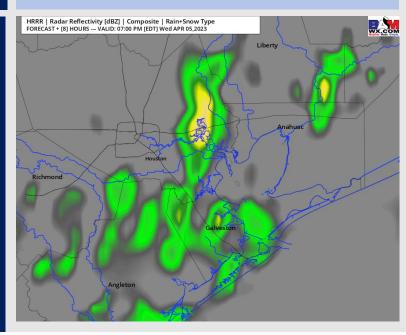
Wind: Southerly winds shift out of the NE as front moves through the channel by 7 PM. Sustained winds 13 – 18 kts expected through the early afternoon. From 6 to midnight, winds south of Morgan's Point will increase to 16 – 23 kts. Gusts of 25 – 30 kts will be possible through the rest of the day.

Temps: Low temperatures Thursday morning in the upper 60s F at the Boarding Station with temperatures at all other stations in the low 60s F.

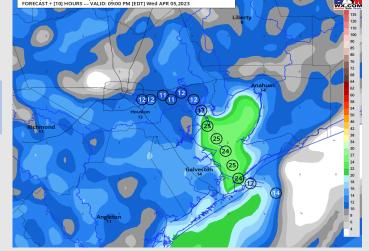
Visibility: Reduced visibility via low clouds/ mist down to 2-4 miles will continue to be possible at the boarding station. Any reduced visibility will be associated with heavier rain showers in the evening.

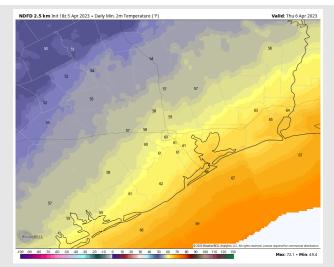
IRRR | 10-meter Wind Speed [mph] & Direction

Precip Forecast: 6 PM CT









Low Temps Thursday AM

Houston Pilots: Thu. 4/6/2023



Forecast Discussion

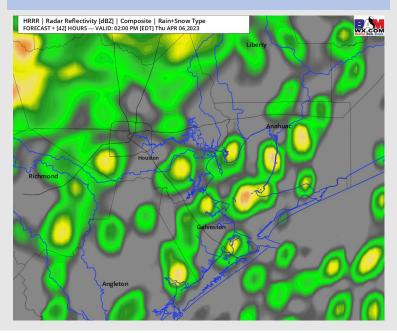
Precip: A stalled out front will continue to bring moderate to heavy rain throughout the day, with some uncertainty on whether heaviest rain will stay north of HOU metro. Towards 4 – 5 PM rainfall could lighten up a bit as the front will drift to the north, but it is likely rain will not come to a complete stop. 1 - 2 inches of rain will be likely on Thursday and locally higher amounts of up to 3 inches cannot be ruled out.

Wind: Northerly winds during the early AM hours will slowly veer from the NE towards 7 AM. Winds north of Morgan's Point will stay within 10 -15 kts and south of Morgan's Point will be 15 - 21 kts. Towards 8 PM winds will increase more south of 51/52 to 17 - 24 kts. Wind gusts of 23 - 28 kts will be possible south of Moran's Point after 4 PM.

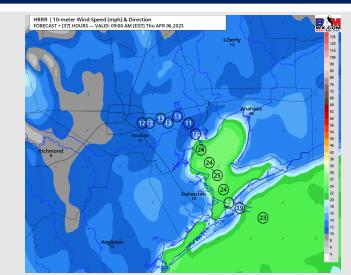
Temps: Much cooler for Thursday with temps in the upper 60s F to lower 70s F across all Stations.

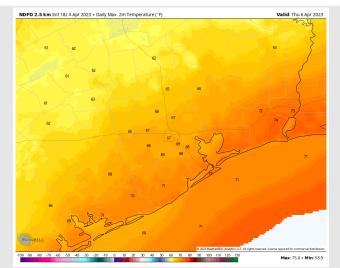
Visibility: Reduced visibilities will be possible via heavy rain to as low as 2 miles, but fog concerns will not be an issue.

Precip Forecast: 1 PM CT









High Temps Thursday

Houston Pilots: Fri. 4/7/2023



Forecast Discussion

Wind Speed

10 AM CT

Precip: Moderate to heavy rain will continue again on Friday as a stalled cold front continues to sit over the HOU area. 1-2 inches will be possible across the area on Friday again, with locally heavier totals closer to 3 inches.

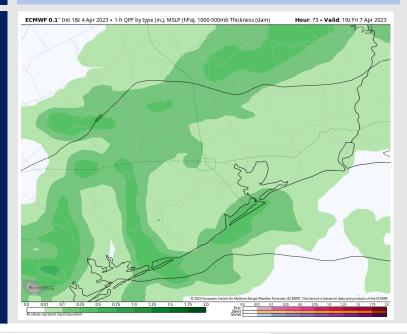
Wind: Winds will continue out of the E/NE all day on Friday. North of Morgan's Point, winds will be at 9 – 14 kts, with winds south of Morgan's Point being 16 – 22 kts throughout the day. Wind gusts of 24 – 29 kts will be possible south of Morgan's Point until 4 PM.

Temps: High temperatures on Friday will be in the high 60s F/low 70s across all stations.

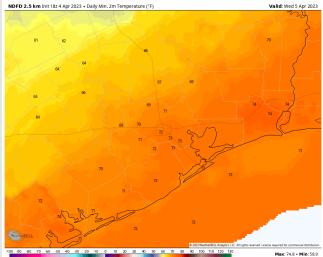
Visibility: Reduced visibilities will be possible via heavy rain to as low as 2 miles, but fog concerns will not be an issue on Friday.

ECMWF 0.1° Init 18z 4 Apr 2023 • 10m Wind Speed + Streamlines (mph)

Precip Forecast: 2 PM CT



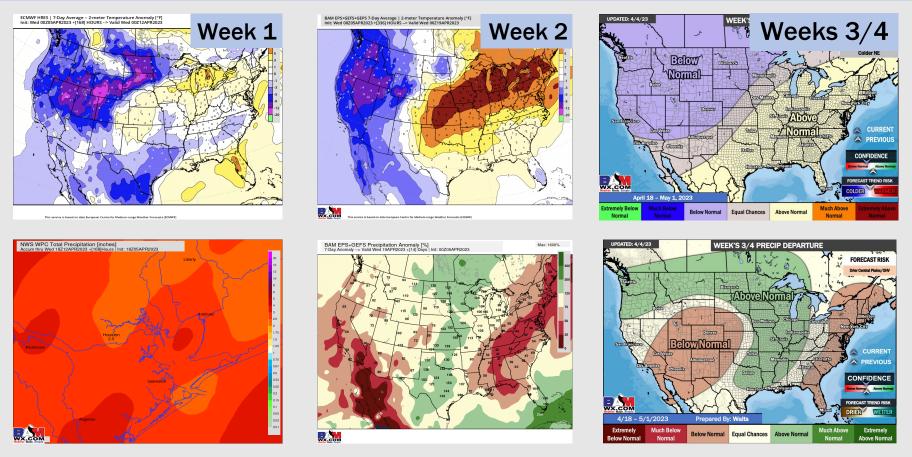
Hour: 45 • Valid: 15z Thu 6 Apr 2023



High Temps Friday

Houston Pilots: 4/5/23





- Expecting the next few days to be rather active in terms of precipitation as 3 5" of rain will be possible. A stalled-out front over the coast of Texas will be the culprit to heavy rain. The front looks to leave the area towards Saturday afternoon. Temperatures are expected to be below normal over the next seven days.
- Expecting below normal precipitation chances and slightly above normal temperatures extending into the week 2 timeframe.
- Anticipating above normal temperatures and slightly above normal chances for precipitation favored in the week ³/₄ timeframe.