Houston Pilots Forecast Package

Updated: 5:00 AM CT

Thursday, April 27, 2023

Forecaster: Alyssa McClung



Weather Headlines

- Strong to severe storms will continue moving through the area and exit by 7-8
 AM. More details on today's slide.
- Best precip shots over the coming days will be this AM, as well as the first part of Saturday.
- Threats for sea fog formation look very low with no strong signals over the next several days.



Radar/NWS Alerts: 5:00 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





Sunday 4/30/23

Reduced visibility does not look to be a concern for Sunday.

Monday 5/1/23

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

Forecast Confidence

Above Below Normal Normal

Forecast Confidence

Above Below Normal Normal

Tuesday 5/2/23

Reduced visibility does not look to be a concern for Tuesday.

Chance for Reduced Visibility

Sunday AM

Sunday PM

Unlikely

Monday AM

Unlikely

Monday PM Unlikely

Tuesday PM

Tuesday AM Unlikely

Unlikely

Above Below Normal Normal

Forecast Confidence

Houston Pilots Visibility Chart (miles)





Forecast Confidence



Below Normal

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Time									Thu 11am					Thu 4pm			Thu 7pm				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 1		Fri 1pm	
610 Bridge	6	5	5	5	5	5	6	6	6	7	7	8	10	10	10	10	10	10	10	10	10	10	10	9	6	6	6	5	3	6	10	10	10	10	10	10
Kinder 1	6	5	5	5	5	5	6	6	6	7	6	8	10	10	10	10	10	10	10	10	10	10	10	9	6	6	6	5	3	6	10	10	10	10	10	10
Greens Bayou	5	5	4	5	5	5	5	5	6	7	6	8	10	10	10	10	10	10	10	10	10	10	10	10	7	7	6	6	6	6	10	10	10	10	10	10
Shell Crude	4	4	4	4	4	4	4	5	6	7	6	8	10	10	10	10	10	10	10	9	10	10	10	8	8	9	10	10	10	10	10	10	10	10	10	10
Lynchburg Ferries	4	4	3	4	3	4	4	4	6	7	6	8	10	10	10	10	10	10	10	10	10	10	10	8	8	9	10	10	10	10	10	10	10	10	10	10
Exxon 3	4	4	3	4	3	4	4	5	6	7	6	8	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	4	4	3	3	3	4	4	5	6	7	6	8	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	4	4	4	3	4	4	5	6	6	7	7	8	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	5	4	4	4	4	4	5	6	6	8	8	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	6	6	4	5	4	4	5	6	7	9	8	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	6	6	5	6	4	4	5	6	8	10	8	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	7	6	6	6	6	6	5	6	8	10	8	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	7	6	6	6	6	6	5	6	8	10	8	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	7	6	5	4	4	4	6	6	8	8	8	6	7	8	10	10	9	10	10	10	10	10	10	10	10	10	10	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

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Time	Thu	Thu	Thu	Thu	Thu	Thu	Thu	Thu	Thu	Thu	Thu	Thu	Thu	Thu	Thu	Thu	Thu	Thu	Thu	Thu	Thu	Fri	Fri	Fri	Fri	Fri	Fri	Fri	Fri							
Knots	3am	4am	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
	4	6	5	9	8	5	6	5	2	1	2	3	5	7	8	10	9	7	5	4	4	3	3	3	2	3	2	2	2	2	3	4	5	6	6	7
610 Bridge	10	16	15	22	24	18	16	14	7	3	3	4	7	9	12	12	12	10	8	6	6	5	4	4	4	4	3	3	3	4	5	7	7	7	8	9
	ENE 4	E 6	NNE 5	NNE 9	9	E 5	SE 6	ESE 6	E 2	WSW 1	W 2	WNW 4	NW 5	NW 7	NW 8	10	NW 9	NNW 7	NNW	NNW 4	NNW 4	NNW 3	NNW 3	3	NNW 2	SE 3	SE 2	SE 2	SE 2	SE 2	SSE	SSE	SSE	SSE 6	SSE 6	SSE 7
Kinder 1	11	16	14	21	23	18	15	14	7	3	3	5	7	9	11	12	11	10	8	6	6	5	5	4	4	4	3	3	3	4	4	7	7	7	8	9
	ENE	E	NNE	NNE	E	E	SE	ESE	ESE	SW	wsw	WNW	NW	NW	NW	NW	NW	NNW	NNW	NNW	NNW	NNW	NNW	N	NNW	SE	SE	SE	SE	SE	SSE	SSE	SSE	SSE	SSE	SSE
Greens	5	6	5	9	9	5	6	6	2	2	2	4	4	6	8	10	9	7	5	4	4	3	3	3	3	3	2	2	2	2	3	4	5	6	6	8
Bayou	12 F	17 ENE	14 NNE	21 NNE	23 F	17 F	15 SE	14 ESE	SF.	SW	SW	5 WNW	NW	8 NW	11 NW	12 NW	NW	NNW	NNW	NNW	NNW	5 WWW	WNN	NNW	4 NNW	FSF	3 SE	3 SE	4 SF	SF	5 SF	SSE	SSF	SSF	8 SE	9 SE
	6	6	5	9	9	5	6	6	3	2	1	3	4	6	8	10	9	7	5	4	4	4	3	3	3	3	2	2	3	3	3	4	5	6	6	8
Shell Crude	14	17	14	21	24	17	14	14	7	4	4	4	6	8	11	12	11	10	8	6	6	6	5	4	4	4	4	4	4	4	5	7	7	7	8	9
	E 7	ENE	NNE	NE 9	9	Ę	SE 6	ESE	SE	sw	SW	w	NW	NW	NW	NW	NW	NNW	NNW	NNM	NNW	NNW	NNW	NNW	NNW	ESE	SE	SE	SE	SE	SE	SSE	SE	SE	SE	SE 8
Lynchburg	16	6 18	5 15	22	24	5 17	15	13	7	4	4	4	6	8	8 11	10 12	12	10	8	7	7	6	5	5 5	5	۵ 4	Δ	Δ	о Д	4	5	6	7	7	8	10
Ferries	ENE	ENE	NE	NNE	E	ESE	SE	ESE	ŚE	sw	SSW	wsw	NW	NW	NW	NW	NW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	E	SE	SE	ESE	ESE	SE	SE	SE	SSE	SE	SE
	7	6	5	9	9	6	5	6	3	3	3	1	4	5	7	10	10	8	7	5	5	5	4	4	4	3	3	3	3	3	3	4	5	6	7	8
Exxon 3	16 ENE	18 ENE	15 NE	21	24	18	13 SE	12	8	5	5	4	6	8	11	12	12	11	9	7	7	6	6	6	5	5	4	4	5	4	5	6	7	7	9 SE	10
	ene 9	9	7 7	10	12	9	5E	ESE 5	SE 4	SSW 5	SSE 4	SSW 2	WNW 2	5 NW	NW 8	NW 11	11	NNW 9	NNW 8	7	NNW 6	NNW 6	NNW 5	NNW 5	NNW 4	4	ESE 3	ESE 4	ESE 4	4	3E 4	5E	SE 6	SE 7	5E 7	SE 9
Morgans Point	17	18	16	18	23	19	10	11	10	7	5	4	6	8	11	13	13	11	10	8	8	7	7	6	5	5	4	5	5	5	6	6	7	8	9	11
Point	NE	ENE	NE	SSE	ENE	Ε	ESE	ESE	SE	S	SSE	SSE	SW	NW	NNW	NW	NW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NE	ENE	ESE	ESE	ESE	SE	SE	SE	SE	SE	SE
75/76	16	15 19	14 18	14 18	18	14 19	5 9	8	8	6 8	4	4	1	3 8	6	13 14	13 14	12 13	11 12	9	8 9	7 8	7 8	6 7	5 6	4 5	4 5	4	5	5	5	6	7	7 9	8	10
75/76	20 NNE	ENE	NE	NNE	22 ENE	F	ESE	12 ESE	12 SE	SSE	SE	ESE	E	SSE	10 W	NW	NW	NNW	NNW	NNW	NNW	NNW	NNW	N	NNW	NNE	ENE	ESE	ESE	SE	SE	SE	SE	SE	11 SE	13 SE
	20	17	17	17	19	15	5	14	9	6	4	5	2	3	3	13	13	12	11	10	9	8	8	7	6	4	4	4	4	5	6	6	7	7	8	10
63/64	22	19	19	19	22	19	10	19	12	7	5	5	6	8	9	14	14	13	12	11	10	9	9	8	6	5	5	5	5	6	6	7	8	9	11	13
	NNE	NE	NE	NE	NE	E .	ESE			SSE	SSE	ESE	ENE	E	ESE	NW	NW	NNW	NNW	NNW	NNW	NNW	N	N	sw	NNE	ENE	ESE	SE	SE	SE	SE	SE	SE	SE	SE
51/52	20 22	16 19	16 18	17 19	19 22	15 19	12	18 22	9 12	6 8	4	5	5	8	2 8	12 13	12 14	12 13	12	10	10	9	a a	8	6	5	4	4	4	6	6	6	8	9	10	9 12
31/32	NNE	NE	NE	NE	NE	ENE			ESE	SSE	SSE	SE	ENE	ESE	SE	NW	NW	NNW	NNW	NNW	NNW	NNW	Ň	N	Ē	NNE	ENE	ESE	ESE	SE	SE	SE	SE	SE	SE	SE
	18	17	15	16	19	14	8	16	9	6	2	3	3	3	1	11	11	10	10	9	9	9	8	7	5	4	4	3	3	4	5	6	6	7	8	9
37/38	19	19	18	19	21	19	13	20	11	9	3	3	5	6	7	12	12	11	11	10	10	9	9	8	6	4	4	4	4	5	6	7	8	9	10	11
	NNE 12	NE 17	NE 13	NE 14	NE 16	ENE 12	E 9	SE 12	9	SSE	SSE	SE	2	ENE /	SSE	NNW	NW	NNW	NNW	NNW	NNW	NNW 8	NNW 7	N 7	E 5	NNE /	ENE 4	ESE	ESE	SE	SE	SE	SE	SE 7	SE 8	SE
25/26	14	20	17	18	20	18	13	15	12	10	2	2	4	5	5	11	11	10	10	9	9	9	8	8	6	5	4	4	4	6	6	7	8	9	9	10
	NNE	NNE	NE	NE	NE	ENE	E	SE	E	SE	SE	Е	ESE	E	SE	NNW	NNW	NNW	NNW	NNW	NNW	NNW	N	N	NE	NNE	ENE	E	ESE	ESE	SE	SE	SE	SE	SE	SE
4444	9	15	12	13	15	14	11	9	10	8	1	2	3	6	2	9	9	9	9	8	9	8	8	7	6	5	4	4	4	5	5	6	6	7	8	8
11/12	11 NE	19 NNE	17 NE	18 NE	20 NE	20 ENE	14 E	11 ESE	13 ENE	11 SE	2	2	3	7 ECE	4	10	11	11 NW	10	10	10	9	9	8 N	6 N	5 NNE	5 ENE	4	5	6	6	7 SE	8	8	9	10 SE
	NE 11	17	17	16	16	18	13	7 -	13	8 8	SSW 1	4	SE 2	ESE 5	SSE 4	NW 8	10	10	10	10	NNW 10	10	9	9	7	6	5	4	5	6	6	6	SE 7	SE 7	SE 7	8 8
1 & 2 Bravo	12	19	19	19	19	21	15	9	18	11	3	4	2	5	4	10	11	12	11	11	11	11	10	10	8	6	5	5	5	7	7	7	8	9	9	10
	NNE	NNE	NE	ENE	ENE	ENE	E	E	E	SE	SSE	NNW	ESE	SE	SSE	NW	NW	NW	NNW	NNW	NNW	NNW	N	N	N	NNE	NE	E	ESE	ESE	SE	SE	SE	SE	SE	SE

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Houston Pilots: Thu. 4/27/2023





Forecast Discussion

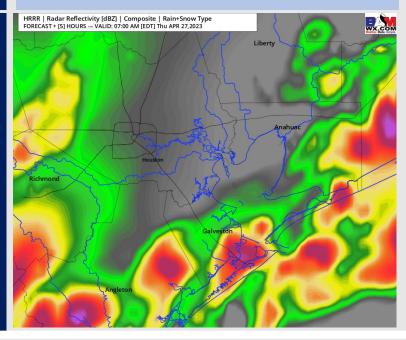
Precip: Strong to severe thunderstorms working through the area now will be out of the area between 7-8 AM in a North to South manner. Rain showers behind will taper off between 10-11 AM before a quieter rest of the day.

Wind: Pockets of stronger thunderstorms with this line have a history of producing gusts 25-35+ knots. After the front slides through around 10-11 AM, winds will gradually calm to 10-15 knots from the N with an occasional gusts 13-18 kts at the Boarding Station.

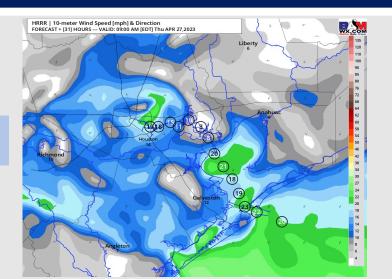
Temps: High temperatures this afternoon will be near 80 F north of Morgan's Point and in the mid 70s F south of Morgan's Point.

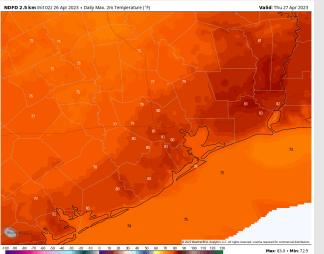
Visibility: Reduced visibility to a few miles due to a low cloud deck + misty conditions out ahead of the front will continue to be possible at the boarding station. Heavy downpours may also reduce visibility through the AM.

Precip Image: 6 AM CT



Wind Speed: 8 AM CT





High Temps Today

Houston Pilots: Fri. 4/28/2023





Forecast Discussion

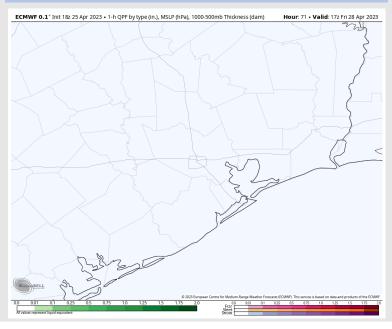
Precip: Favoring dry conditions throughout the day Friday.

Wind: Sustained winds will start out of the N Friday and gradually shift to out of the S/SE by 3 PM local time and remain that way for the rest of the day. Winds N of Morgan's Point will be 2-6 kts throughout the day. Winds S of Morgan's Point will be 4-10 kts throughout the day.

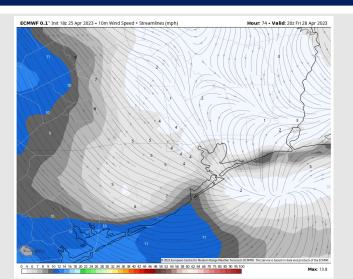
Temps: High temperatures Friday will be in the mid to upper 70s F S of Morgan's Point and in the low 80s F N of Morgan's Point.

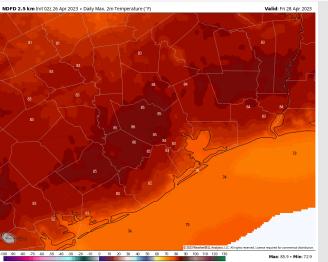
Visibility: Reduced visibility does not look like a concern on Friday.

Precip Image: 12 PM CT



Wind Speed: 3 PM CT





High Temps Friday

Houston Pilots: Sat. 4/29/2023





Forecast Discussion

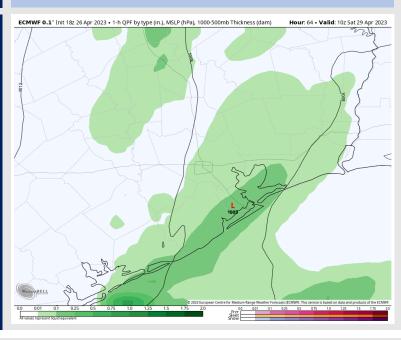
Precip: Anticipating a couple waves of showers / storms to work through the area Saturday with the greatest risk for heavy rain being throughout the morning.

Wind: Variable winds will be likely throughout the early morning Saturday at 10–15 kts. Then after 8 AM, winds will shift from the NW and become elevated at 25-30 kts across all stations. Getting into the evening / after 7 PM winds will range from 13 – 18 kts N of Morgan's Point and 25 – 30 kts S of Morgan's Point. Gusts up to 45 kts Saturday can not be ruled out.

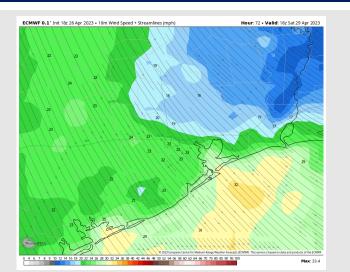
Temps: High temperatures Saturday in the mid to upper 60s F for all stations.

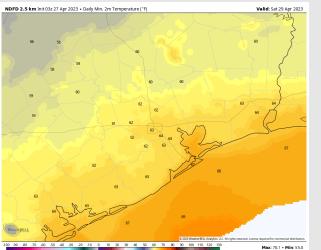
Visibility: Not favoring any visibility concerns.

Precip Image: 5 AM CT



Wind Speed: 1 PM CT





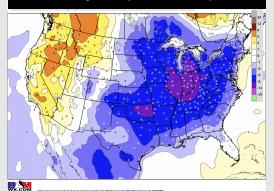
High Temps Saturday

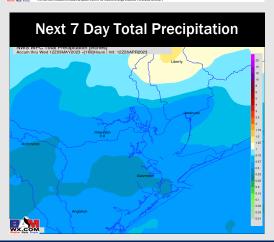
Houston Pilots: 4/27/23



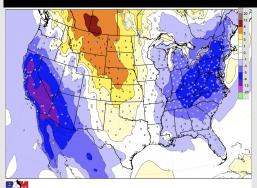


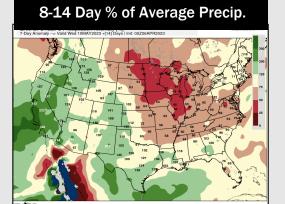
Next 7 Day Temperature Departure



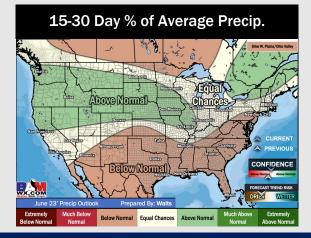


8-14 Day Temperature Departure





15-30 Day Temperature Departure FORECAST RISK Warmer Ohio Valley COURTENT PREVIOUS CONTIDENT PREVIOUS CONTIDENT FORECAST RISK Warmer Ohio Valley COURTENT PREVIOUS COURTENT FORECAST RISK Warmer Ohio Valley COURTENT FORECAST RISK COURTENT FORECAST RISK Warmer Ohio Valley COURTENT FORECAST RISK FORECAST RISK COURTENT FORECAST RISK FO



- > A few shots of precip coming through the second half of the week and then over the weekend. Temps will be below normal for SE TX.
- Expecting near normal precipitation chances and near normal temperatures for the week 2 timeframe.
- Near to slightly below normal temperatures and below normal chances for precipitation are favored in the week 3/4 timeframe.