Houston Pilots Forecast Package

Updated: 5:00 AM CT

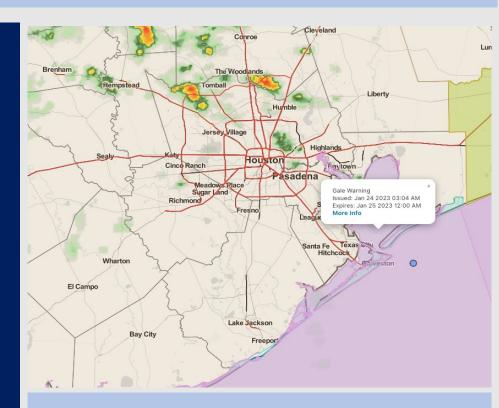
Tuesday, January 24, 2023





Weather Headlines

- Not favoring any fog concerns at this time. High confidence exists that fog will not be concern at least through Friday AM.
- High winds, heavy rain, and severe weather will all be possible throughout the day (with the main focus coming 2-6 PM timeframe as the "worst" conditions).
- Waves from 9 AM Midnight look to be above 6 feet wave heights. The peak will be mid-late afternoon (3-8 PM) when heights of 8 10 feet will be possible.
- Today will be a very gusty day ahead of a cold front, where gusts could reach as high as 40 45 kts in the afternoon. Please see further details on each daily slide. Wednesday will also hold elevated wind gusts of around 20 25 kts. Thursday will hold calmer winds in the 5 15 kt range.
- Worth keeping eyes out on Wednesday Thursday for lower water levels over the bay from prolonged elevated NW winds.



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





Possible

Possible

Friday 1/27/23

Friday will hold light and variable winds, with a southeasterly wind favored by the afternoon. Low levels of the atmosphere look to be too dry to support sea fog.

Saturday 1/28/23

SE winds will be possible in the 10 - 15 kt range making sea fog possible, however it will take some time for the low levels of the atmosphere to saturate.



Above Below Normal Normal

Confidence

Sunday 1/28/23

Southerly winds possible for Sunday as well, with winds across the bay in the 15 -20 kt range. Sea fog will be possible here as well, but winds could be a little on the strong side.

Confic	lence
Above	Below
Normal	Normal

Chance for Reduced Visibility

Friday AM	Unlikely
Friday PM	Unlikely
Saturday AM	Unlikely
Saturday PM	Possible

Sunday AM

Sunday PM

Houston Pilots Visibility Report





Confidence

Above Normal Below Normal

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

Houston Pilots Wind Report







Sustained wind 13 Knots

Gusts 18 Knots

Wind from the N

WS: 13 G:18 N

Example

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Time Knots	Tue 2am	Tue 3am	Tue 4am	Tue 5am	Tue 6am	Tue 7am	Tue 8am	Tue 9am	Tue 10am	Tue 11am	Tue 12pm	Tue 1pm	Tue 2pm	Tue 3pm	Tue 4pm	Tue 5pm	Tue 6pm	Tue 7pm	Tue 8pm	Tue 9pm	Tue 10pm	Tue 11pm	Wed 12am	Wed 1am	Wed 2am	Wed 3am	Wed 4am	Wed 5am	Wed 6am	wed 7am	Wed 8am	Wed 9am	Wed 10am	Med 11am	wea 12pm	Wed 1pm
	8	8	8	9	10	12	13	13	14	13	13	19	20	17	14	24	23	22	20	19	19	20	20	18	18	18	17	16	14	15	13	13	12	12	12	11
610 Bridge	19	20	19	21	23	31	32	31	30	32	28	41	46	41	33	36	34	33	30	29	29	30	30	28	28	28	26	24	22	22	20	20	18	18	18	15
	ENE 8	ENE 8	E 8	9	10	E 12	E 14	13	ESE 14	ESE 15	SE 14	SSE 18	S 20	SSW 17	W 14	W 24	WNW	WNW 22	WNW	WNW 19	WNW 19	WNW 20	WNW 19	WNW 18	NW	NW 18	NW 17	NW 16	NW 14	NW 14	NW 13	NW 13	NW 12	NW 12	NW 11	NW 11
Kinder 1	20	20	19	21	23	12 30	32	31	29	35	29	40	45	42	34	36	23 34	33	20 30	29	29	29	29	28	18 28	27	26	16 24	22	22	19	19	18	18	17	15
	ENE	ENE	E	Е	Е	Е	E	E	ESE	ESE	SE	SSE	S	SSW	W	W	WNW	W	WNW	WNW	WNW	WNW	WNW	WNW	NW	NW	NW	NW								
Greens	8 19	7 19	8 19	8 20	10 23	12 27	13 30	13 31	14 29	17 36	15 29	17 37	20 44	18 43	15 33	24 36	22 34	22 33	20 31	20 30	19 30	19 29	19 29	18 28	18 28	18 27	17 25	16 24	14 22	14 21	12 19	13 19	12 18	11 17	11 17	11 15
Bayou	ENE	ENE	E	E	E	E	E	E	ESE	ESE	SE	SSE	S	SSW	WNW	W	WNW	W	WNW	W	WNW	WNW	WNW	WNW	NW	NW	NW	NW								
	8	7	8	8	10	12	12	14	14	17	15	17	20	19	15	24	22	22	20	19	19	19	19	18	18	17	17	16	14	14	12	13	12	12	11	11
Shell Crude	18 ENE	18 ENE	18 ENE	20 F	24 E	26 E	27 E	31 E	30 ESE	35 ESE	29 SE	36 SSE	44 S	43 SSW	34 WNW	37 W	33 WNW	33 W	31 WNW	29 W	29 WNW	29 WNW	29 WNW	27 WNW	27 NW	26 NW	25 NW	23 NW	21 NW	21 NW	19 NW	19 NW	18 NW	17 NW	17 NW	15 NW
Lynchburg	7	6	7	8	9	11	11	14	14	17	16	17	20	20	16	24	22	21	20	19	19	19	19	18	18	17	17	16	14	14	12	13	12	12	12	11
Ferries	16	15	16	18 F	23 E	25 E	24 E	30	30	35	30	36	44	42	32	37	33	32	31	29 W	28	28	28 WNW	27	26	26	25 NW	23 NW	21 NW	20 NW	18 NW	19	17 NW	17 NW	17 NW	15
	ENE 7	ENE 6	ENE 7	8	10	11	11	14	ESE 14	ESE 17	SE 15	SSE 18	S 20	SSW 21	WNW 14	W 24	WNW 21	WNW 21	WNW 20	W 19	WNW 18	WNW 18	WNW 18	WNW 17	WNW 17	17	16	15	15	14	13	NW 13	12	12	12	NW 11
Exxon 3	16	15	15	17	22	25	25	28	30	33	26	36	42	41	29	37	32	32	30	28	27	27	27	26	25	24	24	22	21	20	18	19	17	17	17	15
	ENE 10	ENE 10	ENE	E 11	13	13	14	1/1	ESE	ESE	ESE	SSE 21	S 20	SSW 22	W 15	W 24	WNW	WNW	WNW	WNW	WNW 17	WNW	WNW 18	WNW	WNW	NW 17	NW 17	NW 17	NW 16	NW 1E	NW 14	NW	NW 12	NW 13	NW	NW 12
Morgans	17	17	10 16	11 18	23	25	28	14 26	16 29	18 31	12 20	37	39	43	31	36	21 31	21 31	20 29	18 27	25	18 26	27	17 25	17 24	17 24	17 23	22	16 21	15 20	14 19	14 19	13 17	17	12 17	16
Point	ENE	Е	E	Е	E	E	E	E	ESE	E	ESE	SSE	S	S	wsw	W	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	NW	NW	NW	NW							
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75/76	ENE	ENE	E	E	E	E	E	ENE	ESE	E	ESE	SSE	S	S	WSW	W	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	NW	NW	NW	NW							
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63/64	18 ENE	18 ENE	19 F	21 F	25 F	25 E	28 F	24 F	29 ESE	22 E	25 SE	34 SSE	35 S	42 S	43 WSW	34 W	29 WNW	30 wnw	28 WNW	25 WNW	23 WNW	25 WNW	27 WNW	26 WNW	24 NW	24 NW	24 NW	24 NW	23 NW	22 NW	21 NW	20 NW	19 NW	19 NW	19 NW	18 NW
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	11	ENE 12	13	E 14	16	17	16	ENE 17	ESE 16	E 17	SE 20	SSE 21	S 22	S 24	SW 20	W 25	W 22	WNW 21	WNW 21	WNW 20	W 18	WNW 18	WNW 18	WNW 20	NW 20	NW 21	NW 22	NW 22	NW 21	NW 21	NW 20	NW 19	NW 18	NW 17	NW 16	NW 15
37/38	21	22	23	24	28	28	26	31	26	23	31	33	34	39	38	35	30	30	28	27	22	23	24	25	23	24	24	24	24	23	22	21	20	19	18	17
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11/12	23 ESE	23 E	24 E	25 E	29 E	29 E	29 E	32 ESE	28 ESE	20 ESE	30 SSE	33 SSE	34 S	35 S	SSW	38 W	32 WNW	32 WNW	29 WNW	29 WNW	24 WNW	23 W	23 WNW	24 WNW	24 NW	24 NW	24 NW	24 NW	23 NW	22 NW	22 NW	NW	NW	NW	NW	16 NW
	20	20	20	20	22	21	23	23	20	17	20	26	28	27	31	31	27	24	24	23	22	21	21	22	23	24	24	24	23	23	22	21	20	20	18	17
1 & 2 Bravo	24 ESE	24 ESE	25 ESE	25 E	28 E	30	33 ESE	33 ESE	28 ESE	24 ESE	27	34	37	37	41	41 WCW	35 W	33	31	30	26	24	24	24	25	26	26	26	26	25	24	23	21	21	19	18 NW
	ESE	E3E	E9E				E9E	E9E	ESE	E3E	SSE	SSE	SSE	S	SSW	WSW	W	W	WNW	WNW	WNW	WNW	WNW	WNW	NW	NVV	NW	NW								

Houston Pilots: Tue. 1/24/2023





Forecast Discussion

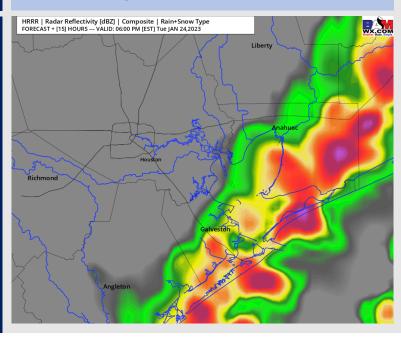
Precip: A few hit and miss showers will be possible through 8 AM, however favoring mainly drier conditions. After 8 AM showers and thunderstorms will begin to fill in the region throughout the morning hours. While a few thunderstorms could be strong/severe 10A – 1P, the highest risk for severe weather will be present 4-6 PM where heavy rain, lightning, damaging winds, and isolated tornadoes will all be possible.

Wind: Winds will be out of the E most of the day AM. N of Morgan's Point is 13 - 18 knots with gusts 20 - 25 knots, S of Morgan's Point is 20 - 25 knots and gusts 25 - 35 knots. Highest winds come in the 1-6 PM window where winds from the E turn out of the S for a time, and then NW by 5-6 PM. Sustained winds at times will be 25 - 35 knots and gusts likely 35-45+ knots at the boarding station in the heaviest storms.

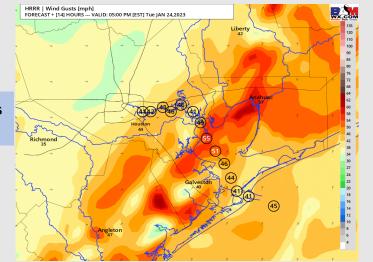
Temps: High temperatures Tuesday will be in the mid 60s F across all stations.

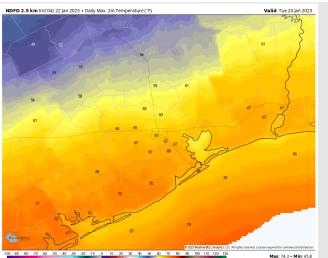
Visibility: Not anticipating a fog threat for visibility concerns, however heavy rain, especially during the 1 PM – 6 PM timeframe could reduce visibilities to less than 2 miles at times.

Precip Forecast: 5 PM CT



Wind Gusts 5 PM CT





High Temps Today

Houston Pilots: Wed. 1/25/2023





Forecast Discussion

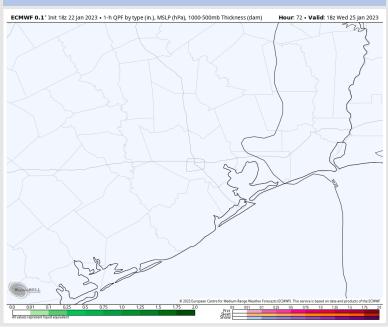
Precip: Anticipating dry conditions throughout the day.

Wind: Sustained winds will be from the NW for the entire day Wednesday. Winds N of Morgan's point will range from 10- 16 kts, and S of Morgan's Point will be more elevated at 14 – 19 kts. Gusts at the boarding station can reach 25-30 knots through the AM. After 5 PM winds N of Morgan's Point will calm to 5 – 10 kts and winds S of Morgan's point will be at 10 – 15 kts. A few pockets of up to 20 kts will be possible at the boarding station after 5 PM. Gusts after 5 PM likely sit 20-25 knots.

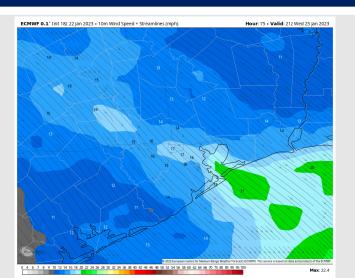
Temps: Much cooler behind the cold front. High temps Wednesday will be in the mid 50s F across all stations.

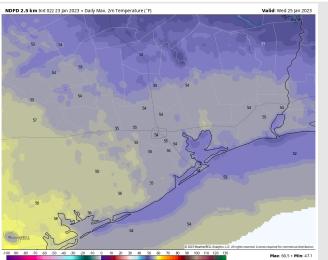
Visibility: Not favoring fog to be a concern at this time.

Precip Forecast: 12 PM CT



Wind Speed 3 PM CT





High Temps Wednesday

Houston Pilots: Thur. 1/26/2023





Forecast Discussion

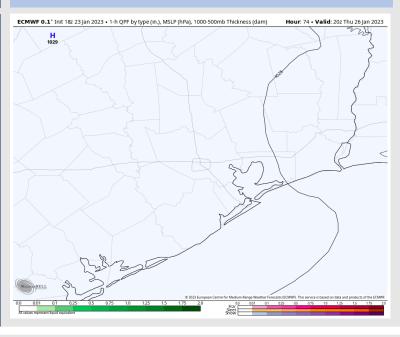
Precip: High pressure will continue to build into the area Thursday, yielding dry conditions.

Wind: Sustained winds will be from the NNW on Thursday. Winds N of Morgan's point will be 4 – 9 kts and S of Morgan's Point will be slightly elevated at 7 – 12 kts. A few pockets of up to 15-kt winds will be possible at the Boarding Station between 5 – 9 AM.

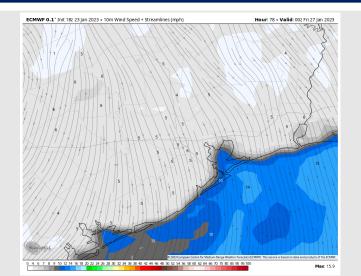
Temps: High temperatures will be in the mid to lower 50s F across all stations.

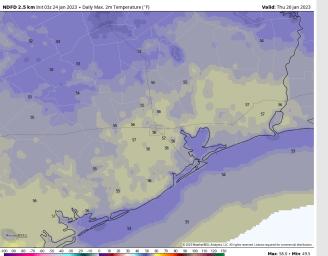
Visibility: Not anticipating any visibility concerns at this time.

Precip Forecast: 2 PM CT



Wind Speed 6 PM CT



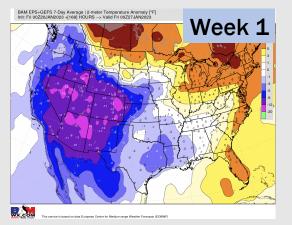


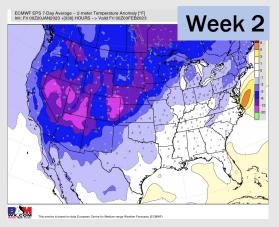
High Temps Thursday

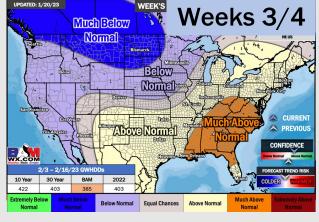
Houston Pilots: 1/24/23

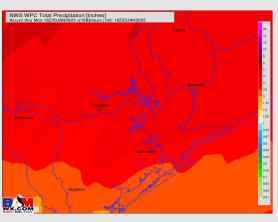


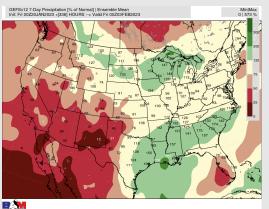


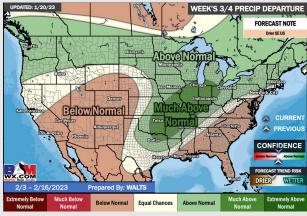












- After rain chances today, the next rain chances come Saturday. Temps will be below normal.
- Above normal precipitation and near normal temperatures are expected for the 2 week timeframe.
- Near normal precipitation chances and above normal temperatures expected in the weeks ³/₄ timeframe.