Houston Pilots Forecast Package

Updated: 5:00 AM CT

Wednesday, February 8, 2023

Forecaster: Alyssa McClung



Weather Headlines

- Check the visibility slides below for thoughts on fog activity for today. Favoring fog to clear up after the frontal passage today around 6 PM.
- A few strong storms will be possible today during the early afternoon hours with the main risks of gusty winds. Check the Wednesday slide for more details.
- ► Elevated winds will be at play Today and Friday with sustained winds in the 10 15 –kt range and persistent wind gust threats at 20 30 kts. Thursday will hold near calm winds before another front passes late THU/ early FRI.



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 Visibility Report

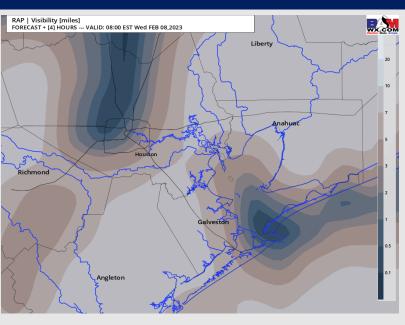


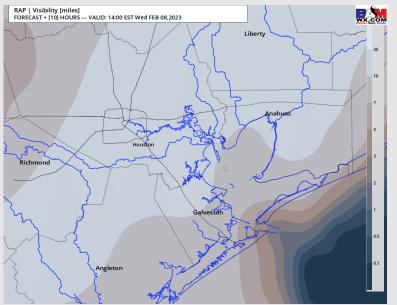


7 AM CT WED VISIBILITY

1 PM CT WED VISIBILITY

Confidence









- ➤ Favoring visibilities to remain in the 3 5 mile range across all stations out through 10 AM with slight improvements towards the late morning hours.
- ➤ A few pockets of dense fog will be possible throughout the late morning hours and early afternoon, but it is not likely that any one station will be caught under prolonged periods of dense fog (<2-mile vis). Thunderstorms moving through the area will also aid in periods of reduced visibility of 2 4-miles.
- ➤ Patches and breaks in coverage are likely from time to time, especially late AM before the front sweeps through around ~5-6 PM ending visibility concerns caused by both fog and thunderstorms. Anticipating clear conditions for the rest of the evening thereafter.

Houston Pilots Extended Range Visibility Report





Unlikely

Possible

Possible

Saturday 2/11/23

Northwesterly winds will continue for Saturday, shifting from the north towards the late PM hours.

Sunday 2/12/23

Southeasterly winds in the 10-15kt range will be possible. As such, sea fog cannot be ruled out towards the late evening hours Sunday.

Above Below Normal

Monday 2/13/23

Winds look to be from the SE on Monday out ahead of another cold front. Plentiful low-level moisture ahead of the front will be possible, making sea fog a risk Monday.

Above Below Normal



Chance for Reduced Visibility

Saturday AM

Monday AM

Monday PM

· ·	
Saturday PM	Unlikely
Sunday AM	Unlikely
Sunday PM	Possible

Houston Pilots Visibility Report





Confidence Above Normal Below Normal

Time		Wed 5am	Wed 6am	Wed 7am	Wed 8am	Wed 9am	Wed 10am	Wed 11am	Wed 12pm	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 1pm		Thu 3pm
610 Bridge	6	6	6	5	3	6	8	10	10	10	10	9	10	10	10	10	10	10	10	10	10	6	4	0.48	0.24	0.24	0.24	0.24	1	7	10	10	10	10	10	10
Kinder 1	6	6	6	5	3	6	8	10	10	10	10	9	10	10	10	10	10	10	10	10	10	7	4	2	2	2	2	2	2	7	10	10	10	10	10	10
Greens Bayou	6	5	5	4	4	5	8	10	10	10	10	9	10	10	10	10	10	10	10	10	10	7	5	5	5	5	5	5	5	8	10	10	10	10	10	10
Shell Crude	5	5	5	4	3	5	8	10	10	10	10	9	10	10	10	10	10	10	10	10	10	8	8	8	8	8	8	8	9	9	10	10	10	10	10	10
Lynchburg Ferries	5	5	4	4	3	5	8	10	10	10	10	9	10	10	10	10	10	10	10	10	10	8	8	8	8	8	8	8	9	9	10	10	10	10	10	10
Exxon 3	5	5	4	4	3	5	7	10	10	10	10	9	9	10	10	10	10	10	10	10	10	10	8	8	8	8	8	8	9	9	10	10	10	10	10	10
Morgans Point	5	4	4	4	3	5	7	10	10	10	10	9	9	10	10	10	10	10	9	10	10	10	8	8	8	8	8	8	9	9	10	10	10	10	10	10
75/76	3	3	3	3	3	4	7	10	10	10	10	9	9	10	10	10	10	10	8	8	10	10	10	10	8	8	8	8	9	9	10	10	10	10	10	10
63/64	3	3	3	3	3	4	7	10	10	10	10	9	9	10	10	10	10	8	8	10	10	10	10	10	8	8	8	8	9	9	10	10	10	10	10	10
51/52	3	3	3	3	3	4	7	10	10	10	10	8	9	10	10	10	10	8	8	10	10	10	10	10	10	10	8	8	9	10	10	10	10	10	10	10
37/38	3	3	3	3	2	4	7	10	10	10	10	7	9	10	10	10	9	8	9	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
25/26	3	3	3	3	2	4	7	10	10	10	9	7	9	10	10	10	9	8	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
11/12	3	2	3	3	2	4	7	10	10	10	9	7	9	10	10	10	9	8	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
1 & 2 Bravo	4	2	3	0.56	0.24	4	3	8	10	9	8	7	9	10	10	10	9	8	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

Example

WS: 13

G:18

N

Time Knots	Wed 4am	Wed 5am	Wed 6am	Wed 7am	Wed 8am	Wed 9am	Wed 10am	Wed 11am	Wed 12pm	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 3pm
610 Bridge	6 18 SSE	7 20 SSE	8 21 SSE	7 20 SSE	8 20 SSE	9 23 S	10 23 S	12 23 S	13 23 SSW	13 23 SSW	15 25 SSW	15 23 WNW	13 24 WNW	10 21 WNW	11 22 WNW	14 22 NW	14 21 NW	13 20 NW	11 16 NW	6 9 NW	4 6 WNW	3 4 W	2 4 W	2 3 W	2 3 WSW	2 3 WSW	2 3 W	2 3 W	2 3 WSW	3 5 SSW	3 5 SW	4 5 SW	3 5 WSW	4 5 WSW	4 7 WSW	4 6 WSW
Kinder 1	6 19 SSE	7 20 SSE	8 21 SSE	7 21 SSE	8 20 SSE	8 23 S	10 22 S	11 23 S	13 23 SSW	13 23 SSW	14 25 SSW	15 23 W	13 23 WNW	11 22 WNW	11 22 WNW	14 22 NW	14 21 NW	13 20 NW	11 17 NW	6 10 NW	4 7 WNW	3 5 W	2 4 W	2 3 W	2 3 WSW	2 3 W	2 3 W	2 3 W	2 3 WSW	3 5 SSW	3 5 SW	4 5 SW	3 5 SW	4 5 WSW	4 6 WSW	4 6 WSW
Greens Bayou	7 20 SSE	7 19 SSE	8 21 SSE	7 21 SSE	8 20 SSE	9 23 S	10 22 S	11 22 S	13 23 SSW	13 23 SSW	14 25 SSW	15 23 W	14 23 WNW	11 22 WNW	11 21 WNW	14 22 NW	14 21 NW	13 20 NW	11 17 NW	6 10 NW	4 7 WNW	3 5 W	2 4 W	3 4 W	2 3 WSW	2 3 W	2 4 W	2 3 W	2 3 W	3 5 SSW	3 5 SW	4 5 SW	4 5 SW	4 5 SW	4 6 SW	4 6 SW
Shell Crude	8 20 SSE	7 19 SSE	8 21 SSE	8 20 SSE	7 20 SSE	9 23 S	10 23 S	11 22 S	13 22 SSW	13 23 SSW	14 24 SSW	15 23 WSW	14 24 WNW	11 22 WNW	11 21 WNW	14 21 NW	14 21 NW	13 20 NW	11 17 NW	7 10 NW	5 7 WNW	3 5 WNW	3 4 WNW	3 4 W	2 3 W	2 4 W	3 4 W	2 3 W	2 3 W	3 4 SSW	3 5 SW	4 5 SW	4 5 SW	4 5 SW	4 6 SW	4 6 SW
Lynchburg Ferries	8 18 SSE	8 19 SSE	8 20 SSE	8 19 SSE	8 19 SSE	10 23 S	11 23 S	11 22 S	12 22 SSW	13 22 SSW	14 24 SSW	13 23 SW	14 24 WNW	11 22 WNW	12 21 WNW	14 21 NW	14 21 NW	13 20 NW	11 16 NW	7 11 NW	5 7 WNW	4 6 WNW	3 4 WNW	3 4 WNW	2 3 W	2 4 W	3 4 W	2 3 WNW	2 3 WNW	3 4 SSW	3 5 SW	4 5 SW	4 6 SW	4 5 SW	5 6 SSW	5 6 SSW
Exxon 3	9 17 SSE	8 17 SSE	9 18 SSE	9 18 SSE	8 17 SSE	10 22 S	10 23 S	10 23 S	11 22 S	12 21 SSW	13 22 SSW	12 24 SW	15 24 WNW	11 22 WNW	12 22 WNW	14 20 NW	14 20 NW	13 19 NW	11 16 NW	8 11 NW	5 8 NW	4 6 WNW	3 5 WNW	3 4 WNW	3 4 W	3 4 W	3 4 W	2 4 WNW	2 4 NW	3 4 SSW	3 5 SW	4 5 SW	4 6 SSW	4 5 SSW	5 6 S	5 7 SSE
Morgans Point	10 20 SSE	9 16 SSE	9 18 SSE	9 18 SSE	8 16 SSE	9 19 SSE	9 24 S	10 22 S	11 23 S	12 23 SSW	13 22 SSW	12 23 SSW	15 25 WNW	12 22 WNW	12 22 WNW	14 19 NW	14 20 NW	13 19 NW	11 16 NW	8 12 NW	6 8 NW	5 7 NW	4 5 WNW	3 4 WNW	3 4 W	3 4 W	3 5 WNW	4 WNW	3 4 WNW	3 4 SSW	3 5 SSW	5 SSW	4 6 S	4 6 S	5 7 SSE	6 8 SSE
75/76	12 21 SE	9 16 SSE	10 18 SSE	10 18 SSE	8 15 SSE	9 18 SSE	10 24 S	11 22 S	11 23 S	13 23 S	14 23 S	13 23 SSW	17 26 WNW	13 22 WNW	13 22 WNW	16 19 NW	15 19 NW	13 18 NW	12 16 NW	10 12 NW	7 9 NW	6 7 NW	5 6 NW	4 WNW	4 5 WNW	4 WNW	4 5 WNW	4 WNW	4 WNW	4 SSW	4 5 S	4 6 SSE	4 7 SE	5 7 SE	5 8 SE	7 9 SE
63/64	12 19 SSE	10 16 SSE	10 17 SSE	10 17 SSE	8 14 SSE	9 15 SSE	11 22 S	11 21 S	11 22 S	13 23 SSW	14 24 S	13 23 SSW	19 28 W	13 22 WNW	14 23 WNW	17 19 NW	15 18 NW	14 18 NW	13 16 NW	11 13 NW	8 10 NNW	7 8 NW	6 NW	5 NW	4 WNW	4 WNW	4 WNW	4 WNW	4 WNW	3 SSW	5 SSE	6 SE	4 7 SE	5 7 SE	5 8 SE	9 SE
51/52	12 18 SSE	10 17 SSE	10 17 SSE	10 17 SSE	8 14 SSE	9 15 SSE	11 19 S	11 20 S	11 20 S	12 22 SSW	14 23 S	14 24 SSW	17 26 WSW	14 23 WNW	15 24 WNW	16 19 NW	15 17 NW	14 17 NW	13 16 NW	11 14 NW	11 NNW	8 NW	6 NW	5 NW	4 WNW	4 WNW	4 WNW	3 4 WNW	4 NW	3 S	3 5 SE	3 5 SE	4 6 SE	5 7 SE	8 SE	9 SE
37/38	11 17 SSE	9 16 SSE	9 16 SSE	10 17 SSE	15 SSE	9 15 SSE	10 17 S	10 17 S	19 SSW	20 SSW	13 22 SSW	13 24 SSW	15 25 SW	15 24 WNW	13 24 NW	16 19 NW	14 17 NW	14 18 NW	13 16 NW	11 14 NNW	11 NNW	9 NNW	6 NW	5 NW	4 NW	4 WNW	4 WNW	3 NW	4 NW	3 SE	3 4 ESE	3 5 ESE	6 ESE	7 SE	7 SE	8 SE
25/26	10 16 SSE	8 17 SSE	9 16 SSE	10 17 SSE	9 16 SSE	9 15 SSE	14 S	15 S 8	18 SSW 9	10 18 SSW	12 20 SSW	13 22 SSW	14 23 SW	15 24 WNW	12 23 NW	15 19 NW	13 17 NW	13 18 NW	12 17 NW	11 15 NNW	9 12 NNW	10 NNW	6 7 NNW	5 NNW	5 NW	4 NW	3 4 NW	3 4 NW	3 4 NNW	3 4 ENE	3 4 E	3 5 ESE 3	6 SE	6 SE	7 SE	8 SSE
11/12	9 18 SE 10	9 18 SSE 10	8 17 SE 9	9 18 SSE 10	17 SSE	9 16 SSE 8	14 SSE	13 S	15	8 15 SSW 6	9 17 SSW 6	10 18 SSW	11 19 SSW 8	15 25 WNW 17	13 24 NW 17	15 20 NW 19	14 17 NW 17	14 19 NW 17	13 18 NW 16	11 16 NNW 15	13 NNW 12	8 10 NNW 10	8 NNW 9	6 NNW	6 NW	5 NW	4 NW	5 NW	4 NNW	4 NNE	4 E	5 ESE 3	6 SE	6 SSE	7 SE	7 SSE
1 & 2 Bravo	19 SE	19 SE	18 SE	19 SE	18 SSE	16 SSE	16 SSE	15 S	13 S	11 SSW	10	14 SSW	16 SSW	26 WNW	27 NW	21 NW	19 NW	20 NW	18 NW	17 NNW	14	12	10 NNW	8 NNW	7 NNW	6 NNW	5 NNW	6 NNW	5 WSW	5 NNE	5 ENE	5 ENE	5 E	5 SE	6 SSE	7 SSE

Houston Pilots: Wed. 2/8/2023





Forecast Discussion

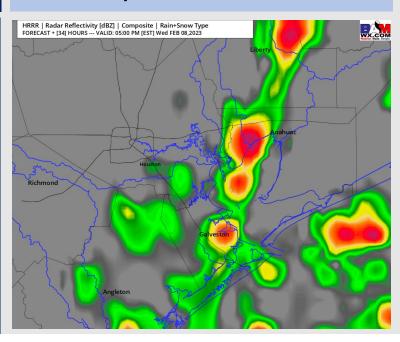
Precip: A few light *scattered* showers will be around for the AM hours (~30%) with better rain chances coming at 3 PM – 6 PM (70%). In this period, a few strong to severe storms cannot be taken off the table. This does not look to be a widespread threat, but something that certainly needs watched for gust potential of 30+ knots under the heaviest of cells. After 6 PM favoring dry conditions for the rest of the evening.

Wind: Sustained winds will start out from the SE during the AM hours, then begin to veer more from the south around 1PM out ahead of the next cold front. After the front passes through around \sim 5PM, winds will flip from the NW. Winds across all stations will be around 10 – 15 kts. After the front pushes through, winds will begin to slowly calm from 6 PM to 12 AM to 4 – 7 kts north of Morgan's Point and 8 – 13 kts south of Morgan's point by 10 PM. Wind gusts of 20-30 kts ahead of the front at 11 AM – 4 PM possible for all stations. These gusts would be found inside any stronger cells.

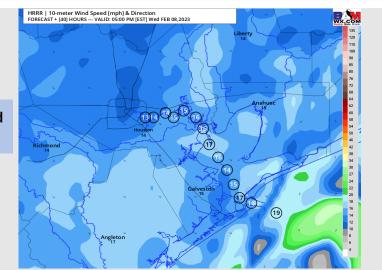
Temps: High temperatures Wednesday will be in the lower 70s F north of Morgan's Point and in the mid to upper 60s F south of Morgan's Point.

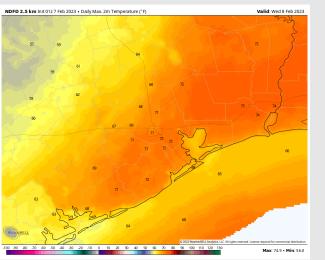
Visibility: Patchy dense fog will be possible during the AM/ early PM. As the cold front pushes through, visibilities improve late Wed PM. Refer to the fog text slides above for more info.

Precip Forecast: 5 PM CT



Wind Speed 4 PM CT





High Temps Wednesday

Houston Pilots: Thur. 2/9/2023





Forecast Discussion

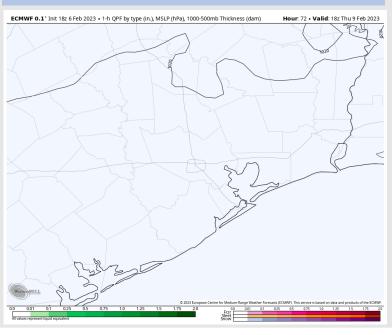
Precip: Anticipating dry conditions for Thursday

Wind: Winds will be subsiding during the early AM hours behind the exiting cold front to 2-7 kts across all stations by 6 AM. Winds will then remain at such values for the entire day. Winds will be variable in direction, with the main directions being out of the W / NW.

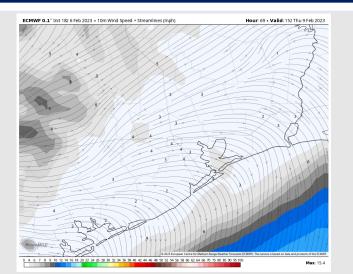
Temps: High temperatures will be in the upper 60s F north of Morgan's Point and in the mid 60s south of Morgan's Point. Temps near the Boarding Station will be near 60.

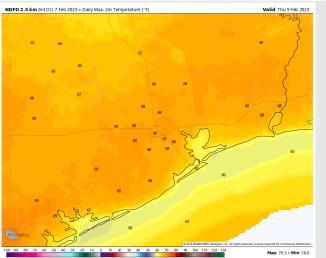
Visibility: Not anticipating any visibility concerns at this time.

Precip Forecast: 12 PM CT



Wind Speed 10 AM CT





High Temps Thursday

Houston Pilots: Fri. 2/10/2023





Forecast Discussion

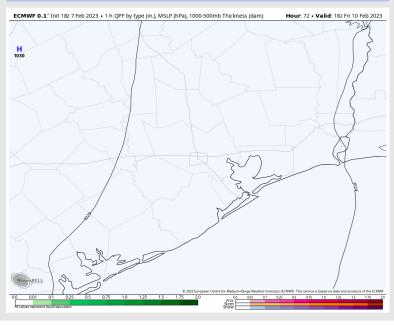
Precip: Anticipating a dry day for Friday.

Wind: Sustained winds will be from the NW on Friday. Winds will start out at less than 6 kts across all stations until 4 AM, where winds will then pickup to 10 – 16 kts north of Morgan's Point and 16 – 22 kts south of Morgan's Point by 9 AM. By 2 PM winds will be 18 – 24 kts across all stations. From 7 – 12 PM winds will calm north of Morgan's point to 4 – 7 kts but remain elevated south of Morgan's point at 12 – 20 kts. Wind gusts could be as high as 30 kts across all stations from 8 AM – 4 PM. After 4 PM, 30 kt gusts will be possible mainly at 11/12 and the Boarding Station.

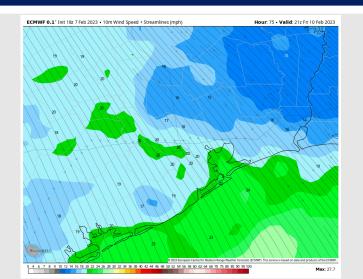
Temps: High temperatures Friday will be in the mid 50s F across all stations.

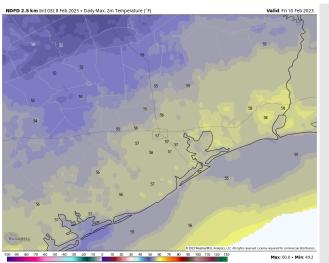
Visibility: Not anticipating any visibility concerns at this time.

Precip Forecast: 12 PM CT



Wind Speed 3 PM CT



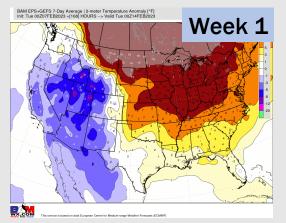


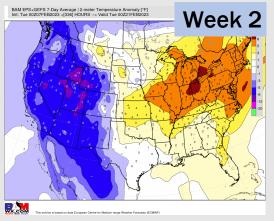
High Temps Friday

Houston Pilots: 2/8/23

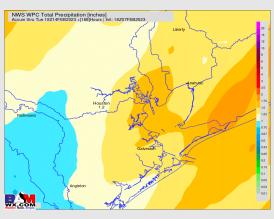


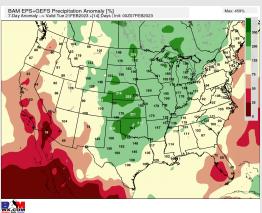














- Wednesday will be the best shots at precip over the next several days (next best chance coming early next week). Temps will stay slightly above average.
- Expecting near normal precipitation chances and normal temperatures for the week 2 timeframe.
- > Equal chances for precipitation and above normal temperatures favored in the week 3/4 timeframe.