Houston Pilots Forecast Package

Updated: 1:20 PM CT

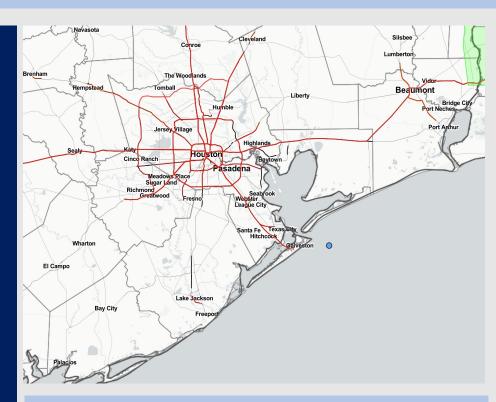
Wednesday, January 11, 2023

Forecaster: Alyssa McClung



Weather Headlines

- Low end risks for fog here over the next 24 hours before a front passes just before daybreak tomorrow and ushers out the fog threat through the weekend.
- Outside of a rain chance as the front passes THU AM, mainly drier days are anticipated through the weekend.
- Number of days with gusty winds look to be on the increase, with Thu/Fri/Sun/Mon running the risk of the Boarding Station seeing gusts 20+ knots.
- Worth watching Monday (1/16) for increased risks of wave heights reaching at/over 5 feet.



Radar/NWS Alerts: 1:20 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 Visibility Report

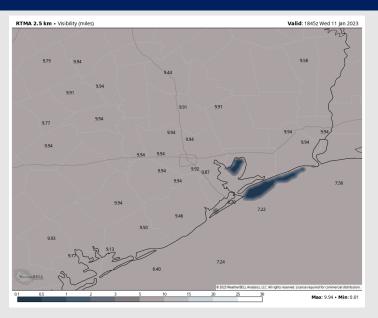


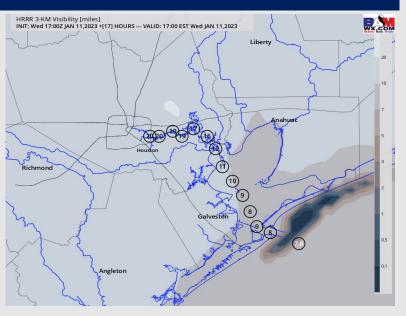


CURRENT - 12:45 PM CT

5 PM CT WED VISIBILITY

Confidence







TIMEFRAME	THREAT
CURRENT – 6 PM WED	LOW

- ➤ A low cloud deck / areas of patchy fog with visibilities less than 1 mile will continue to be a low-end risk for stations south of Morgan's Point for the next couple of hours.
- Station 11/12 and the Boarding Station at most at risk for visibility reduced down to 0.5 mile out through 6 PM.
- Expecting fog near Stations 11/12 and the Boarding Station to become patchier in nature and less dense through the evening.

Houston Pilots Visibility Report

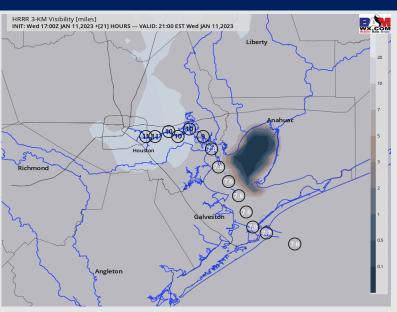


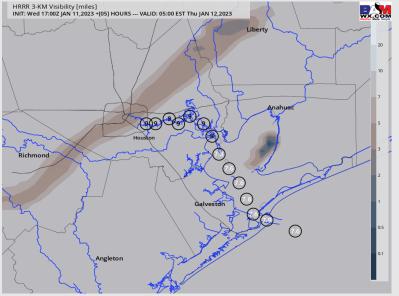


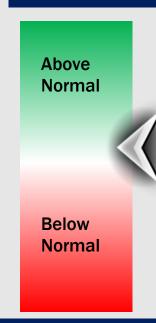
9 PM CT WED VISIBILITY

5 AM CT THU VISIBILITY

Confidence







TIMEFRAME	THREAT
6 PM WED – 6 AM THU	LOW - MED

- After 6 PM and into early tomorrow AM, fog will be a risk out ahead of the front expected Thursday morning.
- Anticipating any fog that may develop to be patchy in nature begin to work in over the east side of the Bay and then drift westward towards stations south of Morgan's Point.
- Visibility may be reduced to less than 1 mile with pockets of visibility reduced to 0.5 mile or less.

Houston Pilots Extended Range Visibility Report





Possible

Saturday 1/14/23

Northerly winds in the AM will shift from the SE to S during the late evening.

Confidence

Above Below Normal Normal

Monday 1/16/23

Southerly winds possible for Monday with more low-level moisture available will make fog a possibility.

Above Normal Below Normal

Sunday 1/15/23

Winds will be from the S to SSW on Sunday, but the low levels of the atmosphere look too dry to support fog. This will need to be monitored.



Chance for Reduced Visibility

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

Monday PM

Houston Pilots Visibility Report





Above Normal Below Normal

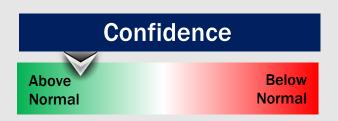
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610 Bridge	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	9	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
Kinder 1	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	9	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
Greens Bayou	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	9	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	10	10	10	10	9	9	10	9	9	9	9	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	10	10	10	10	10	9	10	10	10	9	9	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	10	10	10	9	8	10	9	9	8	9	9	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	10	10	10	8	8	9	9	8	7	9	9	9	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	10	10	10	8	7	9	9	7	6	9	9	8	9	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	10	10	10	8	8	9	9	7	6	9	9	8	9	9	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
51/52	10	10	10	10	10	10	10	10	10	10	8	8	9	9	7	6	9	9	8	9	9	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
37/38	10	10	10	10	10	10	10	10	10	10	8	8	9	9	7	6	7	7	8	7	9	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
25/26	10	10	10	10	10	10	10	10	10	10	8	8	9	9	7	6	8	7	8	7	9	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
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1 & 2 Bravo	10	10	10	10	10	10	10	10	10	10	10	8	10	10	7	6	9	9	8	7	7	8	10	10	10	10	10	10	10	10	10	10	10	10	10	10

Refer to the slides above for the official BAM thinking. The chart here is not 100% perfect.

Houston Pilots Wind Report







Sustained wind 13 Knots

Gusts 18 Knots

WS: 13

G:18

N

Time	Wed	Wed	Wed	Wed	Wed	Wed	Wed	Wed	Wed	Wed	Wed	Wed	Wed	Thu	Thu	Thu	Thu	Thu	Thu	Thu	Thu	Thu	Thu	Thu	Thu	Thu	Thu	Thu	Thu	Thu	Thu	Thu	Thu	Thu	Thu	Thu
Knots	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	3pm	4pm	5pm	6pm	7pm	8pm	9pm	10pm
610 Bridge	10	12	13	13	12	12	10	8	9	10	10	9	10	11	11	10	10	9	8	8	9	10	12	13	14	14	14	14	14	14	14	11	10	10	10	10
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	SW	SW	SW	SW	SW	SW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SW	SW	WSW	WSW	W	WNW	NW	NW	NNW	N												
Kinder 1	10	12	13	13	12	12	10	9	9	10	10	9	10	11	11	10	10	9	8	8	9	10	13	13	14	14	14	14	14	14	14	11	10	10	10	10
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	SSW	SW	SW	SW	SW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SW	SW	WSW	WSW	W	WNW	NW	NW	NNW	N												
Greens Bayou	10 19 SW	12 20 SW	12 21 SW	13 21 SW	12 20 SW	11 20 SSW	10 19 SSW	9 22 SSW	8 24 SSW	10 25 SSW	10 27 SSW	9 24 SSW	10 25 SSW	11 27 SSW	11 27 SW	10 18 SW	10 18 WSW	9 17 WSW	8 16 W	8 14 WNW	9 15 NW	10 17 NW	13 20 NNW	13 20 NNW	14 20 NNW	14 20 NNW	14 20 NNW	14 20 NNW	14 20 NNW	14 21 NNW	14 20 NNW	11 19 NNW	10 19 NNW	10 18 NNW	10 17 NNW	10 17 NNW
Shell Crude	10 19 SSW	11 19 SW	12 20 SW	13 21 SW	12 20 SW	11 20 SSW	10 20 SSW	9 22 SSW	8 24 SSW	10 25 SSW	10 25 SSW	9 23 SSW	10 24	11 26 SSW	11 26 SW	10 18 SW	10 18 SW	9 17 WSW	9 16 W	8 14 W	9 15 NW	10 17 NW	13 20 NNW	13 20 NNW	14 20 NNW	14 19 NNW	14 20 NNW	14 20 NNW	14 20 NNW	15 20 NNW	14 20 NNW	11 19 NNW	11 19 NNW	10 18 NNW	10 17 NNW	10 17 NNW
Lynchburg Ferries	10 19 SSW	11 19 SW	12 20 SSW	12 20 SW	11 20 SW	10 19 SSW	9 20 SSW	8 22 SSW	7 22 SSW	9 23 SSW	10 23 SSW	8 21 SSW	9 23 SSW	10 25 SSW	11 26 SW	10 18 SW	10 18 SW	9 17 WSW	9 16 W	8 14 WNW	9 16 NW	10 17 NW	13 20 NNW	13 20 NNW	14 20 NNW	14 19 NNW	14 20 NNW	14 20 NNW	14 20 NNW	14 20 NNW	14 20 NNW	12 19 NNW	11 19 NNW	10 18 NNW	10 17 NNW	10 17 NNW
Exxon 3	9 18 SSW	9 19 SSW	11 20 SSW	11 20 SSW	10 20 SSW	10 20 SSW	8 20 SSW	8 20 SSW	7 20 SSW	8 21 SSW	9 21 SSW	7 18 SSW	8 20 SSW	10 23 SSW	10 24 SW	10 18 SW	10 18 SW	9 17 WSW	9 16 W	8 14	9 16 WNW	10 17 NW	13 20 NW	13 19 NNW	14 20 NNW	14 19 NNW	14 20 NNW	14 20 NNW	14 20 NNW	14 20 NNW	14 20 NNW	12 20 NNW	11 19 NNW	11 18 NNW	10 18 NNW	10 18 NNW
Morgans Point	9 17 SSW	9 18 SSW	10 20 SSW	11 21 SSW	11 21 SSW	10 21 SSW	9 20 SSW	9 20 SSW	8 19 SSW	9 20 S	10 20 SSW	7 17 SSW	8 18 SSW	10 22 SSW	11 23 SSW	10 19 SW	10 19 SW	10 18 WSW	10 17 W	9 15 W	10 16 WNW	11 18 NW	13 20 NNW	14 20 NNW	14 20 NNW	14 19 NNW	14 20 NNW	14 20 NNW	14 20 NNW	14 20 NNW	14 21 NNW	13 20 NNW	12 20 NNW	11 19 NNW	11 20 NNW	11 19 NNW
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25/26	8	10	12	14	14	13	11	10	10	9	10	12	11	12	14	13	13	13	12	12	12	14	15	16	17	17	17	17	17	17	17	17	17	17	17	16
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11/12	7 10 SSW	8 14 SSW	9 17 SSW	11 21 SSW	11 20 SSW	10 18	10 15 SSW	8 14 SSW	9 15 SSW	9 16 SSW	9 18 SSW	13 22 SSW	11 20 SSW	12 20 SW	13 22 SSW	14 19 SW	14 19 SW	13 18 WSW	13 17 WSW	12 16	12 17 WNW	14 19 NW	15 21 NW	17 22 NNW	17 22 NNW	17 22 NNW	17 22 NNW	17 23 NNW	17 23 NNW	17 23 NNW	18 24 NNW	18 25 NNW	17 24 NNW	17 24 NNW	17 25 NNW	17 23 N
1 & 2 Bravo	5	4	5	6	8	8	8	8	10	10	11	14	12	12	13	15	15	15	14	14	14	15	16	17	18	18	18	18	18	19	19	19	19	19	19	19
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	SSW	S	S	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SW	SW	SW	SW	SW	WSW	W	W	WNW	NW	NNW	N	N										

Houston Pilots: Wed. 1/11/2023





Forecast Discussion

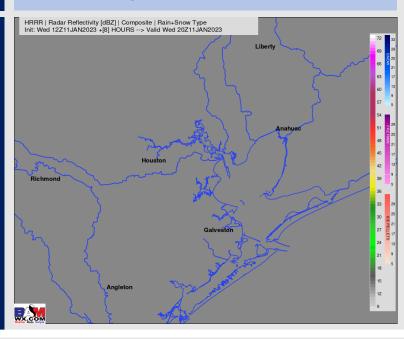
Precip: Anticipating the rest of the day to remain dry.

Wind: Sustained winds out of the SW at 10 – 15 kts for the rest of the day. Wind gusts of up to 18 - 23 kts will be possible across all stations throughout the evening.

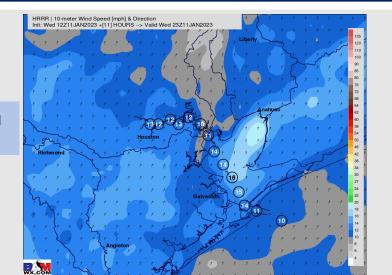
Temps: Low temps Thursday morning in the upper 50s F near 60 F for all stations.

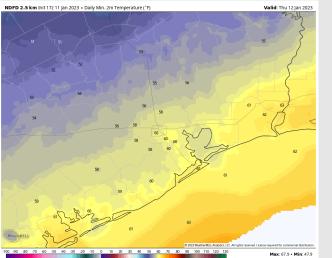
Visibility: More information on the visibilities slide above regarding fog.

Precip Forecast: 2 PM CT



Wind Speed 5 PM CT





Low Temps Thursday AM

Houston Pilots: Thur. 1/12/2023





Forecast Discussion

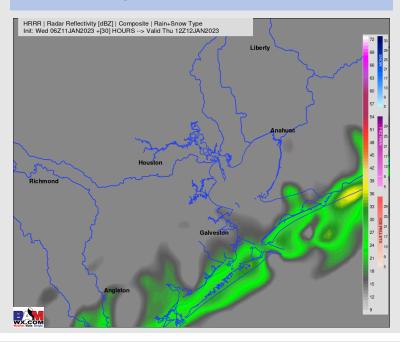
Precip: Anticipating a 60% chance for showers along the cold front that will march through the area in the 3 – 7 AM timeframe. Beyond this, we are favoring a dry day today.

Wind: Sustained winds will start from the SW in the AM and shift from the NW by 8 AM as a front pushes through. Winds north of Morgan's Point will range from 8 – 13 kts (even after the front pushes through) and south of Morgan's point will be more elevated at 13 – 18 kts. Wind gusts could reach as high as 25 kts across all stations from 10 AM – 4 PM. Wind gusts will be highest at the Boarding Station, where gusts could reach 30 kts during the 5 PM – 11 PM timeframe.

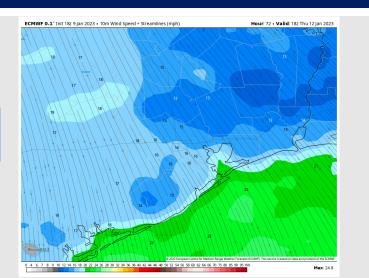
Temps: High temperatures Thursday will be in the mid 60s F across all stations.

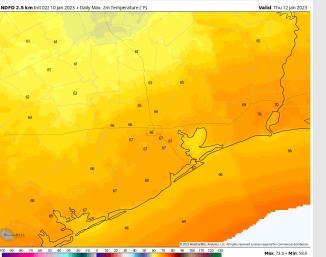
Visibility: Fog is not likely to occur for the daytime hours Thursday as the front passes, however it is at least worth watching the pre-dawn hours for patchy fog to try and develop out ahead of the front.

Precip Forecast: 5 AM CT



Wind Speed 12 PM CT





High Temps Thursday

Houston Pilots: Fri. 1/13/2023





Forecast Discussion

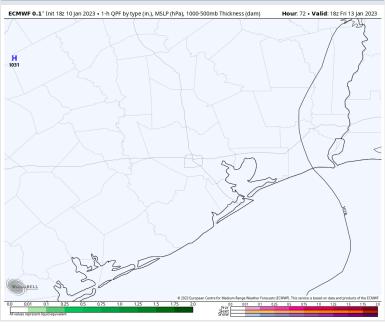
Precip: Anticipating a dry day for Friday.

Wind: Sustained winds will be from the NNW for the entire day. Winds will start most elevated in the morning, where north of Morgan's point will be 5 – 10 kts from 6 AM – 6 PM. South of Morgan's Point will be in the 9 – 16-kt range during the same timeframe. After 6 PM winds will lighten to 4 – 8 kts north of Morgan's and 8 – 15 kts south of Morgan's point. Wind gusts south of 51/52 will range from 20 – 25 kts from 1 – 6 AM.

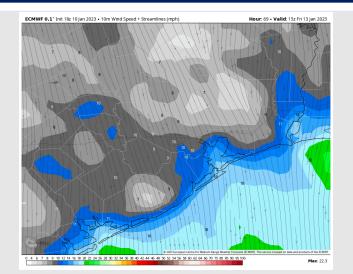
Temps: High temperatures Friday will be in the lower 60s F north of Morgan's Point and in the mid to upper 50s F south of Morgan's Point.

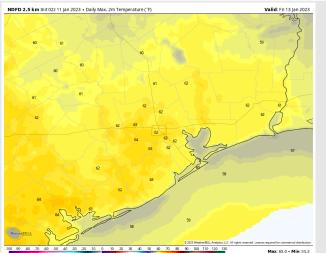
Visibility: Not anticipating any visibility concerns at this time.

Precip Forecast: 12 PM CT



Wind Speed 10 AM CT



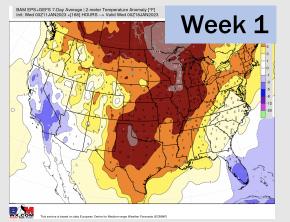


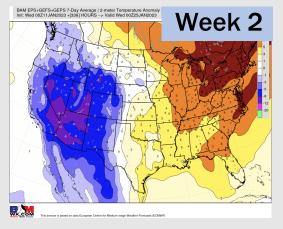
High Temps Friday

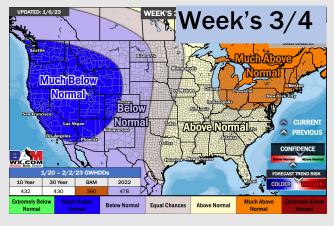
Houston Pilots: 1/11/23

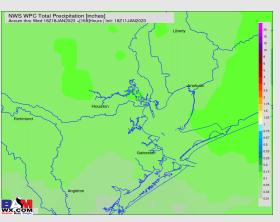


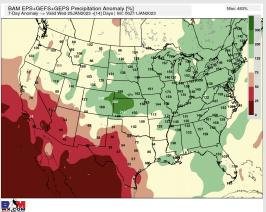


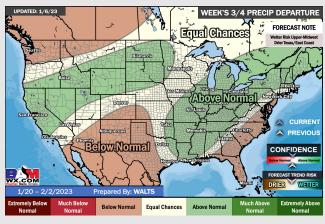












- A generally drier pattern with the best chances for precip moving forward coming Monday, and again next Wed/Thu. Temps will continue to remain above average.
- Week 2 precipitation is expected to be near normal for the week 2 timeframe. Temperatures are to be above normal.
- Near normal precipitation chances and warmer weather is expected in the weeks 3/4 timeframe.