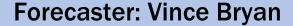
Houston Pilots Forecast Package

Updated: 5:00 AM CT

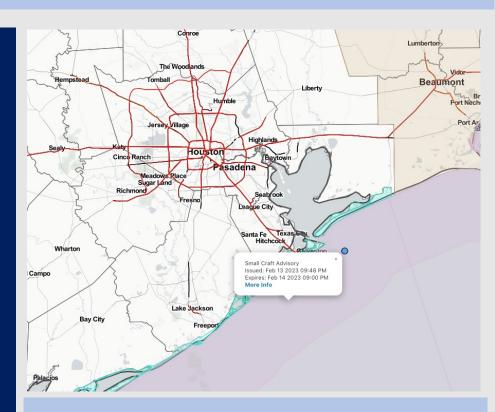
Tuesday, February 14, 2023





Weather Headlines

- Rain chances start this AM before drying out into the afternoon. Rain chances will stick around Wednesday and early Thu AM before drying out for the weekend.
- Eyeing early Wednesday AM through Thursday AM for sea fog risks to return to the picture. Check the fog slides below for more details.
- Onshore winds will lead to wave heights of 6+ feet will be possible at the boarding station through sundown today.
- Check slides below for more details on daily breakdowns of winds as they will stay elevated.
 Winds behind the cold front Thursday will also lead to gusty winds (gusts 30+ knots in the PM)



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





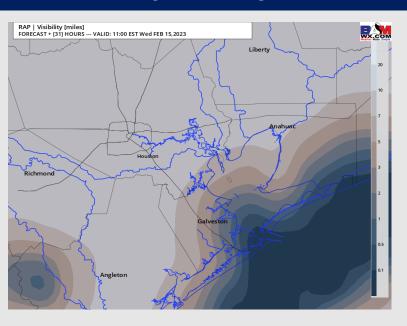
7 AM CT WED VISIBILITY

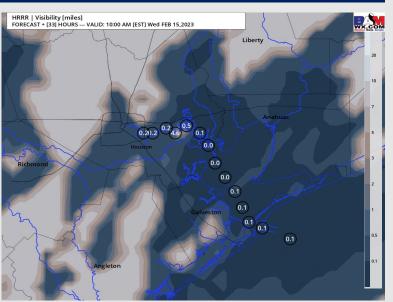
9 AM CT WED VISIBILITY

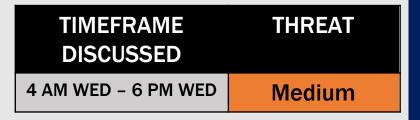
Confidence

Above Normal

Below Normal







- ➤ Some slightly lower confidence on exact start time of fog development as this will depend on when winds fully shift from SW to SE, but currently favoring that to happen ~4-6 AM WED window.
- ➤ Coverage will increase from the boarding station and progress further north through the morning. As of now, currently targeting the 7-10 AM window for the best threat of the most widespread dense fog risk where all stations will be at play, and visibilities of less than 1-2 miles will be possible.
- ➤ Beyond 10 AM and into the evening hours, there can still be *a few* pockets of patchy fog/reduced visibility of a few miles, however we believe this can be much more isolated in nature and most stations can avoid fog during most of the afternoon hours Wed.

Houston Pilots Visibility Report

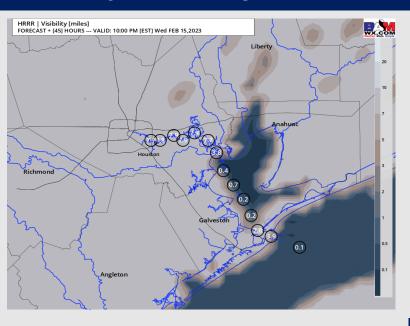


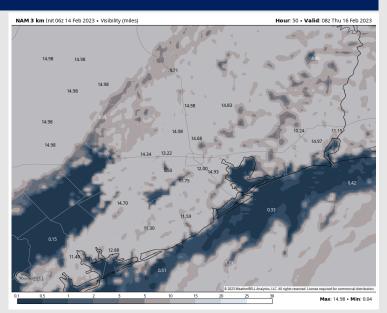


9 PM WED VISIBILITY

4 AM THU VISIBILITY

Confidence







Below Normal

TIMEFRAME DISCUSSED

7 PM WED - 7 AM THU

Medium - High

THREAT

- ➤ Still some uncertainty on exact "start" times of fog Wednesday evening, but we do believe anytime after sundown fog will be at play at the boarding station. Fog will then likely continue to progress northward over the course of the evening.
- ➤ Confidence is higher than average that there will be fog overnight Wednesday into the pre-dawn hours Thursday. Dense fog of <1 mile visibility will be at play with this fog.
- ➤ A cold front will work through the region in the 5-8 AM hours Thursday and as it does so it will take precip with it and effectively wipe out any fog risks as winds turn from the NW.

Houston Pilots Extended Range Visibility Report





Halikaly

Possible

Possible

Friday 2/16/23

Elevated northerly winds expected all day Friday, making sea fog unlikely.

Saturday 2/17/23

Winds shift from the NE to SE by late Saturday evening. Most likely not enough time for sea fog to develop.



Sunday 2/18/23

S – SSE winds all day Sunday. Will need to monitor for sea fog potential, however right now we are not in favor of this.

Above Below Normal Normal



Chance for Reduced Visibility

Friday AM

Sunday AM

Sunday PM

Thuay Aivi	Offlikely
Friday PM	Unlikely
Saturday AM	Unlikely
Saturday PM	Unlikely

Houston Pilots Visibility Report



10



10

Confidence

Above

610 Bridge

Greens

Crude Lynchburg

Exxon 3

Morgans

Below

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Refer to the slides above for the official BAM forecast	The chart is likely not 100% accurate with fog

	Normal	Normal	
Defer to the clides above for the	official DAM forces	The electric likely not 4000	/

Houston Pilots Wind Report







Sustained wind 13 Knots

Gusts 18 Knots

Wind from the N

Example

WS: 13 G:18 N

Time	Tue	Tue	Tue	Tue	Tue	Tue	Tue	Tue	Tue	Tue	Tue	Tue	Tue	Tue	Tue	Tue	Tue	Tue	Tue	Tue	Tue	Tue	Wed	Wed	Wed	Wed	Wed	Wed	Wed	Wed	Wed	Wed	Wed	Wed	Wed	Wed
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610 Bridge	26	25	25	23	28	28	31	27	34	32	25	25	26	27	19	15	11	9	8	8	8	8	8	7	7	7	7	7	7	9	8	11	13	17	20	22
	SSE	S	S	S	S	S	SSW	SSW	SW	SW	SW	wsw	WSW	WSW	WSW	wsw	SW	SW	SSW	SSW	SSW	SSW	S	S	S	SSE	SSE	SSE	SE	SSE	SE	SE	SE	SSE	SSE	SSE
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Kinder 1	25	25	26	22	27	29	30	27	33	32	25	24	26	27	20	15	11	9	8	8	8	8	8	7	7	7	7	7	7	8	8	11	13	16	19	22
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Greens	24	23	25	22	25	28	28	27	31	33	26	22	26	26	20	15	11	9	8	8	8	8	8	7	7	7	7	7	7	8	8	10	12	16	19	22
Bayou	SSE	S	S	S	S	S	S	ssw	SSW	sw	sw	wsw	wsw	wsw	wsw	wsw	sw	sw	SSW	SSW	SSW	SSW	S	S	S	SSE	SSE	SE	SE	SE	SE	SE	SE	SSE	SSE	SSE
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Shell	24	22	24	23	25	27	29	27	30	34	27	22	24	24	20	15	11	9	8	8	8	8	8	7	7	7	7	7	8	8	8	10	12	16	18	21
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Lynchburg	22	19	20	21	24	25	27	27	29	34	28	22	23	21	20	15	10	ğ	8	8	8	8	7	7	6	7	7	7	8	8	8	10	12	15	17	21
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Morgans	11	9	10	9	10	12	11	12	12	14	14	12	11	10	10	10	8	′	,	0	0	0	5	5	5	5	5	0	0	6	,	10	9			
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	SSE	SSE	SSE	SSE	SSE	S	S	S	SSW	SW	SW	wsw	SW	SW	wsw	SW	SW	SW	SSW	SSW	ssw	ssw	SSW	S	S	SSE	SSE	SSE	SSE	SE	SE	SE	SE	SE	SSE	SSE
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	SSE	SSE	SSE	SSE	SSE	S	S	S	SSW	SW	SW	SW	WSW	SW	SW	SW	SW	SSW	SSW	SW	SSW	SSW	SSW	S	S	SSE	SSE	SSE	SSE	SE	SE	SE	SE	SE	SSE	SSE
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37/38	20	20	21	22	24	25	25	21	22	27	28	23	19	18	17	13	11	10	9	8	8	7	6	6	5	6	6	7	7	8	9	11	14	16	17	19
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1 & 2 Bravo	23	23	24	24	24	27	26	24	27	23	28	32	27	24	21	15	14	13	12	10	10	9	7	7	7	7	7	8	8	10	10	13	14	16	16	18
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Houston Pilots: Tues. 2/14/2023





Forecast Discussion

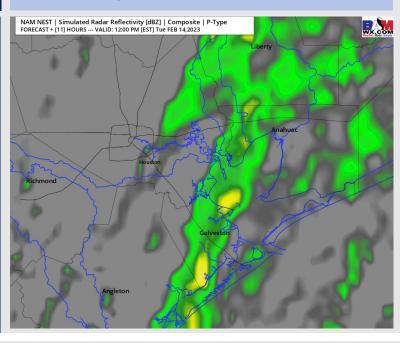
Precip: Some isolated showers will be around the area early this AM (~20%) with better chances of showers/thunderstorms from 9 AM – 12 PM (40%). After 1 PM, favoring dry conditions for the rest of the day.

Wind: Sustained winds gradually shift from SE to SW and stay that way after 10 AM. Elevated winds of 11 – 16 kts for stations north of Morgan's Point and 15-20 kts for stations south of Morgan's Point will continue until 4 PM. Winds will then gradually decrease to 5-10 kts for stations north of Morgan's Point and 8 – 14 kts for stations south of Morgan's Point and stay that way for the rest of the evening. Wind gusts of 30 kts will be possible for all stations until 3 PM, before gusts fall to 15-20 knots at the boarding station.

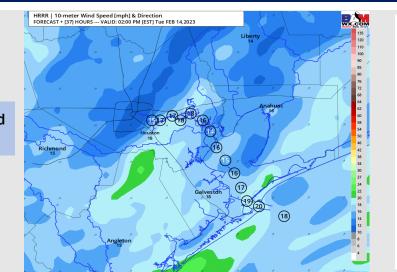
Temps: High temperatures will be in the mid to upper 60s F near the Boarding Station and upper to mid 70s F across all other stations.

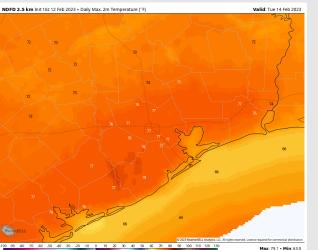
Visibility: Not anticipating any visibility concerns at this time through the day. Check slides above for more on development into Wednesday AM.

Precip Forecast: 11 AM CT



Wind Speed 1 PM CT





High Temps Today

Houston Pilots: Wed. 2/15/2023





Forecast Discussion

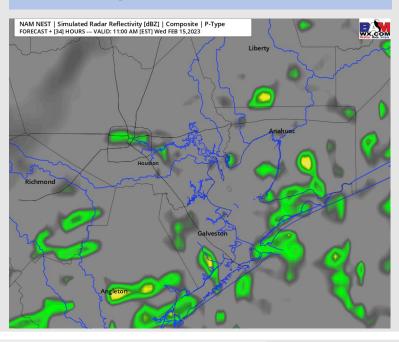
Precip: Isolated showers possible in the area between 10 AM – 9 PM. Coverage will be on the order of ~30% and intensity rather light. This is certainly not a washout of a day.

Wind: Winds shift from the SW to SSE by 6 AM and remain that way for the rest of the day. Winds will be at 5-10 kts across all stations until 9 AM. After 9 AM winds will pick back up to 10-15 kts for stations north of Morgan's Point and 13-18 kts for stations south of Morgan's Point and will stay that way for the rest of the day. Occasional gusts to 18-23 knots at the boarding station will be possible anytime after 1 PM.

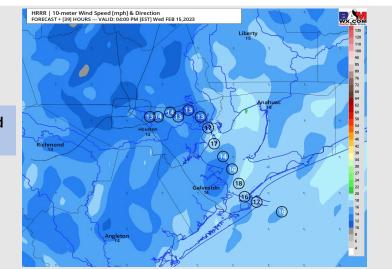
Temps: High temperatures Wednesday in the near 70s F across all stations.

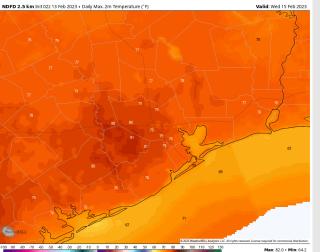
Visibility: Please check detailed fog slides above for fog risks Wednesday. There is likely a break into the PM hours before another risk heading Wednesday night – early Thursday AM.

Precip Forecast: 10 AM CT



Wind Speed 3 PM CT





High Temps Wednesday

Houston Pilots: Thu. 2/16/2023





Forecast Discussion

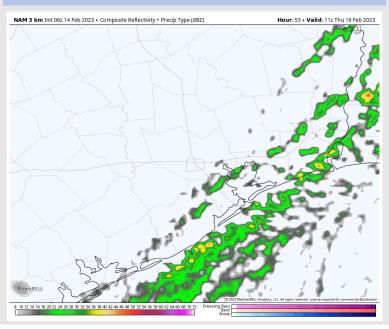
Precip: A line of showers and a few thunderstorms will be possible Thursday AM from 5 – 8 AM with the cold front. Dry conditions filter in behind the front.

Wind: Prior to 6 AM, winds for stations north of Morgan's Point at 5 – 10 kts and 10 – 15 kts for stations south of Morgan's Point coming from the SW. After 9 AM, winds increase to 13 – 17 kts for stations north of Morgan's Point, and 18-23 knots South of Morgan's Point. Wind gusts of 30 + kts possible around the Boarding Station most of the day.

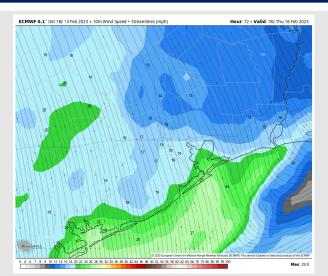
Temps: High temperatures Thursday will be near 60 F across all stations. This happens early in the day.

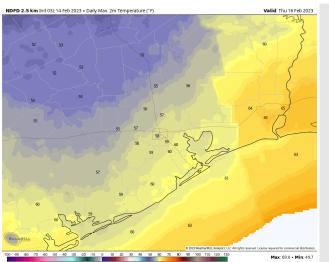
Visibility: Fog will be possible before the passing of the cold front. More details on early AM threat on fog slides above.

Precip Forecast: 6 AM CT



Wind Speed 12 PM CT



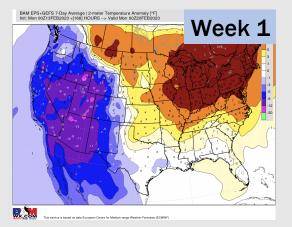


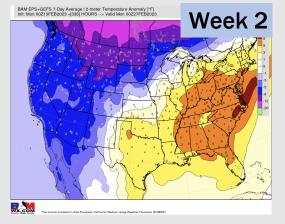
High Temps Thursday

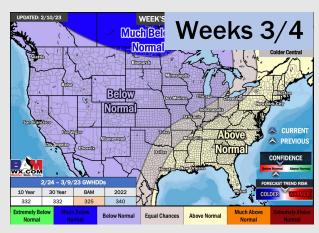
Houston Pilots: 2/14/23

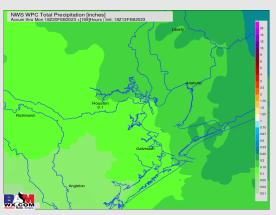


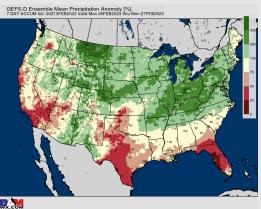


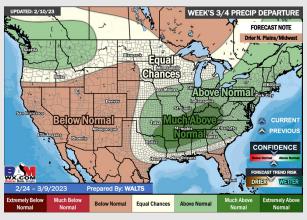












- Tuesday through Thursday expected to be active in precipitation, before another dry stretch beyond that. Temps expected to be near to below normal.
- Expecting near to below normal precipitation chances and above normal temperatures for the week 2 timeframe.
- Equal chances for precipitation and above normal temperatures favored in the week 3/4 timeframe.