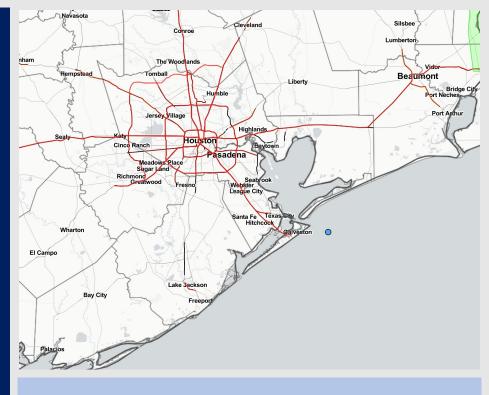
Houston Pilots Forecast Package

Updated: 1:30 PM CT Thursday, January 5, 2023

Forecaster: Alyssa McClung

Weather Headlines

- Favoring fog not to be a concern tonight / Friday AM. We will need to watch Fri evening and Saturday AM for increasing fog risks as winds turn back more out of the ESE.
- Favoring a dry stretch over the next 2 days, with next rain chance being SAT afternoon.
- Friday night and the day on Sunday are two windows to watch for elevated winds at the boarding station.



Houston Pilots

Radar/NWS Alerts: 1:30 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



Confidence

Normal

Above Normal

REDUCED VISIBILITY RISK – Friday After Sundown Through Saturday Morning

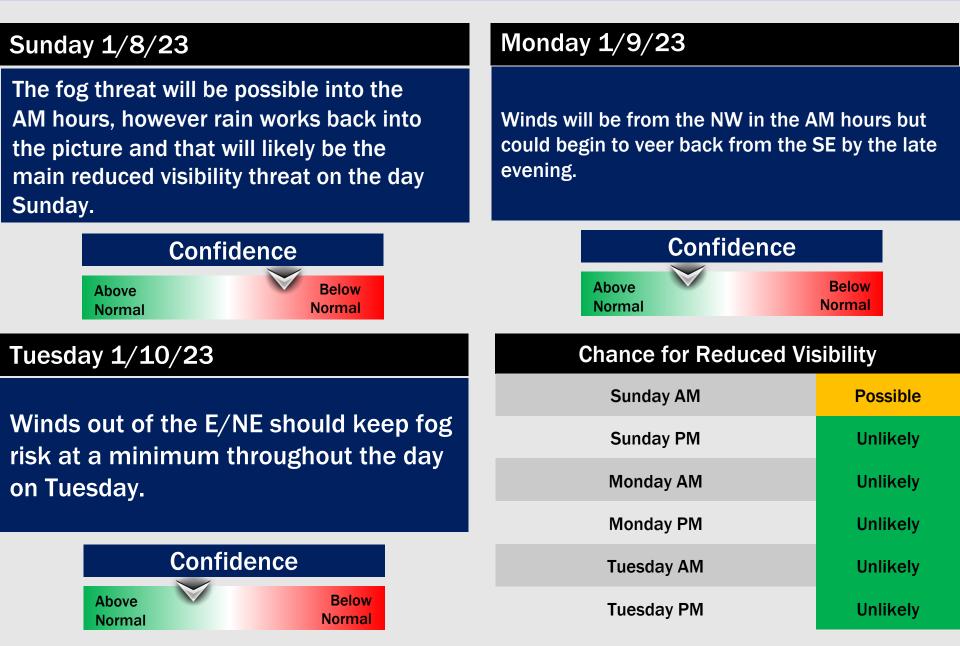
- Not much model data supports this fog potential; however the threat cannot be completely ruled out as <u>winds shift out of the SE creating</u> <u>more favorable conditions for sea fog.</u>
- The sea fog threat is for late Friday evening into early Saturday AM and is favored to be patchy in nature and locally dense at times if developed.
- If fog occurs, favoring the threat to begin at the Boarding Station then gradually work into the Galv. Bay. Stations north of Morgan's Point would have a better chance to see fog Saturday AM.
- Low confidence on timing, coverage and likelihood of this sea fog risk.

THREAT

Low - Med

Houston Pilots Extended Range Visibility Report





Houston Pilots Visibility Report





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

Houston Pilots Wind Report



Oouf				Example			
Cont	dence	Sustained wind 13 Knots		N/0.40			
Above	Below	Gusts 18 Knots		WS: 13 G:18			
Normal	Normal	Wind from the N	->	Ν			

Time	Thu	Thu	Thu	Thu	Thu	Thu	Thu	Thu	Thu	Thu	Thu	Thu	Thu	Fri	Fri	Fri	Fri	Fri	Fri	Fri	Fri	Fri	Fri	Fri	Fri	Fri	Fri	Fri	Fri	Fri	Fri	Fri	Fri	Fri	Fri	Fri
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	4	3	3	3	6	6	5	4	3	3	3	2	3	3	3	3	3	3	3	4	4	4	6	7	8	8	10	10	11	11	10	9	8	7	7	7
	4	4	5	5	7	7	7	8	6	7	7	8	9	9	10	4	5	5	6	5	6	7	8	9	11	13	14	15	15	15	15	13	12	12	12	13
	NE	NE	ENE	NE	NE	ENE	ENE	ENE	NE	NE	ENE	ENE	ENE	ENE	ENE	E	E	E	E	E	E	ESE	ESE	SE	SE	SSE	SSE	SSE	SSE	SSE	SE	SE	SE	SE	SSE	SSE
Kinder 1	4	4	3	4	6	6	5	4	3	3	3	2	3	3	3	3	3	3	4	4	4	4	6	7	8	9	10	10	11	11	10	9	8	7	7	7
	4	4	5	5	7	7	6	7	5	6	7	9	9	10	10	4	5	5	6	5	6	7	9	9	11	13	13	15	15	15	15	13	12	12	11	13
	NE	ENE	ENE	NE	ENE	ENE	ENE	ENE	NE	NE	ENE	ENE	ENE	ENE	ENE	E	E	E	E	E	E	ESE	ESE	SE	SE	SE	SSE	SSE	SSE	SSE	SE	SE	SE	SE	SSE	SSE
Greens Bayou	4 5 NE	4 5 NE	3 5 ENE	4 5 NE	6 6 NE	5 6 NE	4 6 NE	3 6 NE	3 5 NNE	3 6 NNE	3 8 ENE	2 9 E	3 10 ENE	3 10 ENE	3 10 ENE	3 4 E	3 5 E	3 5 E	4 6 E	4 5 E	4 6 E	4 7 ESE	6 9 ESE	7 9 SE	8 11 SE	9 12 SE	10 13 SSE	10 15 SE	10 15 SSE	11 15 SE	10 15 SE	9 13 SE	8 13 SE	8 12 SSE	7 12 SSE	7 13 SSE
Shell Crude	3	4	3	4	5	5	4	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	6	7	8	9	10	10	11	11	10	9	8	8	7	8
	5	5	5	5	6	6	6	6	5	6	8	9	10	10	10	4	5	5	6	6	6	7	9	9	11	12	13	15	15	15	15	13	13	12	12	13
	NE	NE	ENE	NE	NE	NE	NE	NE	NNE	NNE	ENE	E	ENE	ENE	ENE	E	E	E	E	E	E	ESE	ESE	SE	SE	SE	SSE	SE	SSE	SE	SE	SE	SE	SSE	SSE	SSE
Lynchburg Ferries	3 4 NE	4 5 NE	3 5 NE	4 5 NNE	4 5 NE	4 5 NE	4 6 NE	3 6 NNE	3 6 NNE	3 8 NE	3 10 ENE	3 10 E	3 10 ENE	3 10 ENE	3 10 ENE	3 5 E	4 5 E	4 6 E	4 6 E	4 6 E	4 6 E	5 7 ESE	6 9 ESE	7 9 SE	8 11 SE	9 13 SSE	10 13 SSE	11 15 SSE	11 15 SSE	11 15 SSE	10 15 SSE	9 13 SE	8 13 SE	8 13 SSE	8 13 SSE	8 13 SSE
Exxon 3	2	4	3	4	4	4	3	3	3	4	4	3	4	4	3	3	4	4	4	4	4	5	6	7	8	9	10	11	11	11	10	9	8	8	8	8
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Morgans Point	3 4 NE	3 5 NE	2 4 NE	3 4 ENE	3 4 ENE	3 5 NE	3 6 NE	3 6 NNE	4 7 NE	4 7 E	4 8 ENE	4 8 E	4 10 ENE	4 9 NE	4 9 ENE	4 6 E	4 6 E	5 7 E	5 7 E	5 7 E	5 7 E	5 8 ESE	6 9 ESE	7 10 SE	8 12 SE	9 13 SE	10 13 SE	10 14 SE	11 15 SE	10 14 SE	10 14 SE	9 13 SE	9 13 SE	9 13 SE	9 14 SSE	9 14 SSE
75/76	5	3	1	1	1	1	2	2	4	5	6	5	5	5	5	6	6	6	6	6	6	7	7	7	8	9	10	10	10	10	10	9	10	10	10	10
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63/64	6	5	2	1	2	1	1	2	4	5	7	6	5	6	5	6	6	6	6	7	7	7	7	8	9	10	10	10	10	10	10	10	10	11	11	11
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51/52	7	6	3	2	3	2	1	3	5	6	7	6	5	5	5	6	7	6	7	7	7	7	8	8	9	10	10	10	10	10	10	10	10	11	11	11
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	NNE	NNE	SSW	WSW	WNW	WSW	ESE	ENE	E	E	ENE	ENE	ENE	NE	NE	E	E	E	E	ESE	ESE	ESE	ESE	ESE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SSE
37/38	7	6	4	3	4	2	2	4	5	7	7	6	5	5	4	6	7	7	7	7	7	8	8	9	9	10	10	10	10	10	10	10	11	11	12	12
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	NNE	N	W	W	WNW	WSW	ENE	ENE	ENE	E	E	ENE	ENE	NE	NE	E	E	E	ESE	ESE	ESE	ESE	ESE	ESE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SSE	SSE
25/26	7	6	5	3	4	2	3	4	4	6	6	6	4	5	5	6	7	7	7	7	7	8	8	9	9	9	9	10	10	10	10	10	10	11	12	12
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	NNE	NNE	SSE	SSW	SW	SSE	ENE	ENE	ENE	ENE	E	E	ENE	ENE	ENE	E	E	ESE	ESE	ESE	ESE	ESE	ESE	ESE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SSE	SSE
11/12	7	6	5	3	3	2	3	5	5	6	6	7	5	7	6	7	7	7	7	7	8	8	8	9	9	9	10	10	10	10	10	10	11	11	12	12
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1 & 2 Bravo	8	7	6	4	4	3	5	6	6	7	7	8	8	9	9	8	8	8	8	8	9	9	9	10	10	10	10	10	10	10	11	11	12	13	13	14
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	NE	NE	NE	ENE	ENE	ENE	E	ENE	E	E	E	E	E	E	E	E	E	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	SE	SE	SE	SE	SE	SSE

Houston Pilots: Thu. 1/5/2023



Forecast Discussion

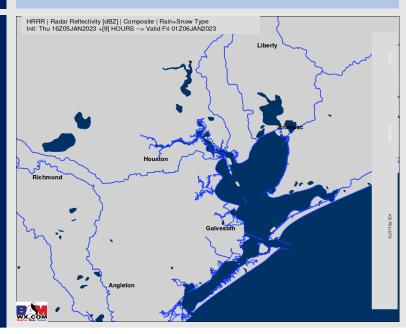
Precip: Anticipating a dry day for today.

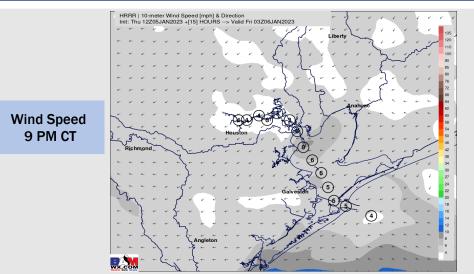
Wind: Winds variable and calm this afternoon. Favoring sustained winds this evening to veer out of the E/NE then flip to ESE near sundown and continue that way through the evening. Winds will be in the 3 – 8 kt range for most of the evening with an occasional 8-13 kt gusts.

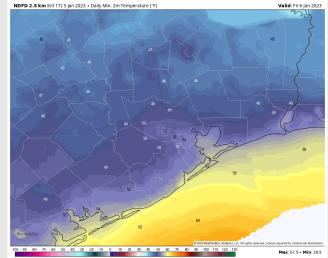
Temps: Low temperatures Friday AM in the upper 50s F at the Boarding Station and in the low 50s F for all other stations.

Visibility: Not anticipating any visibility concerns at this time.

Precip Forecast: 7 PM CT







Low Temps Friday AM

Houston Pilots: Fri. 1/6/2023



Forecast Discussion

Wind Speed

12 PM CT

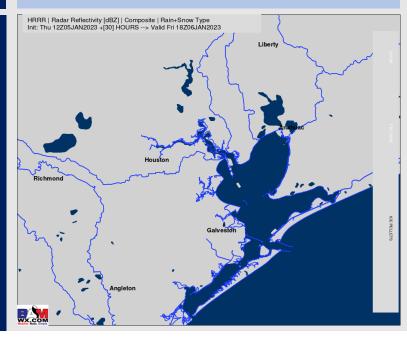
Precip Forecast: 12 PM CT

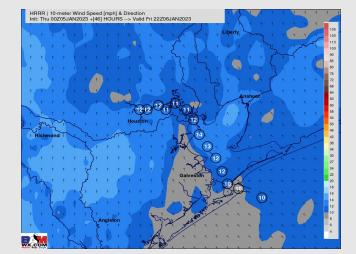
Precip: Expecting dry conditions for Friday.

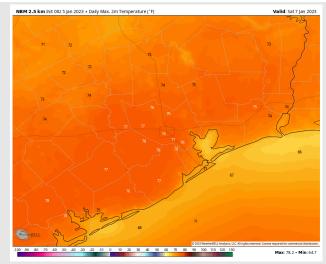
Wind: Winds will be sustained from the SE for the entire day with winds generally staying between 8 – 13 kts across all stations between 10 AM – 6 PM. After 6 PM winds will pick up slightly to 10-15 knots (15 - 20 kts gusts possible).

Temps: High temperatures Friday will be in the mid 70s F North of Morgan's Point and in the mid to upper 60s F South of Morgan's Point.

Visibility: While fog is not expected for most of the day, we do need to watch post sundown for a increasing fog threat given persistent SE winds. This fog risk would continue into the AM hours of Saturday. (Check visibility report on slide 2 for more detail)







High Temps Friday

Houston Pilots: Sat. 1/7/2023



Forecast Discussion

Wind Speed

6 PM CT

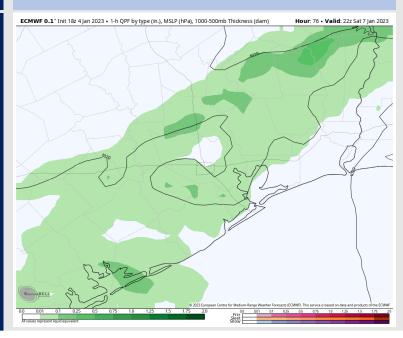
Precip: Dry conditions until 2 PM. After 2 PM, rain chances will increase to 60-70% as rain showers move into the area and will continue for the rest of the evening.

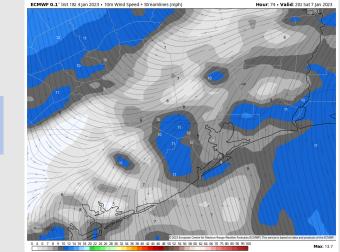
Wind: Winds will be sustained out of the S/SE during the AM hours, then shift to the NW by sundown. Wind speeds will be at 10-15 kts until 7 AM. After 7 AM, winds calm down to 7-12 kts and eventually 4-9 kts by 7 PM.

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

Visibility: The fog risk could possibly continue through the AM hours Saturday with persistent S/SE winds (check visibility report on slide 2). Rain is favored to work into the forecast which may help relieve the fog a bit here and there, but would still be dealing with reduced visibility (due to rain).

Precip Forecast: 4 PM CT

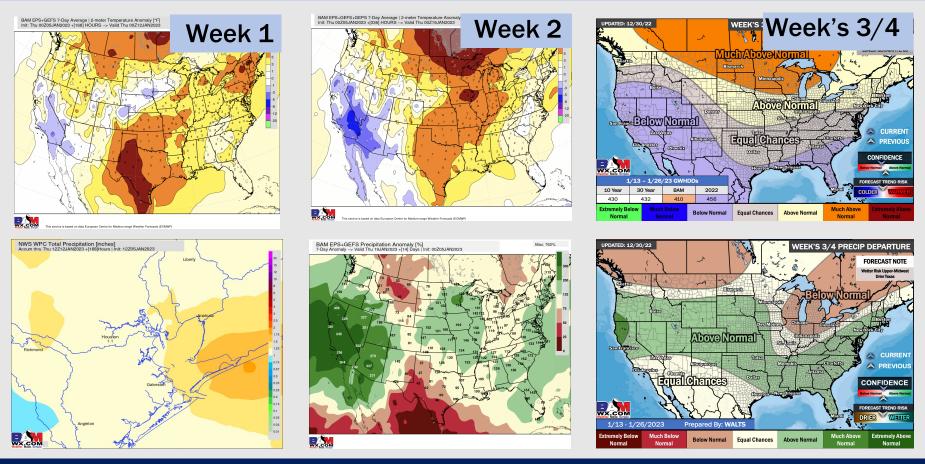




High Temps Saturday

Houston Pilots: 1/5/23





- Expecting a drier end of the week. Eyeing Sunday Tuesday for next shot of more widespread rains. Above average temps favored to continue.
- Week 2 precipitation is expected to be near normal for the week 2 timeframe. Temperatures are to be above normal.
- \blacktriangleright Near normal precip chances and cooler weather is expected in the weeks $\frac{3}{4}$ timeframe.