Houston Pilots Forecast Package

Sunday, December 11, 2022

Forecaster: Alyssa McClung

Weather Headlines

- A rainy morning is anticipated for today as well as for Tuesday. Monday looks to be the driest with a slight chance of a shower.
- Winds will be variable in directions for today and tomorrow in the 5 -15 kt range. Tuesday looks to be a breezy day with wind gusts of 25 – 30 kts possible with another cold front passage.
- Fog threats will end this morning with the passage of a cold front. More details on the slide below. Low end patchy fog threats exist for Sunday evening/Monday Morning, but beyond this timeframe anticipating no fog concerns as winds shift from the NW.



Houston Pilots

Radar/NWS Alerts: 5:00 AM CT

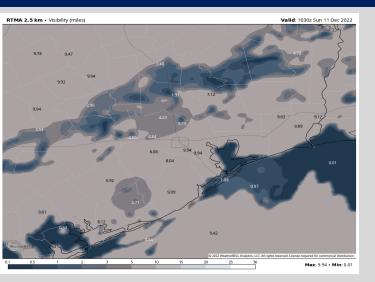


As always, please do not hesitate to reach out to us with any forecast questions via the chat option on the Weather Porthole or our on-call number, (317)-560-8122 press 1 for forecast questions.

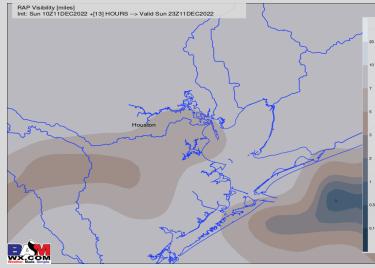
Houston Pilots Visibility Report



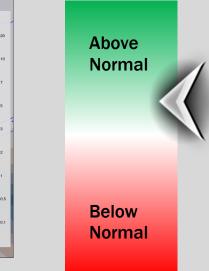
Current Visibility as of 4:30 AM CT



5 PM CT SUN Visibility



Confidence



Reduced Visibility Threat

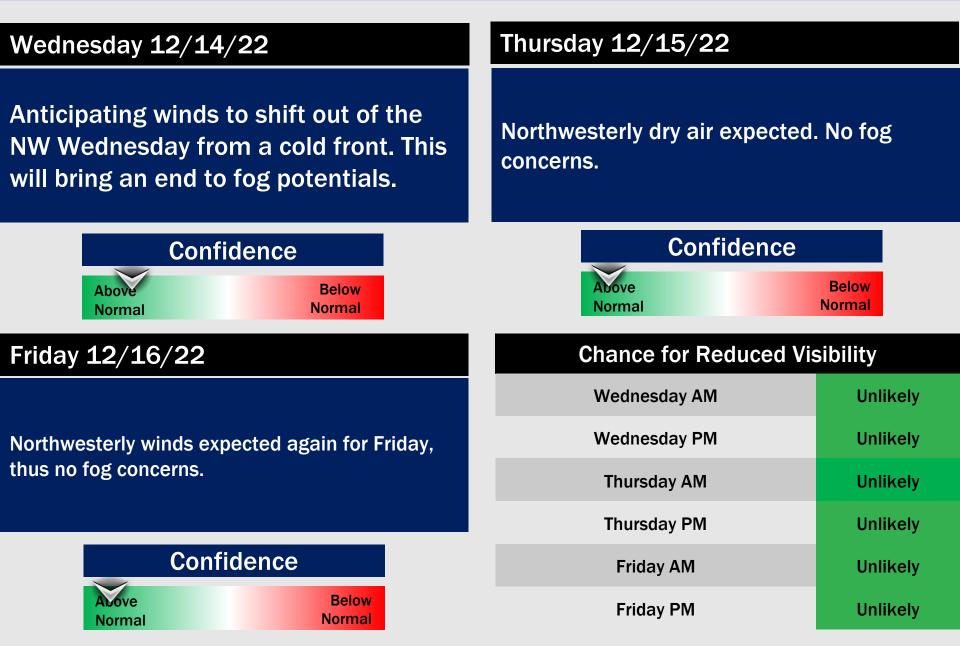
Now -10 AM SUN

Low-Medium

- Patchy fog with some areas of dense fog ongoing right now, but visibilities will continue to improve throughout the morning as showers/storms more through.
- Currently a risk for reduced visibilities of less than 0.5 mile for stations South of Morgan's Point with the Boarding Station at the greatest risk.
- After 6AM-CT, fog risk will become more patchy for all locations as some stronger wind gusts work in. Favoring the 9-10 AM-CT time frame for fog to dissipate due to the cold front sweeping in from the NW.

Houston Pilots Extended Range Visibility Report





Houston Pilots Visibility Report





Time	Sun 3am		Sun 5am	Sun 6am	Sun 7am	Sun 8am	Sun 9am	Sun 10am	Sun 11am	Sun 12pm	Sun 1pm	Sun 2pm	Sun 3pm	Sun 4pm	Sun 5pm	Sun 6pm	Sun 7pm	Sun 8pm	Sun 9pm	Sun 10pm		Mon 12am	Mon 1am	Mon 2am	Mon 3am	Mon 4am	Mon 5am	Mon 6am	Mon 7am	Mon 8am	Mon 9am	Mon 10am	Mon 11am		Mon 1pm	Mon 2pm
610 Bridge	7	8	8	9	8	8	9	9	10	10	10	10	10	8	8	10	10	8	6	5	4	3	0.48	0.52	0.28	0.28	0.28	0.28	0.28	0.28	2	4	6	10	10	10
Kinder 1	7	8	8	9	7	8	9	9	10	10	10	10	10	8	8	10	10	8	6	5	4	3	1	0.52	0.41	0.28	0.28	0.28	0.28	0.28	2	4	6	10	10	10
Greens Bayou	7	8	8	9	4	7	9	9	10	10	10	10	10	8	8	10	10	8	6	5	4	4	1	0.52	0.48	0.28	0.28	0.28	0.28	0.13	2	4	6	10	10	10
Shell Crude	7	8	8	9	4	8	8	9	10	10	10	10	10	9	8	10	10	8	6	4	4	3	1	0.52	0.48	0.28	0.28	0.28	0.28	0.13	2	4	6	10	10	10
Lynchburg Ferries	7	8	8	9	4	8	8	9	10	10	10	10	10	9	8	10	10	7	6	4	4	3	1	0.52	0.48	0.28	0.28	0.28	0.28	0.13	2	4	6	10	10	10
Exxon 3	7	7	8	8	7	8	8	9	10	10	10	10	10	9	8	10	10	7	5	4	4	3	1	0.52	0.48	0.28	0.28	0.28	0.28	0.13	1	4	6	10	10	10
Morgans Point	7	7	8	8	7	8	8	8	10	10	10	10	10	9	8	10	10	7	5	4	4	3	1	0.38	1	0.28	0.28	0.28	0.28	0.13	2	5	7	10	10	10
75/76	7	7	7	8	7	8	8	8	9	10	10	10	10	9	8	10	10	6	5	4	3	3	1	0.38	1	0.28	0.28	0.28	0.28	0.21	2	5	7	9	10	10
63/64	7	7	7	7	7	7	8	8	8	9	10	10	10	9	8	10	9	6	5	4	3	2	0.48	0.28	0.89	0.28	0.28	0.28	0.28	0.28	1	4	6	9	10	10
51/52	7	7	7	7	7	7	8	8	8	8	10	10	10	10	9	10	9	5	4	4	3	2	0.48	0.28	0.28	0.28	0.28	0.28	0.28	0.28	1	3	5	7	9	10
37/38	7	7	7	7	7	7	8	8	8	8	9	10	10	10	9	10	9	6	4	3	3	2	0.48	0.28	0.28	0.28	0.28	0.49	0.28	0.28	0.53	3	5	6	9	9
25/26	7	7	7	7	7	7	7	8	8	8	9	9	10	10	9	10	9	6	4	4	3	2	0.48	0.28	0.28	0.28	0.28	0.51	0.28	0.28	0.52	3	5	6	7	7
11/12	7	7	7	7	1	7	7	8	8	8	9	9	9	10	9	10	10	6	5	4	3	2	0.48	0.28	0.28	0.28	0.28	0.51	0.28	0.28	0.52	3	5	6	7	6
1 & 2 Bravo	3	3	6	3	0.06	0.11	7	7	8	8	9	9	9	9	8	10	7	5	3	3	2	1	0.4	0.24	0.24	0.24	0.24	0.31	0.24	0.24	0.58	2	3	5	5	6

Please check visibility slides above for official thinking on fog as the chart is likely not perfect.

Houston Pilots Wind Report



			E E	Example			
Confid	dence	Sustained wind 13 Knots					
Above	Below	Gusts 18 Knots		WS: 13 G:18			
Normal	Normal	Wind from the N		Ν			

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

Houston Pilots: Sun. 12/11/2022



Forecast Discussion

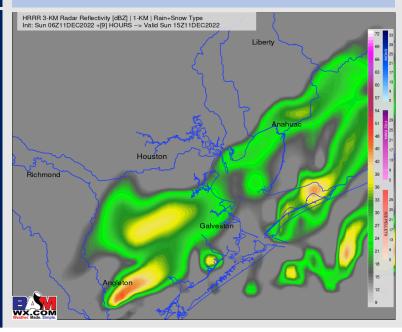
Precip: An 80% chance for scattered showers/storms to continue to work SE over the area through 9 AM CT. After 9 AM CT chances for showers / isolated thunderstorm will decrease to 40% which is where they will stay for most of the day. After 6 PM, chances will continue to decrease leaving the area to see light scattered pockets of showers leading into the overnight.

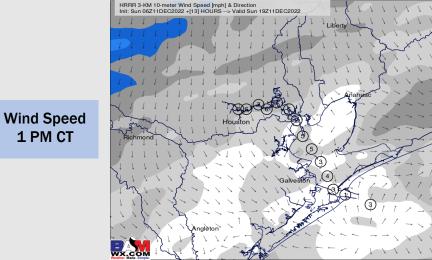
Wind: Anticipating winds to be out of the S early Sunday AM at 4-10 kts. As the morning progresses, winds will become more variable at 1-8 kts. Expecting winds to shift out of the N/NW around 11 AM and continue at 1-6 kts, then shift out of the NE after 2 PM where they remain for the rest of the day.

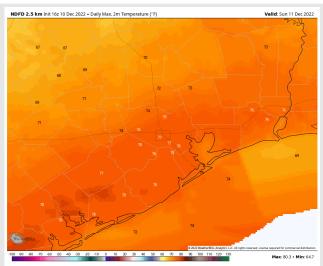
Temps: High temps Sunday will be in the mid 70s F at all locations

Visibility: Patchy dense / widespread dense fog will likely end after 10 AM. Fog threat for this evening is low.

Precip Forecast: 9 AM CT







High Temps Today

Houston Pilots: Mon. 12/12/2022



Forecast Discussion

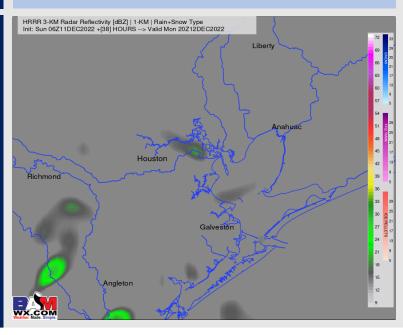
Precip: Anticipating dry conditions for the morning and early afternoon. A 10% chance for a pop-up shower will be possible from 2 PM through 7 PM.

Wind: Winds will begin from the NE in the morning and shift from the East by 9 AM, then finally from the ESE to SE from 1 PM to the remainder of the day. Winds will be at 4 – 9 kts across all stations in the morning, then pickup to 8 – 11 kts by 2 PM. Winds will increase even more S of Morgan's point in the afternoon to 12 – 16 kts by 7 PM and remain as such for the evening.

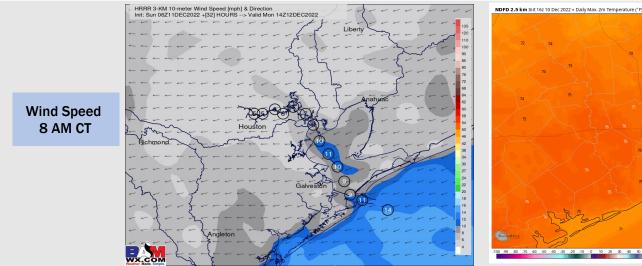
Temps: High temps Monday will be in the mid 70s F north of Morgan's Point and in the low 70s F south of Morgan's Point.

Visibility: A low-end risk for patchy fog will exist in the AM hours mainly north of Morgan's Point, but low confidence exists at the moment. More information will come in future updates.

Precip Forecast: 7 PM CT



Valid: Mon 12 Dec 2022



High Temps Monday

Houston Pilots: Tue. 12/10/2022



Forecast Discussion

2 PM CT

Precip: Favoring dry conditions for the majority of the morning. At around 10 AM, rain showers will enter the region, with greatest chance for precipitation to happen between 3 – 9 PM. Spotty showers could linger through midnight.

Wind: SSE winds in the morning and afternoon will shift from the SW by 6 PM, then from the NNE by midnight. Winds will start out at 9 – 14 kts in the morning then increase to 15 - 22 kts by noon. From the 1 PM - 4 PM timeframe, winds will be the strongest at 17 – 21 kts. At around 8 PM, a front will swing in and calm winds to 3 – 8 kts by 12 AM. Highest wind gusts will range from 25 – 30 kts from 12 PM – 4 PM.

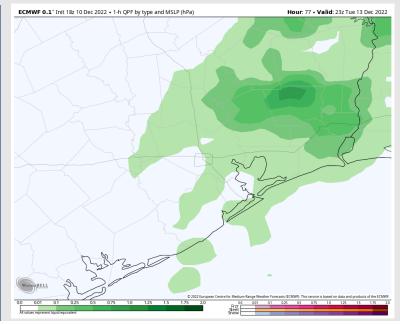
Temps: High temps Tuesday will be in the upper 70s F north of Morgan's Point and in the mid 70s F south of Morgan's Point.

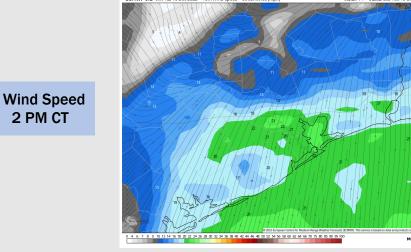
Hour 74 • Valid: 207 Tue 13 Dec 202

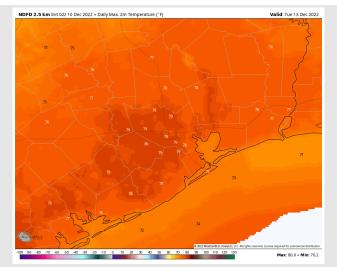
Visibility: Not anticipating any visibility concerns due to the strong winds.

ECMWE 0.1° Init 187 10 Dec 2022 • 10m Wind Speed + Streamlines (mp

Precip Forecast: 4 PM CT



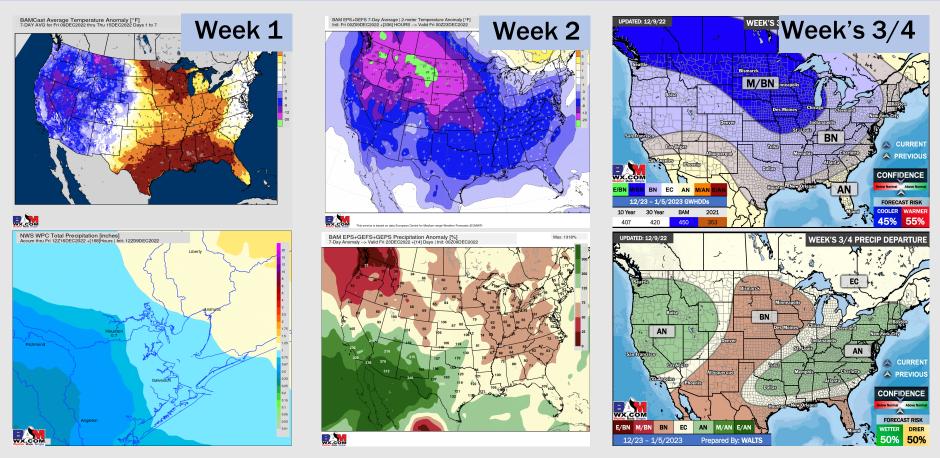




Low Temps Tonight

Houston Pilots: 12/11/22





- Minor, hit and miss light rain chances will be possible over the weekend with better rain chances moving in towards the end of next week. Anticipating temps staying above average.
- Week 2 is expected to be below normal for temperatures and near normal for rain chances for mid December.
- The weeks ³/₄ timeframe looks to feature below normal temperatures and equal chances to below normal for precipitation.