Houston Pilots Forecast Package

Updated: 5:00 AM CT

Wednesday, December 14, 2022



Forecaster: Vince Bryan

Weather Headlines

- Shower/Thunderstorm chances out through early afternoon today give way to a drier pattern through much of the weekend (low precip % on Sat). Next rain system comes Monday into Tuesday of next week.
- Today looks to be a breezy day behind the frontal passage with wind gusts of 25 − 30 kts possible at the boarding station late AM/ early PM (more on slides below). Thursday and Friday will feature calmer winds in the 0 − 15-kt range. Winds look to be elevated Saturday − Monday.
- The pattern ahead looks rather unfavorable for fog We will watch trends closely, but a primarily Northerly wind should really limit fog chances over the next 7-10 days.



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 Extended Range Visibility Report





Saturday 12/17/22

Strong winds from the NE possibly in the low 10– 15 kt range. No fog expected.

Sunday 12/18/22

No Fog expected for Sunday.

Confidence

Above Below Normal Normal

Apove Below Normal Normal

Monday 12/19/22

Rain will be in the forecast so reduced visibility via rain will be possible, but fog is not favored.

Chance for Reduced Visibility

Saturday PM

Saturday AM

Unlikely

Unlikely

Unlikely

Sunday AM

Sunday PM Unlikely

Confidence

Above Below Normal Normal

Monday AM Unlikely

Monday PM

Unlikely

Houston Pilots Visibility Report





Confidence

Above Normal

Below Normal

Time		Wed 4am		Wed 6am		Wed 8am	Wed 9am	Wed 10am	Wed 11am	Wed 12pm	Wed 1pm	Wed 2pm			Wed 5pm	Wed 6pm	Wed 7pm	Wed 8pm	Wed 9pm			Thu 12am		Thu 2am	Thu 3am	Thu 4am				Thu 8am	Thu 9am		Thu 11am		Thu 1pm	Thu 2pm
610 Bridge	10	10	7	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	6	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	9	9	6	9	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	7	7	6	7	10	9	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	7	7	5	6	10	9	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	6	6	5	6	9	9	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	6	5	5	5	7	8	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	5	5	5	5	6	6	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	5	5	5	5	6	6	9	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	5	5	5	5	5	6	9	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	5	5	5	5	5	5	9	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	4	4	4	5	5	4	9	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	4	4	5	6	6	4	9	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	5	5	5	6	6	4	9	7	8	9	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
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Houston Pilots Wind Report







Sustained wind 13 Knots

Gusts 18 Knots

WS: 13

G:18

N

	7	4am	5am		7am	8am	9am	10am	11am	12pm	1pm	2pm		Wed 4pm	Wed 5pm	Wed 6pm		Wed 8pm	Wed 9pm	Wed 10pm	Wed 11pm	12am	Thu 1am	Thu 2am	Thu 3am	Thu 4am	Thu 5am	Thu 6am	Thu 7am	Thu 8am	Thu 9am	Thu 10am	Thu 11am			Thu 2pm
		8	6	6am 8	8	8	11	11	13	9	8	7	8	9	10	8	7	6	6	5	4	4	4	4	3	3	3	3	2	2	3	3	3	3	3	4
610 Bridge 9	9 INW	12 N	13 N	14 N	17 N	21 NNW	25 N	25 N	25 NW	18 NNW	19 NNW	18 NW	18 NW	18 NW	21 NW	14 NW	13 NW	11 NW	10 NW	9 NW	8 NW	7 NNW	7 NNW	6 N	5 N	4 NNE	4 NE	3 ENE	3 ESE	3 SE	4 E	4 ESE	4 ESE	5 SSE	5 SSW	7 SW
7	7	8	6	8	9	8	11	11	13	9	9	7	8	9	10	7	7	6	5	4	4	4	3	3	3	3	3	3	2	2	3	3	3	3	3	4
NN	10 INW	13 N	13 N	14 N	17 N	20 NNW	25 N	24 NNW	25 NNW	NNW	19 NNW	18 NW	18 NW	18 NW	21 NW	13 NW	12 NW	NW	10 NW	9 NW	NW	NNW	NNW	N	Б N	N N	NE	ENE	3 ESE	3 SE	E E	ESE	ESE	SSE	SSW	sw
Greens 1	8 10	8 13	5 12	8 14	10 17	8 20	12 26	11 25	12 25	10 18	9 16	7 18	7 17	9 18	10 20	8 12	7 12	6 11	5 9	5 8	4	3 6	3 6	3 6	3 5	3 4	3	3	2	2	3 4	3 4	3 4	3 4	3 5	4 6
Bayou NN	INW	NNW	N	N	N	N	N	N	NNW	NNW	NNW	NW	NW	NW	NW	NW	NW	NW	NW	NW	ŃW	NNW	NNW	Ň	Ň	s	NE	ENE	ESE	Ĕ	Ē	ESE	ESE	SSE	Š	ssw
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	N	NNW	N	N	N	N	N	N	NNW	NNW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	ŃW	ŃW	NNW	N	N	S	NE	ENE	E	Ē	Ē	ESE	ESE	SE	SSE	S
Lynchburg	7	7	7	9	11	10	12	12	10	10	9	7	7	8	9	9	9	8	7	6	5	5	5	5	5	5	4	4	4	4	4	3	3	3	4	4
Ferries	10 N	12 N	11 N	14 N	17 N	22 N	26 N	25 N	25 NNW	20 NNW	16 NNW	17 NW	17 NW	16 NW	20 NW	14 NW	13 NW	12 NW	10 NW	9 NW	8 NW	NW	NNW	N	6 N	5 S	5 NNF	5 NF	4 F	4 ENE	4 E	ESE	5 ESE	5 SE	6 S	6 S
	7	8	7	9	11	11	12	12	10	11	10	7	7	7	6	9	9	8	8	7	6	6	6	6	5	5	5	5	4	4	4	3	3	3	4	4
	14 N	11 NNW	11 N	13 N	17 N	22	26 N	27	24	21 NNW	17	16 NNW	17 NW	15 NW	19 NW	14	13	12 NW	11	9	8	8 NNW	8 NNW	7	7	6	6 NNE	6 NE	5 ENE	5 ENE	5 ENE	5 ESE	5 ESE	5 SE	6	7
	8	8	13	9	10	14	15	17	15	14	15	9	8	5	5	10	9	8	8	8	NW 7	7	7	7	7	6	NNE 5	5	4	4	4	4	3	3	4	4
Point	19	11	16	12	17	22	28	28	25	22	20	17	17	14	15	15	14	14	13	12	11	10	10	10	9	9	8	7	7	7	7	7	6	6	6	7
P	N 14	NNW 10	13	N 11	10	NNW 17	N 15	18	17	NNW 14	NNW 16	NNW 10	NW 8	NW 6	NW 9	NW 10	10	10	10	NW 9	NNW 8	NNW 8	N 8	N 8	N 8	NNE 7	NNE 7	NE 6	NE 6	ENE 5	ENE 5	4	4	ESE 3	SSE 4	SSE 4
	24	21	16	14	14	22	28	28	28	22	21	18	16	15	13	16	15	14	14	13	11	11	11	11	10	10	9	8	7	7	7	7	6	6	6	7
	SW 14		NNW	NNW	N	NNW	N 16	N 10	N 17	NNW	NNW	NNW	NW	NW	WNW	NW	NW	NW	NW	NW	NNW	NNW	N	N	W	NNE	NNE	NE	NE	ENE	E	E	E	ESE	SE	SSE
	24	12 21	13 21	11 14	11 14	17 23	16 28	18 29	17 28	14 23	16 22	10 18	9 17	15	10 14	11 16	11 16	10 14	10 14	10 14	12	9 11	11	8 11	8 10	8 11	10	9	8	7	7	7	7	6	6	6
, N	NW	SSW	NNW	NNW	NW	NNW	N	N	N	NNW	NNW		NNW	NW	NW	NW	NW	NW	NW	NW	NNW	NNW	N	N	N	NNE	NNE	NE	NE	ENE	ENE	E	E	ESE	SE	SE
	9 12	12 19	15 25	10 14	12 15	17 23	21 28	20 31	19 28	18 28	17 23	13 18	8 17	7 16	10 15	12 17	11 16	11 15	11 14	10	10 13	10 11	9 11	9 11	9 11	8 11	8 10	7 10	7 9	6	6	5	5	4	4	4
		SSW	NW	NNW	NNW	NNW	N N	N	NNW	NNW	NNW	NNW	NNW	NW	NW	NW	NW	NW	NW	NW	NNW	NNW	N	N	N	NNE	NNE	NE	NE	ENE	ENE	É	É	E	SE	SE
	10	11	15	12	13	16	21	23	22	22	19	15	10	9	8	12	12	11	11	10	10	10	9	10	10	9	9	8	7	7	7	6	5	5	4	4
	17 NW	20 SSW	25 SW	20 NNW	16 NNW	22 NW	28 NNW	31 N	31 NNW	31 NNW	24 NNW	19 NNW	18 NNW	17 NNW	16 NW	17 NW	17 NW	16 NW	15 NW	14 NW	14 NNW	12 NNW	12 N	12 N	12 NNE	11 NNF	10 NNE	10 NE	9 NF	8 ENE	8 ENE	7 FNF	7 FNF	7 F	6 FSF	6 SF
1	10	14	14	12	13	16	21	23	22	22	19	15	10	9	8	13	13	12	12	11	11	11	10	10	10	9	9	8	8	7	7	6	5	5	5	4
	19 SW	24 SSW	23 SSW	20	15 NNW	21	29	31	31	32	24	20	18	17	16	17	17 NW	16 NW	16 NW	15 NW	14 NNW	13 NNW	13	12 N	12	11	11	10	10	9	8	7	7	7	6	6
	10	18	15	13	12	18	23	23	22	22	19	NNW 15	NNW 11	NNW 11	10	NW 13	13	13	13	12	12	11	11	11	SW 10	NNE 10	NNE 10	NE 9	NE 8	ENE 7	ENE 7	ENE 7	ENE 6	5	5	SE 4
11/12 2	24	29	23	23	20	22	30	30	31	32	24	19	18	19	17	17	17	17	16	15	15	14	13	13	13	12	12	11	10	9	8	7	7	7	6	6
	S 17	SSW 19	SSW 16	SSW 13	NNW 13	NW 18	NNW 23	N 27	NNW 23	NNW 23	NNW 19	NNW 19	NNW 13	NNW 13	13	NW 14	NW 14	NW 14	NW 14	NW 13	NNW 13	NNW 13	N 12	N 11	SW 11	NNE 11	NNE 10	NNE 10	NE 9	NE 8	NE 7	ENE 7	ENE 6	E	ESE	SE 5
	25	29	23	23	22	23	28	31	30	32	25	24	17	20	21	17	17	17	17	17	16	15	14	14	13	13	12	11	10	9	8	8	7	7	6	6
			SSW	SW	SW	NW	NNW	NNW	NNW	NNW		NNW	NNW	NNW	NW	NW	NW	NW	NW	NW	NNW	NNW	N	N	N	NNE		NNE	NE	NE	NE	ENE	ENE	ENE	E	SE

Houston Pilots: Weds. 12/14/2022





Forecast Discussion

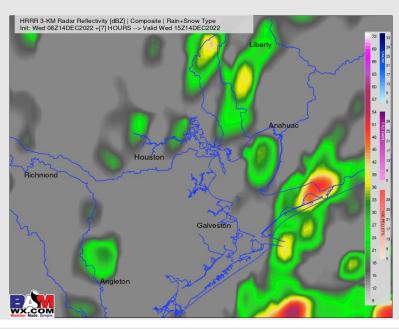
Precip: Scattered showers and thunderstorms will continue out through at least 10 AM before chances diminish closer to 30-40%. Those chances continue until ~2 PM where all precip should slide off to the east and lead to a quieter PM.

Wind: The front is passing the region now. All stations will have winds out of the N by 8 AM. Winds of 8-13 knots will rapidly increase around ~9 AM for stations S of Morgan's Point to 18-23 kts sustained with gusts 23-28 kts (gusts 25-30 kts possible 11A – 1 P at boarding station). Winds after 3 PM and the rest of the day out of the NNW at 10-15 knots sustained.

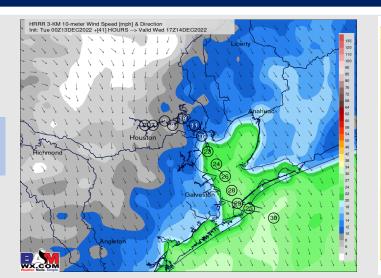
Temps: High temps will be in the mid 60s F across all stations.

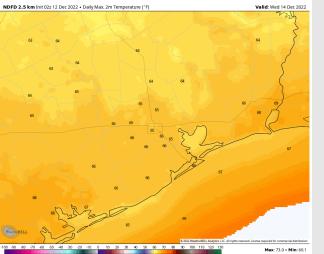
Visibility: Not anticipating any fog concerns. However, heavier pockets could reduce visibilities to less than 2 - 4 miles for brief periods.

Precip Forecast: 9 AM CT



Wind Speed 12 PM CT





High Temps Wednesday

Houston Pilots: Thur. 12/15/2022





Forecast Discussion

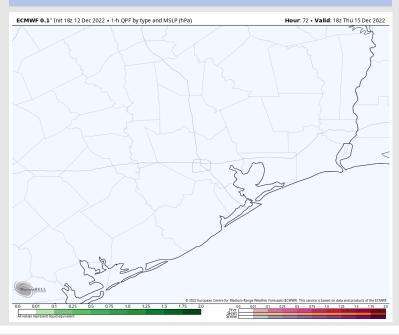
Precip: Anticipating dry conditions for the day.

Wind: NNE winds favored in the morning at 3 – 8 knots. 2 - 5PM winds will be variable in direction. After ~5 PM, winds will be out of the SE at 3-8 knots.

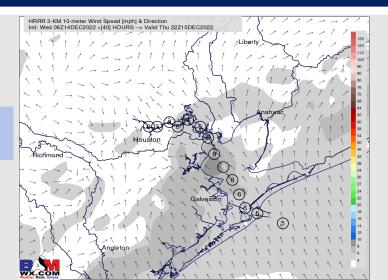
Temps: High temps will be in the low to mid 60s F across all stations.

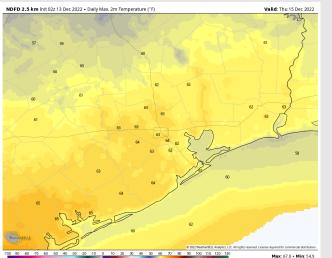
Visibility: Not anticipating any visibility concerns at this time.

Precip Forecast: 12 PM CT



Wind Speed 6 PM CT





High Temps Thurs

Houston Pilots: Fri. 12/16/2022





Forecast Discussion

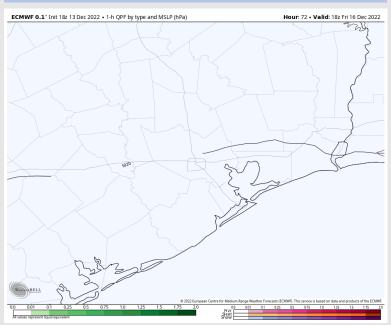
Precip: Anticipating dry conditions for Friday.

Wind: Calm and variable winds in the morning will favor a NE direction by 10 AM. At this time, winds N of Morgan's Point will be 4 – 8 kts and S of Morgan's Point will be 9 – 13 kts. Winds will remain as such for the rest of the day.

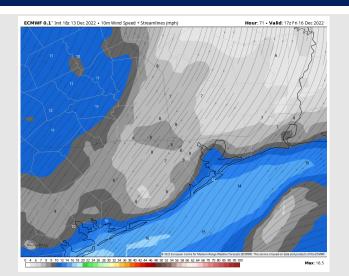
Temps: High temps Friday will be in the upper 50s F to lower 60s F across all stations.

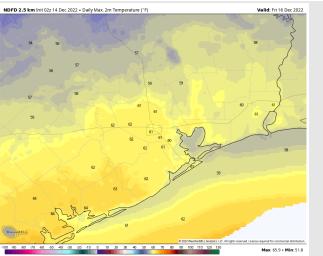
Visibility: Not anticipating any visibility concerns at this time.

Precip Forecast: 12 PM CT



Wind Speed 11 AM CT



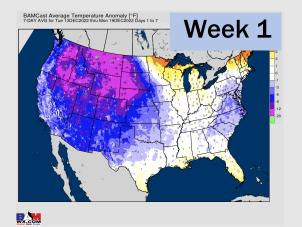


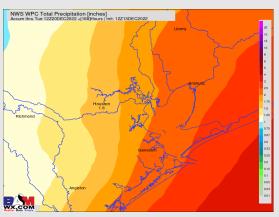
High Temps Friday

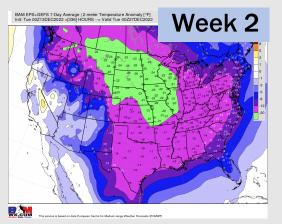
Houston Pilots: 12/14/22

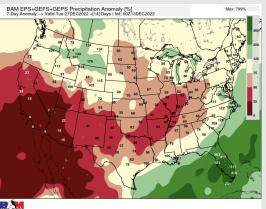


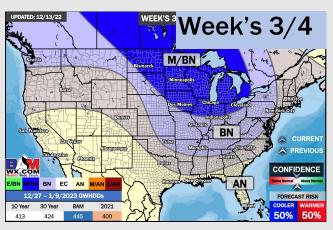


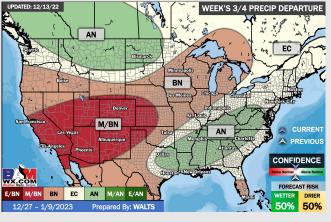












- After rain chances this AM, precip moves out and leads to quieter weather through much of the weekend (low risk Sat AM). Better rain chances arrive next Mon/Tue. Temps will be falling below average.
- Week 2 is expected to be much below normal for temperatures and near normal for rain chances for late December
- > The weeks 3/4 timeframe looks to feature slightly above normal temperatures and equal chances for precipitation.