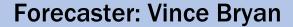
Houston Pilots Forecast Package

Updated: 1:00 PM CT

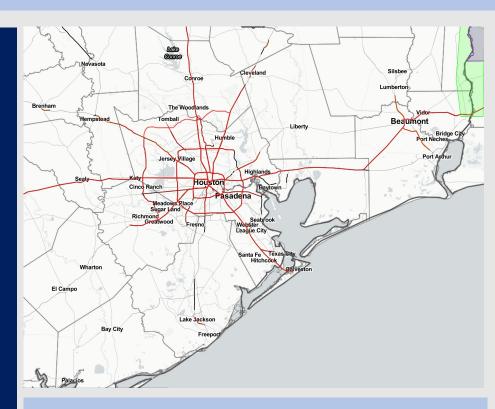
Tuesday, December 27, 2022





Weather Headlines

- Favoring mostly dry conditions the next 36 hours with rain chances returning late Wednesday night. Highest risk for rain comes Thursday into first ½ of Friday, before a drier weekend.
- Reduced visibility concerns work back into the picture late Wednesday as winds turn out of the S for the next several days. Whether reduced visibility comes in the way of fog/ precipitation/ very low clouds....etc. still needs refined, but the threat for poor visibility will be on the table Thursday Sunday.
- Temps will remain above normal after ~Wednesday.



Radar/NWS Alerts: 1:00 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

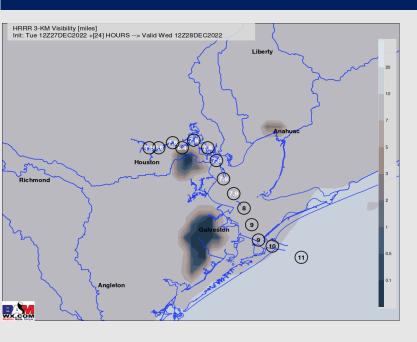


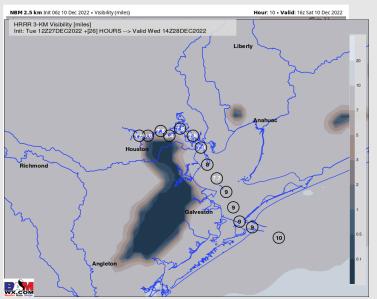


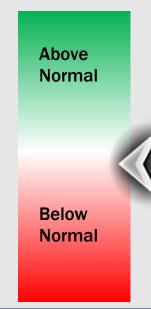
6 AM CT WED VISIBILITY

8 AM CT WED VISIBILITY

Confidence







- TIME THREAT

 5 AM 10 AM
 WED
- A rather low end threat for *patchy* "inland" fog exists for stations N of Morgan's Point for Wed AM (30-40% chance of occurance).
- The best threat for a reduction in visibility comes 5
 10 AM before lifting for the morning.
- Overall, this threat appears rather low and something that we do not favored to be widespread IF we are able to see development.

Houston Pilots Visibility Report



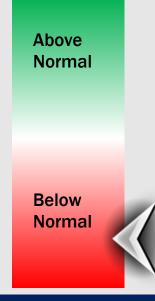


8 PM CT WED VISIBILITY

7 AM CT THU VISIBILITY

Confidence

No model future visibility to show this threat, thus why lower than average confidence exists.



TIME	THREAT
8 PM WED -	MEDIUM
Daybreak THU	

- Low confidence continues on the potential for fog beginning shortly after sundown on Wednesday.
- While there is no simulated model visibility to show the threat for fog, there are multiple "ingredients" at play that would suggest there is at least a risk for patchy sea fog at all stations beginning after sundown on Wed.
- The direction of the winds and precip potentially in the area are two reasons why confidence on specifics stays low, but we do believe the threat is at least there even with no model support.

Houston Pilots Extended Range Visibility Report





Possible

Possible

Friday 12/30/22

Reduced visibility is certainly possible with rain likely still around the area. Data is suggestive for fog being on the table.

Saturday 12/31/22

Fog risk will continue into Saturday, although at this distance the opportunity is slightly lower than Thu/Fri.



Sunday 1/1/23

Fog risk will continue into Sunday, as winds will be from the S in a favorable 10 – 15 kt range.

	Confidence
Above	Below
Normal	Normal

Above Normal Below Normal

Chance for Reduced Visibility

	•
Friday AM	Possible
Friday PM	Possible
Saturday AM	Possible
Saturday PM	Possible

Sunday AM

Sunday PM

Houston Pilots Visibility Report





Above Normal Below Normal

Time	Tue 11am	Tue 12pm			Tue 3pm			Tue 6pm	Tue 7pm																Wed 11am			Wed 2pm				Wed 6pm		Wed 8pm	Wed 9pm	
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	9	6	7
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	9	7	7
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	9	8	8
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	9	9	9
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	9	9	9
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	9	9	9
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	9	9	9
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	9	9	9
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	9	9	9
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	9	9	9
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	9	9	9	9
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	9	9	9	9
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	9	9	9	9
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	9	9	9	9	9	9	9	9	9	9

Please check visibility slides above for official thinking on fog as the chart isn't 100% perfect.

Houston Pilots Wind Report







Sustained wind 13 Knots

Gusts 18 Knots

WS: 13

G:18

N

																														_						
Time Knots	Tue 11am	Tue 12pm	Tue 1pm	Tue 2pm	Tue 3pm	Tue 4pm	Tue 5pm	Tue 6pm	Tue 7pm	Tue 8pm	Tue 9pm	Tue 10pm	Tue 11pm	Wed 12am	Wed 1am	Wed 2am	Wed 3am	Wed 4am	Wed 5am	Wed 6am	Wed 7am	Wed 8am	Wed 9am	Wed 10am	Wed 11am	Wed 12pm	Wed 1pm	Wed 2pm	Wed 3pm	Wed 4pm	Wed 5pm	Wed 6pm	Wed 7pm			Wed 10pm
610 Bridge	3 4	3 4	3	1 4	3 3	2	3 4	5 9	4 10	4 11	3 11	4 12	4 12	4 11	3 11	4	3 4	4 4	4	4 5	4 5	5 6	6 8	7 11	9 15	10 17	11 18	11 19	11 18	11 18	11 17	9 15	9 15	9 15	9 15	9 16
Kinder 1	NNE 3 3	N 3 4	N 2 3	NNW 1 4	3 3	NNW 2 2	NNW 5 6	5 9	SE 4 10	4 11	3 11	4 12	SE 4 12	SSE 4 11	3 11	SSE 3 5	SE 3 4	ESE 3 4	SE 4 4	SE 4 5	SE 4 5	SE 4 6	SE 5 8	7 11	9 15	10 16	10 17	S 11 18	10 18	11 17	10 16	9 15	8 8 15	8 15	8 15	8 15
Greens	NNE 2 3	N 3 4	N 2 3	NNW 2 2	WNW 1 2	NNW 2 4	NNW 5	ESE 5	SE 4 9	SSE 4 11	SSE 4 11	SSE 4 12	SE 4 12	SSE 4 11	SSE 4 11	SSE 3 5	SE 3	SE 3	SE 4	SE 4 5	SE 4 5	SE 4 6	SE 6 8	SSE 7 11	S 9 15	S 10 16	10 16	S 11	11 17	SSE 11 17	SSE 10 16	SSE 9 15	SSE 9 15	SSE 8 14	SSE 8 14	8 15
Bayou	NNE 2	N 3	N 2	E 2	NW 1	NNW 4	NNW 5	SE 5	SE 4	SSE 4	\$ 4	SSE 4	SSE 4	SSE 5	SSE 5	SSE 4	SE 4	SE 4	SE 5	SE 5	SE 5	SE 5	SE 6	SSE 8	S 9	S 10	S 11	17 S 11	S 11	SSE 11	SSE 11	SSE 10	SSE 9	SSE 9	SSE 9	S 9
Shell Crude	3 N 2	4 N 3	3 N 2	2 NNW 2	NNW 1	5 NNW	7 SE 5	9 SE	10 SE	11 SSE 5	11 S 4	12 S 5	12 SSE 4	11 SSE 5	11 SSE 5	6 SSE	5 SSE	5 SE	5 SE	6 SE 6	6 SE 6	7 SE 7	8 SE	11 SSE 9	14 S 9	16 S 11	16 S 11	17 S	16 S 12	17 SSE 12	16 SSE 11	15 SSE 11	15 SSE 11	14 SSE 11	15 SSE 11	15 SSE 11
Lynchburg Ferries	3 N	4 N	3 N	2 N	2 NNW	5 WSW	7 SSE	9 SE	10 SE	11 SSE	11 S	12 S	11 SSE	11 SSE	10 SSE	7 SSE	7 SSE	6 SE	7 SE	7 SE	7 SE	8 SE	9 SE	12 SSE	15 SSE	15 S	16 S	17 S	16 S	17 SSE	16 SSE	14 SSE	15 SSE	15 SSE	16 SSE	16 SSE
Exxon 3	3 3 N	3 4 N	2 4 N	3 4 N	6 6 NNW	5 5 WSW	5 7 SSE	6 9 SF	8 11 SE	8 11 SSE	9 11 SSE	9 11 S	9 12 SSE	9 12 SSE	8 10 SSE	7 8 SSE	6 7 SSE	6 7 SSF	6 7 SE	6 7 SE	6 7 SE	7 8 SE	8 10 SE	9 12 SSE	9 14 SSE	11 15 S	11 16 S	11 17 S	12 16 S	12 16 SSE	11 16 SSE	11 14 SE	11 15 SSE	11 15 SSE	11 16 SSE	11 16 SSE
Morgans Point	4	3	3	5 5	6	5	6 6	7	11 11	10 11	11 11	11 12	11 13	10 13	9 11	7 10	7 9	6	6	6	7 8	7 10	8 12	9 12	10 14	10 15	11 15	11 16	12 16	11 16	11 15	10 14	11 15	11 16	11 16	11 16
75/76	N 6 6	N 4 5	N 3 5	5 5	6 6	5 5	SSE 7 7	8 8 8	SE 11 11	10 11	11 12	11 13	SSE 11 14	10 13	9 12	8 10	7 10	SSE 7 9	SSE 7 9	SE 7 8	SE 7 9	8 10	SE 8 12	9 12	10 14	10 15	S 11 15	SSE 11 15	11 16	SSE 11 16	10 14	SE 10 14	SSE 11 16	SSE 11 17	12 17	12 17
	N 8	N 6	NNW 4	SSE 4 4	S 5	\$ 4	SSE 7	SE 8	SE 11	SSE 10	SSE 10	SSE 11	SSE 11	SSE 9	SSE 9	SSE 8	8 8	SSE 7	SSE 7	SE 7 9	SE 7 9	SE 8 10	SE 9 12	SSE 10	SSE 10	S 11	S 10	SSE 10	SSE 11	SSE 10	SSE 10	SE 11	SSE 11	SSE 12	12	SSE 12
63/64	N 9	N 7	NNW 5	SSE 3	5 S 3	\$ 4	SSE 6	SE 7	11 SE 10	11 SSE 10	11 SSE 10	13 SSE 10	14 SSE 10	13 SSE 9	12 SSE 8	11 S 9	10 S 8	SSE 7	SSE 7	SSE 7	SSE 8	SSE 9	SSE 9	12 SSE 10	14 SSE 10	15 S 11	15 S 10	15 SSE 10	15 SSE 10	14 SSE 11	14 SSE 11	14 SSE 11	16 SSE 11	16 SSE 12	17 SSE 12	16 SSE 13
51/52	9 N 9	7 N 7	5 N	3 N 4	4 WSW 3	4 SSW	7 SSE	8 SSE 7	11 SE 9	11 SE 10	11 SSE 9	13 SSE 10	14 SSE 10	13 SSE 9	14 SSE 8	12 S 9	12 S	10 SSE 8	10 SSE 7	10 SSE 7	10 SSE 8	10 SSE 9	11 SSE 9	12 SSE 10	14 SSE 10	15 S 10	14 S 10	15 SSE 11	15 SSE 10	14 SSE 11	14 SSE 11	15 SSE 11	16 SSE 11	16 SSE 12	16 SSE 13	17 SSE 13
37/38	9 N	7 N	5 N	4 N	3 WNW	4 sw	6 SSE	8 SSE	10 SE	11 SE	11 SSE	13 SSE	13 SSE	13 SSE	14 SSE	13 S	12 S	11 SSE	10 SSE	10 SSE	10 SSE	11 SSE	12 SSE	12 SSE	14 SSE	14 S	13 S	14 SSE	14 SSE	14 SSE	14 SSE	15 SSE	16 SSE	17 SSE	17 SSE	18 S
25/26	9 9 N	7 7 N	5 5 N	4 4 N	3 3 NW	4 4 SW	5 6 SSE	7 7 SSE	8 9 SE	9 10 SE	8 11 SSE	9 12 SSE	10 13 SSE	9 13 SSE	10 14 SSE	10 14 S	9 13 S	9 12 S	8 10 SSE	8 10 SSE	9 10 SSE	9 11 SSE	10 12 SSE	10 12 SSE	10 14 SSE	10 13 SSE	10 13 S	10 13 SSE	10 14 SSE	11 14 SSE	11 14 SSE	12 15 SSE	12 16 SSE	13 17 SSE	13 17 SSE	14 18 S
11/12	8	7	5	4	4	4	5	5 6	7 8	9	9	10 12	11 13	11 14	11 15	10 14	10 14	9 13	8 11	9	9	10 11	10 12	10 12	10 13	10 13	10 13	10 13	10 14	11 14	12 14	12 15	12 17	13 17	14 17	14 18
1 & 2 Bravo	9 9	N 6 6	4 4	3 3	3 3	SSW 4 4	SSE 4 4	SSE 5 5	SE 6 7	SE 8 9	9 10	10 11	11 13	11 14	12 15	S 11 14	10 14	10 13	9 12	9 11	9 11	10 12	10 12	10 13	10 13	10 14	10 13	10 13	11 14	11 14	12 14	12 15	13 17	14 17	14 17	14 18
	NNE	N	N	N	sw	S	S	SSE	SE	SE	SSE	SSE	SSE	SSE	SSE	S	S	S	S	S	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SE	SSE	SSE	SSE	SSE	SSE	SSE

Houston Pilots: Tue. 12/27/2022





Forecast Discussion

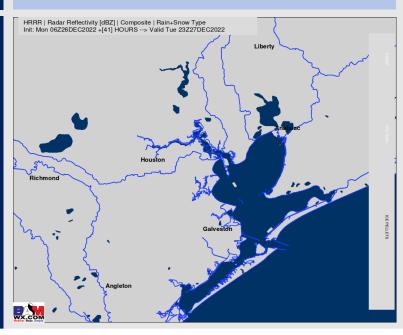
Precip: The rest of today will not see precipitation.

Wind: Winds flip to out of the South by ~5 PM and continue as such through the evening hours. Winds calm a bit over the next few hours to 8-13 knots.

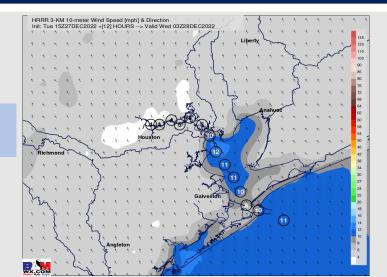
Temps: Lows will be in the upper 30s for far northerly stations, closer to the upper 50s for the boarding station.

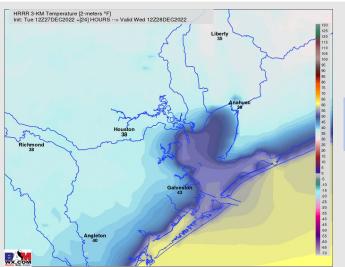
Visibility: Not anticipating any visibility concerns at this time.

Precip Forecast: 8 PM CT









Low Temps Tonight

Houston Pilots: Wed. 12/28/2022





Forecast Discussion

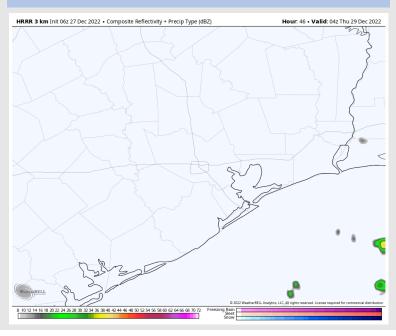
Precip: Most of Wednesday is dry. It's after the ~8 PM timeframe where a few isolated ~20% showers can start to work into the boarding station area. Most data delays precip until early THU AM.

Wind: Winds will consistently be out of the SE Wednesday. The morning hours sees sustained winds 5-10 knots, while the afternoon hours are more 8-13 knots with gusts to 15 knots.

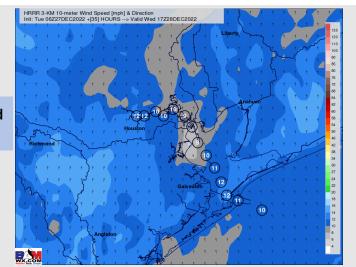
Temps: Wednesday will be much warmer, highs in the upper 60s to lower 70s.

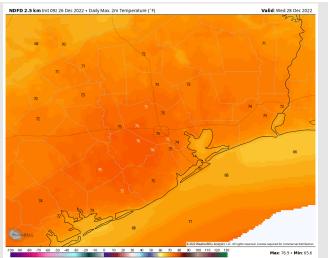
Visibility: Check visibility slides above for more details on fog potential Wednesday.

Precip Forecast: 11 PM CT



Wind Speed 11 AM CT





High Temps Wednesday

Houston Pilots: Thur. 12/29/2022





Forecast Discussion

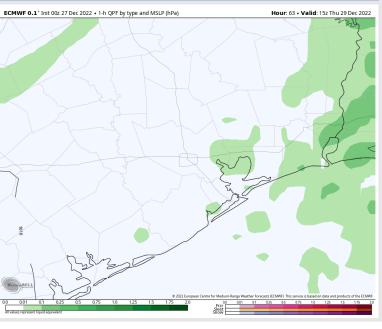
Precip: Anticipating pockets of light to moderate rain showers around the area through 4 PM (there will be breaks in the rain over the day). After ~mid afternoon, coverage looks to increase some and chances pick up closer to 70% for the evening.

Wind: Sustained winds from the SSE for the entire day. Winds will be around 10 – 15 kts across all station with a couple of pockets reaching 18 kts, especially south of Morgan's Point between 8 PM – 12 AM. Gusts of 15-20 kts will be possible across all stations, mainly between 11 AM and 3 PM.

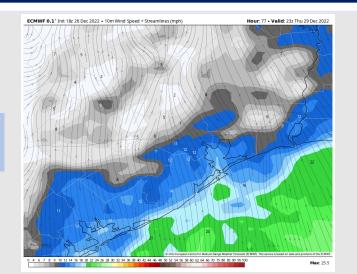
Temps: High temps Thursday will be in the Mid 70s F north of Morgan's Point and in the mid 60s to near 70 F south of Morgan's Point.

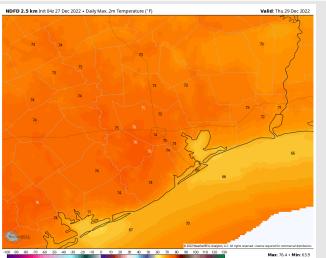
Visibility: Areas of low clouds / fog / rain showers will be likely through the day and lead to reduced visibility. Lower confidence continues on the exact details of timing, reduced visibility type, if winds are too strong for fog....etc. The threat for a reduction in visibility will be present most of the day.

Precip Forecast: 9 AM CT



Wind Speed 5 PM CT



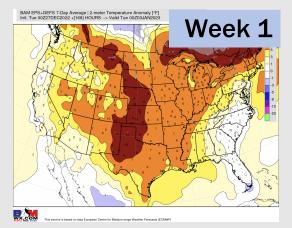


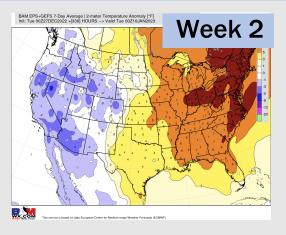
High Temps Thursday

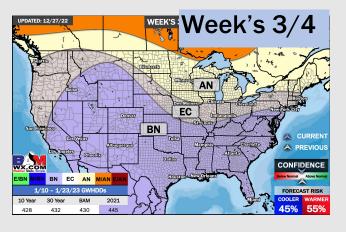
Houston Pilots: 12/27/22

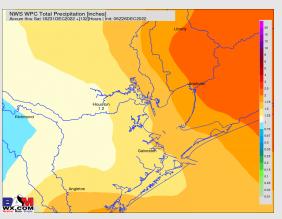


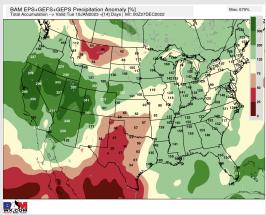


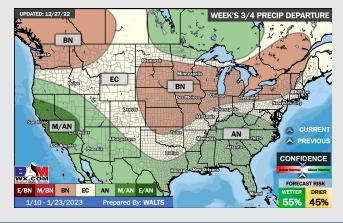












- An overall dry forecast is expected the next few days with the better shot for rain moving in Thursday (low chances late Wed). Temperatures rise to above average to end the year.
- Week 2 precipitation is expected to be above normal for the week 2 timeframe.
 Temperatures are to be much above normal.
- ► Above normal moisture and cooler weather is expected in the weeks ¾ timeframe.