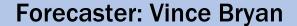
# **Houston Pilots Forecast Package**

Updated: 5:00 AM CT

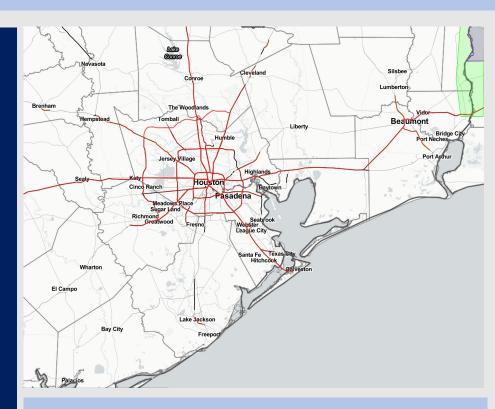
Tuesday, December 27, 2022





## 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: 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**





**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



**Chance for Reduced Visibility** 

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

**Sunday AM** 

**Sunday PM** 

# **Houston Pilots Visibility Report**





## Confidence

Above Normal

Below Normal

Time		Tue 4am	Tue 5am		Tue 7am				Tue 11am				Tue 3pm				Tue 7pm		Tue 9pm	Tue 10pm	Tue 11pm									Wed 8am					Wed 1pm	
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	8	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	8	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	8	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	8	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	8	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	8	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	8	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	9	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	9	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	9

# **Houston Pilots Wind Report**







Sustained wind 13 Knots

Gusts 18 Knots

Wind from the N

Example

WS: 13 G:18 N

Time Knots	Tue 3am	Tue 4am	Tue 5am	Tue 6am	Tue 7am	Tue 8am	Tue 9am	Tue 10am	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 2pm
610 Bridge	5	5	4	4	5	7	7	6	4	3	2	3	2	1	3	5	5	4	4	4	4	4	4	4	3	3	4	4	4	5	5	7	9	10	11	12
	11	12	12	11	12	18	12	9	6	6	6	3	2	2	5	6	5	5	5	6	6	5	5	4	3	3	4	5	5	6	7	10	14	16	18	18
	NNW	N	N	N	N	N	NNE	NNE	NE	NE	N	NNW	NNW	NNW	N	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SE	ESE	SE	ESE	SE	SE	SE	SSE	S	S	S	S
Kinder 1	5	5	4	4	5	7	7	6	5	3	2	2	2	1	4	4	4	4	4	4	4	4	3	3	3	3	4	4	4	4	5	6	8	9	10	11
	12	13	12	11	12	18	13	10	7	6	7	4	2	1	5	6	5	5	4	6	6	5	5	4	3	3	4	5	5	6	7	10	13	16	17	17
	NNW	NNW	N	N	N	N	NNE	NNE	NE	NE	N	N	N	NNW	SSE	SSE	SSE	SSE	SE	SSE	S	S	S	S												
Greens Bayou	4 12 N	6 14 NNW	4 12 N	4 11 N	5 12 N	7 18 N	8 14 NNE	6 10 NNE	5 8 NNE	3 7 NE	2 7 N	2 5 N	1 2 N	2 2 S	5 6 SSE	4 5 SSE	4 5 SSE	4 5 SSE	4 4 SSE	4 5 SSE	4 5 SSE	4 5 SSE	3 5 SSE	3 4 SSE	3 3 SE	3 3 SE	4 4 SE	4 5 SE	4 5 SE	4 6 SE	5 7 SE	6 9 SSE	8 13 SSE	9 16 S	10 17 S	11 17 S
Shell Crude	4	5	4	4	5	6	8	7	5	3	2	3	1	2	5	5	5	5	5	5	5	5	4	4	4	4	5	5	5	5	6	7	8	10	11	12
	12	14	12	11	12	18	14	10	8	7	7	5	2	2	6	6	5	5	5	5	5	6	6	5	4	4	5	6	6	6	7	9	12	15	16	16
	N	NNW	N	N	N	N	NNE	NNE	NNE	NE	N	N	N	SSE	SE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SE	SE	SE	SE	SE	SE	SSE	S	S	S	S
Lynchburg Ferries	5 12 N	5 15 NNW	4 13 N	4 12 N	5 12 N	7 18 N	8 14 NNE	7 10 NNE	5 8 NNE	3 7 NE	2 7 N	3 5 N	2 3 N	2 3 WNW	5 6 SSE	6 6 SSE	6 7 SSE	6 7 SSE	6 6 SSE	6 6 SSE	6 6 SSE	6 7 SSE	6 7 SSE	6 7 SSE	5 6 SSE	6 6 SE	6 6 SE	6 7 SE	6 7 SE	7 7 SE	7 7 SE	8 9 SSE	8 13 SSE	11 15 S	11 16 S	12 17 S
Exxon 3	6	7	8	7	8	9	9	8	5	3	2	3	3	4	5	6	6	6	6	6	6	7	7	7	6	6	6	6	6	7	7	8	8	11	11	12
	12	15	14	14	14	18	14	11	8	6	4	5	4	5	6	6	7	7	7	7	7	8	8	8	7	7	7	7	7	8	8	10	13	14	15	16
	N	NNW	N	N	N	N	NNE	NNE	NNE	NNE	N	N	N	NW	SSE	SSE	SSE	SSE	SSE	SE	SE	SE	SE	SE	SE	SSE	SSE	S	S	S						
Morgans Point	12 13 N	12 15 N	13 15 N	13 16 N	13 16 N	14 18 N	13 14 NNE	10 11 NNE	6 8 NNE	3 6 NE	2 4 N	3 4 N	4 5 NNW	5 5 S	5 6 SSE	5 6 SSE	6 6 SSE	6 7 SSE	6 7 SSE	6 7 SSE	7 8 SSE	7 10 SSE	7 10 SSE	7 10 SSE	7 8 SSE	6 7 SE	6 7 SE	6 8 SE	7 8 SE	7 10 SE	7 9 SE	8 10 SSE	9 13 SSE	10 14 SSE	11 15 SSE	12 16 SSE
75/76	13	12	14	14	14	14	14	12	8	5	2	3	4	5	5	5	6	6	6	6	7	8	8	7	7	6	6	7	7	7	8	8	9	10	11	11
	15	15	17	17	16	17	15	12	9	6	4	4	5	5	6	6	6	7	7	7	9	11	10	10	10	9	8	9	9	10	10	11	13	14	14	16
	N	N	N	NNE	NNE	N	NNE	NNE	NNE	NE	N	WNW	SSW	SSE	SE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SE	SE	SE	SE	SSE	SSE	SSE	SSE	SSE
63/64	14	12	14	15	14	14	15	13	9	7	3	2	4	5	5	5	5	6	6	7	7	8	8	8	8	7	7	7	7	7	8	9	9	10	10	10
	15	14	17	17	15	16	15	14	9	7	4	3	4	5	5	5	6	7	7	8	9	11	11	11	11	10	9	9	9	10	10	10	12	13	14	14
	N	N	N	NNE	NNE	N	NNE	NNE	NNE	NNE	N	N	WNW	SE	SE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SE	SE	SSE	SSE	S	S	S
51/52	14 15 N	12 13 N	15 16 N	15 16 NNE	14 15 NNE	14 14 NNE	15 15 NNE	13 14 NNE	9 10 NNE	7 7 NNE	4 4 N	4 4 N	3 3 N	4 4 55W	4 5 SF	5 5 5	5 6 SSF	6 7 SSF	6 7 SSF	7 8 SSE	7 9 SSE	8 11 SSE	9 11 SSE	9 12 SSE	8 12 SSE	7 10 SSE	7 10 SSE	7 9 SSE	7 10 SSE	8 10 SE	8 10 SE	9 11 SSE	9 12 SSE	10 13 S	10 14	10 14 S
37/38	14 15 N	13 14 N	15 16 N	15 17 NNE	14 16 NNE	13 14 NNE	14 15 N	13 14 NNF	9 10 NNE	7 7 NNE	4 4 N	4 4 N	3 4 N	3 3 NNW	4 4 SF	4 5 SSF	5 6 SSF	6 7 SSF	6 7 SSF	7 8 SSE	7 10 SSE	8 11 SSE	9 12 SSE	9 12 SSE	9 12	8 10 SSE	7 10 SSE	7 10 SSE	7 10 SSE	8 10 SSE	8 10 SSE	9 11 SSE	9 12 5	10 13	10 13	11 14 S
25/26	14	13	15	15	14	12	14	14	9	7	4	4	3	3	3	4	5	6	6	7	8	9	10	10	9	9	8	8	8	8	9	9	10	10	10	10
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	N	N	N	NNE	NNE	NNE	N	NNE	NNE	NE	N	N	N	NNW	SE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	S	S	S	S	SSE	SSE	SSE	SSE	S	S	SSE	SSE
11/12	13	13	14	15	13	12	14	13	9	6	4	4	3	2	3	4	5	6	6	7	8	9	10	10	10	9	9	8	8	9	9	9	10	10	10	10
	17	16	16	16	15	14	14	13	9	6	4	4	3	2	3	5	6	7	7	8	10	11	13	13	14	12	11	10	10	10	11	11	12	13	13	13
	N	N	N	NNE	NNE	NNE	N	NNE	NNE	NE	N	NNW	N	NNW	SSE	SSE	SSE	SSE	S	S	S	S	SSE	SSE	SSE	SSE	S	S	SSE	SSE						
1 & 2 Bravo	13 18 N	15 18 N	16 17 N	16 16 N	14 14 NNE	12 12 NNE	14 14 N	14 14	10 10 NNE	7 7 NE	4 4 ENE	3 3 SE	2 2 N	2 2 NW	2 2 SSE	4 5 SSE	5 6 SE	6	6	7 8	8 10 SSE	10 11	10 13 SSE	10 14 S	10 14 S	10 13 S	9 12 S	9 11 S	9 10 SSE	9 10	9 11 SSE	10 11 SSE	10 11 SSE	10 13 SSE	10 13	10 13 SSE

## Houston Pilots: Tue. 12/27/2022





## **Forecast Discussion**

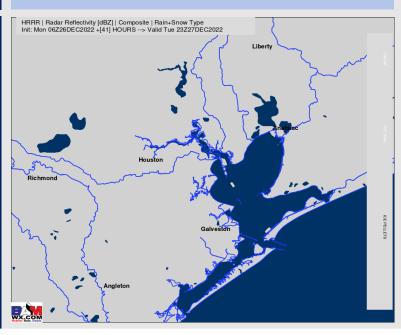
**Precip:** Today is favored to stay dry.

Wind: Winds out through Noon are 10-15 knots with direction generally out of the North. By ~4 PM winds are more out of the SE with sustained winds 5-10 knots.

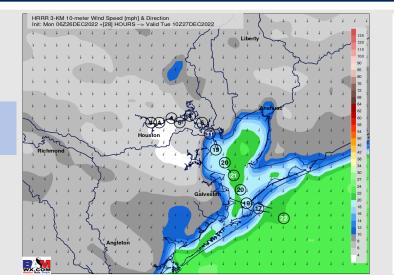
**Temps:** Highs favored to top out in the upper 50s.

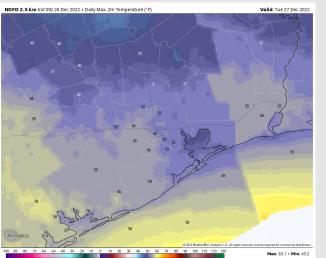
Visibility: Not anticipating any visibility concerns at this time.

#### **Precip Forecast: 3 PM CT**



Wind Speed 3 AM CT





High Temps Today

## Houston Pilots: Wed. 12/28/2022





### **Forecast Discussion**

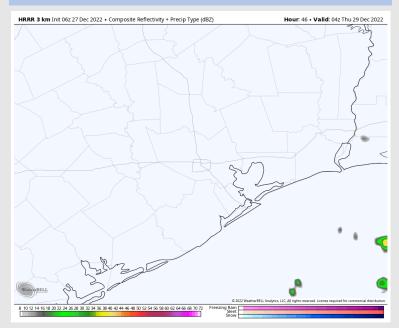
Precip: Most of Wednesday is dry. It's after the ~8 PM timeframe where a few isolated ~20% showers can start to work into the boarding station area. Most data delays precip until early THU AM.

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.

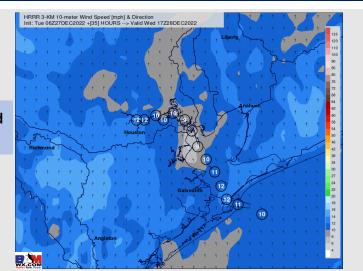
Temps: Wednesday will be much warmer, highs in the upper 60s to lower 70s.

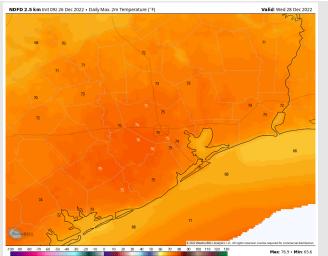
Visibility: Two windows to watch, the first of which is 4-8 AM for some patchy "inland" fog that could impact stations North of Morgan's Point (rather low end risk). The second window is after sundown for "sea fog" / low clouds/ pockets of mist to introduce themselves. Low confidence on the exact specifics more than 36 hours out that will need refined.

#### **Precip Forecast: 11 PM CT**



Wind Speed 11 AM CT





High Temps Wednesday

## Houston Pilots: Thur. 12/29/2022





### **Forecast Discussion**

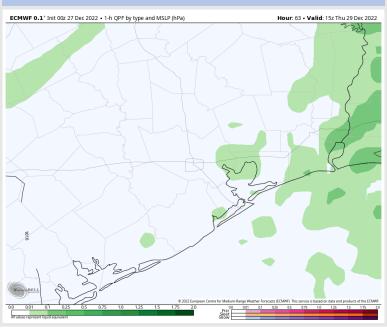
Precip. Anticipating pockets of light to moderate rain showers around the area through 4 PM (there will be breaks in the rain over the day). After ~mid afternoon, coverage looks to increase some and chances pick up closer to 70% for the evening.

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.

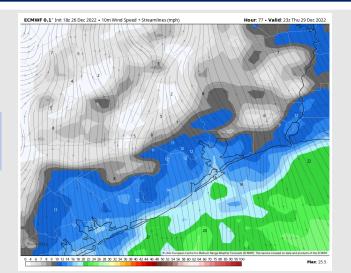
Temps: High temps Thursday will be in the Mid 70s F north of Morgan's Point and in the mid 60s to near 70 F south of Morgan's Point.

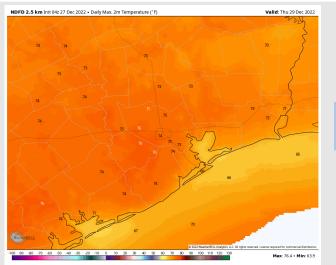
Visibility: Areas of low clouds / fog / rain showers will be likely through the day and lead to reduced visibility. Lower confidence continues on the exact details of timing, reduced visibility type, if winds are too strong for fog....etc. The threat for a reduction in visibility will be present most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

### Precip Forecast: 9 AM CT



Wind Speed 5 PM CT



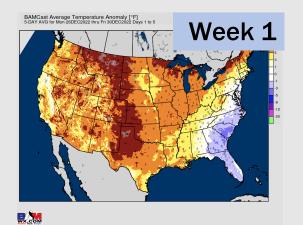


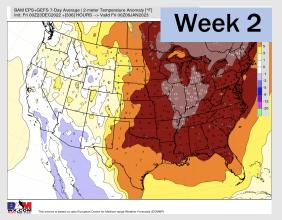
High Temps Thursday

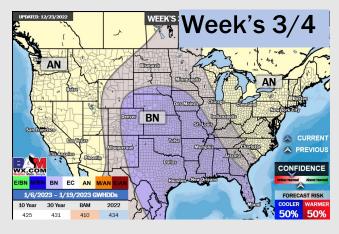
## **Houston Pilots: 12/27/22**

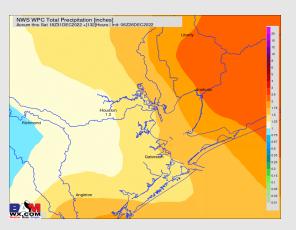


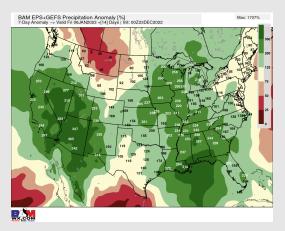


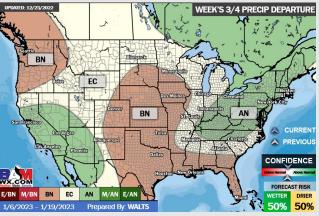












- > An overall dry forecast is expected the next few days with the better shot for rain moving in Thursday (low chances late Wed). Temperatures rise to above average to end the year.
- Week 2 precipitation is expected to be above normal for the week 2 timeframe.
  Temperatures are to be much above normal.
- ► Below normal moisture and cooler weather is expected in the weeks 3/4 timeframe.