# Houston Pilots Forecast Package

Updated: 5:10 AM CT

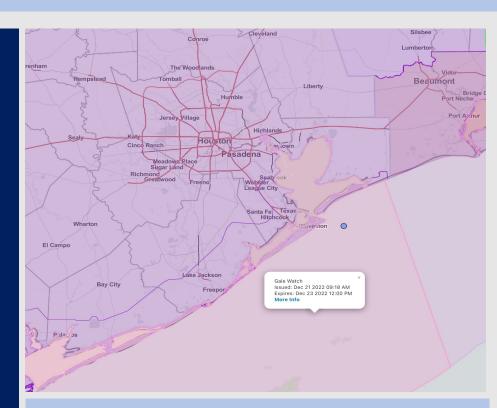
Thursday, December 22, 2022

Forecaster: Alyssa McClung



## **Weather Headlines**

- Anticipating a minor chance for a light showers today but overall favoring mostly dry conditions the next couple days.
- Anticipating calm winds this evening. Today and tomorrow will be breezy days with winds ranging from 15 30 kts. Eyeing 35 45-kt potential gusts late Thursday night into early Friday morning.
- Patchy dense fog present north of Morgan's Point. (View fog slide for more details). The pattern ahead looks rather unfavorable for sea fog.
- Towards the end of the week temperatures are expected to be well below average. Temperatures tomorrow will be in the mid to low 30s F across all stations.



Radar/NWS Alerts: 5:10 AM CT



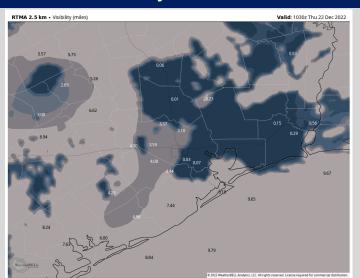
As always, please do not hesitate to reach out to us with any forecast questions via the chat option on the Weather Porthole or our on-call number, (317)-560-8122 press 1 for forecast questions.

# **Houston Pilots Visibility Report**

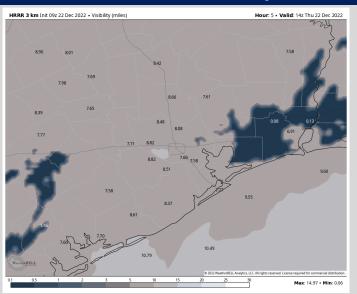




#### Current Visibility as of 4:30 AM CT



#### 8 AM THU Visibility



#### Confidence



#### Reduced Visibility Threat

NOW - 8 AM THU

Low - Medium

- Radiation fog present for stations north of Morgan's Point.
- Patchy / patchy dense fog will begin to lift at ~8 AM.
- Visibility less than 1 mile a risk with this fog.

### **Houston Pilots Extended Range Visibility Report**





### **Sunday 12/25/22**

No fog expected for Christmas day as winds will yet again be from the NW.

Monday 12/26/22

No Fog expected for Monday; however, winds will shift from the SE in the morning, then shift back from the NW in the afternoon.

### Confidence

Above Below Normal Normal

Adove Below Normal

### Tuesday 12/28/22

No fog expected on Tuesday, winds will be from the NW.

Chance for Reduced Visibility

Sunday AM Unlikely

Sunday PM Unlikely

Monday AM Unlikely

Monday PM Unlikely

Tuesday AM Unlikely

Tuesday PM Unlikely

### Confidence

Above Below Normal Normal

# **Houston Pilots Visibility Report**





### Confidence

Above Normal

Below Normal

Time		Thu 5am			Thu 8am	Thu 9am	Thu 10am	Thu 11am		Thu 1pm	Thu 2pm	Thu 3pm	Thu 4pm	Thu 5pm	Thu 6pm	Thu 7pm	Thu 8pm		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
610 Bridge	1	1	2	2	2	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
Kinder 1	1	1	2	2	2	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
Greens Bayou	0.91	0.77	1	2	2	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
Shell Crude	1	1	2	2	2	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
Lynchburg Ferries	0.91	1	1	2	2	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
Exxon 3	1	2	2	2	3	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
Morgans Point	1	2	3	3	3	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
75/76	2	3	3	3	3	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
63/64	3	3	4	4	3	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
51/52	4	4	4	4	4	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
37/38	4	4	4	4	4	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
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1 & 2 Bravo	4	5	4	5	4	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

# **Houston Pilots Wind Report**







Sustained wind 13 Knots

Gusts 18 Knots

WS: 13

G:18

N

Time	Thu	Thu	Thu	Thu	Thu	Thu	Thu	Thu	Thu	Thu	Thu	Thu	Thu	Thu	Thu	Thu	Thu	Thu	Thu	Thu	Fri															
Knots	4am	5am	6am	7am	8am	9am	10am	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
610 Bridge	3	4	4	2	2	3	1	3	6	8	9	16	16	16	16	18	17	17	16	16	16	15	14	14	14	14	14	14	14	14	14	14	14	13	14	13
	6	8	9	7	7	7	5	7	14	21	24	28	30	30	31	29	29	29	28	27	27	25	24	23	22	22	21	21	21	21	20	20	19	18	19	17
	S	SSW	S	N	W	SE	W	W	WNW	WNW	NW	NNW	NNW	NNW	NNW	NNW	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Kinder 1	3	5	5	2	3	3	1	3	6	8	9	16	16	16	16	17	17	17	17	16	16	15	14	14	14	14	14	14	14	14	14	14	14	14	14	13
	6	8	9	7	8	7	5	6	13	21	24	28	30	30	31	29	29	29	28	27	27	25	24	23	22	22	22	21	21	21	20	19	18	18	18	17
	S	SSW	SSE	N	WSW	SE	WSW	WNW	WNW	WNW	NW	NNW	NNW	NNW	NNW	NNW	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Greens Bayou	4 7 SSE	5 9 SSE	5 9 SE	2 7 SE	4 8 SSE	3 6 SE	1 5 W	3 6 WNW	6 12 NW	9 21 WNW	10 24 NW	16 28 NNW	17 30 NNW	17 30 NNW	16 31 NNW	17 29 NNW	17 29 N	17 28 N	17 28 N	16 27 N	16 27 N	15 25 N	14 23 N	14 23 N	14 22 N	14 22 N	14 22 N	14 21 N	14 21 N	14 21 N	14 20 N	14 19 N	14 18 N	14 18 N	14 18 N	13 17 N
Shell Crude	4	5	5	2	4	3	1	2	5	8	10	16	17	17	17	18	18	18	17	17	17	16	15	15	15	15	15	14	15	15	15	15	14	14	14	14
	7	9	9	6	8	6	5	5	11	21	24	28	30	31	31	29	29	28	28	27	27	25	24	23	23	23	23	22	21	21	20	19	18	18	18	17
	SSE	SE	SE	ESE	ESE	N	WNW	WNW	NW	WNW	NW	NNW	NNW	NNW	NNW	NNW	NNW	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Lynchburg Ferries	4 7 SSE	4 9 SE	5 8 SE	2 7 SE	4 8 ESE	2 6 N	1 5 WNW	2 5 WNW	5 11 NW	8 21 WNW	10 24 WNW	16 28 NNW	18 30 NNW	17 31 NNW	17 31 NNW	19 29 NNW	19 29 NNW	19 28 N	18 28 N	18 28 N	18 28 N	18 27 N	17 26 N	17 25 N	16 24 N	16 24 N	16 23 N	16 22 N	16 22 N	16 21 N	16 20 N	15 19 N	15 18 N	15 18 N	15 18 N	15 18 N
Exxon 3	4	6	5	4	5	3	1	1	5	8	11	19	20	20	20	19	19	20	19	19	19	18	17	17	17	17	17	17	17	17	16	15	15	15	15	15
	7	8	7	8	7	4	5	5	11	20	24	29	31	32	32	29	29	29	29	29	29	27	27	26	25	25	24	23	23	21	20	19	18	19	18	18
	SSE	SE	ESE	ESE	NNW	N	N	NW	NW	NW	WNW	NNW	NNW	NNW	NNW	NNW	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Morgans Point	4 6 SE	7 7 SE	7 7 SE	6 8 ESE	9 9 S	3 3 N	2 5 N	2 5 NNW	5 8 NW	11 20 NW	16 25 NW	28 32 NNW	27 32 NNW	29 34 NNW	28 33 NNW	22 30 NNW	22 30 N	22 29 N	21 30 N	21 29 N	21 29 N	20 29 N	19 28 N	19 27 N	19 27 N	18 26 N	18 25 N	17 25 N	17 24 N	17 23 N	17 21 N	16 20 N	16 20 N	16 19 N	15 19 N	15 19 N
75/76	6	7	7	6	9	6	2	2	5	11	17	29	29	30	30	24	23	24	24	23	23	22	21	21	21	20	20	19	19	19	18	17	17	17	16	16
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	E	SE	SE	ESE	ESE	NNW	N	NNW	NW	NW	NW	NNW	NNW	NNW	NNW	NNW	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
63/64	7	6	7	6	8	7	2	2	4	11	17	29	29	31	31	25	25	25	25	24	24	24	23	22	22	21	21	20	20	20	19	18	18	17	17	17
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	E	ESE	ESE	ESE	ESE	SE	N	N	WNW	NW	NW	NNW	NNW	NNW	NNW	NNW	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
51/52	8	6	5	6	7	7	3	4	4	11	17	23	30	31	31	26	26	26	26	25	25	24	24	24	23	22	22	21	21	21	20	19	18	18	17	17
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37/38	8	6	5	6	6	6	3	4	4	10	17	21	30	32	31	26	26	27	27	26	26	25	24	24	24	23	23	22	22	21	20	20	19	19	18	18
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	NE	ENE	ESE	E	ENE	ESE	ESE	N	NW	NW	NW	NW	NNW	NNW	NNW	NNW	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
25/26	7	6	6	5	5	5	3	4	4	10	17	21	30	32	31	26	26	27	27	26	26	25	25	24	24	23	23	22	22	22	21	20	19	19	18	18
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	NE	ENE	ESE	ENE	ENE	E	N	N	NW	NW	NW	NW	NNW	NNW	NNW	NNW	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
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	NNE	NE	E	ENE	SE	ESE	N	N	NNW	NW	NW	NW	NNW	NNW	NNW	NNW	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1 & 2 Bravo	7	4	6	5	6	5	3	6	3	9	17	21	31	32	33	28	28	28	28	28	28	28	27	26	26	25	25	24	24	23	22	21	21	20	19	19
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	NE	S	SSW	S	SE	ESE	ENE	N	N	NW	NW	NW	NNW	NNW	NNW	NNW	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N

## Houston Pilots: Thur. 12/22/2022





#### **Forecast Discussion**

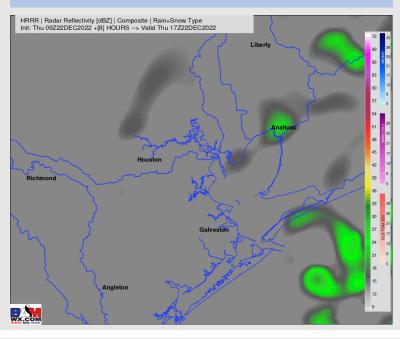
Precip: Anticipating dry conditions this morning. A dry cold front will push through in the afternoon bringing a 10% chance for light showers around 8 AM - 3 PM. After 3 PM, expecting dry conditions again throughout the evening.

Wind: Light SE winds in the morning will shift from the NE in the mid afternoon. Winds will be 4-9 kts throughout the AM hours. From 12 PM -6 PM winds will rapidly increase to 16-21 kts N of Morgan's Point, and 20-28 kts S of Morgan's Point (by 6 PM). Boarding station winds will be particularly strong by the mid afternoon, ranging from 26-30 kts. Winds will remain at respective speeds for the rest of the afternoon and evening. Wind gusts in the afternoon hours from 4 PM through midnight can range from 35-45+ kts . This will be a gusty day.

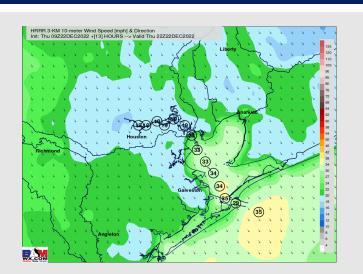
Temps: High temps today will be in the mid to upper 50s F across all stations.

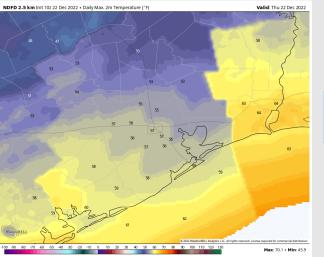
Visibility: Radiation fog present for stations north of Morgan's Point. More details on visibility slide.

#### **Precip Forecast: 11 AM CT**



Wind Speed 4 PM CT





High Temps Today

# Houston Pilots: Fri. 12/23/2022





#### **Forecast Discussion**

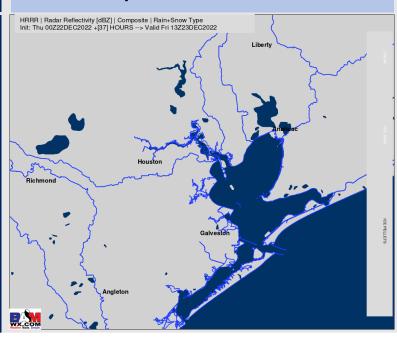
**Precip:** Anticipating dry conditions Friday.

Wind: Sustained winds from the North for the entire day will slowly decrease as the day goes on across all stations. At 6 AM winds N of Morgan's Point will be 10 – 17 kts and S of Morgan's Point will be 17 – 26 kts. From 6 AM to 6 PM winds across all stations will decrease slightly to 8 – 12 kts N of Morgan's Point and 14 – 20 kts S of Morgan's Point and remain as such for the rest of the evening. Wind gusts at the Boarding station could be up to 40 kts in the early morning (12 – 5 AM). Otherwise, gusts can range from 25 – 30 kts across all stations until 2 PM.

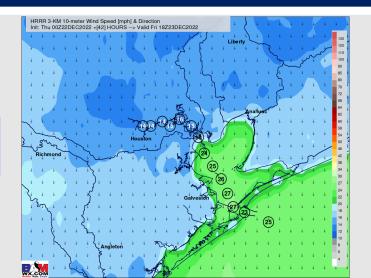
Temps: Well below average temperatures Friday will be in the mid to low 30s F across all stations.

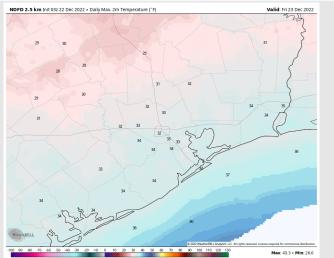
Visibility: Not anticipating any visibility concerns.

#### **Precip Forecast: 7 AM CT**



Wind Speed 12 PM CT





High Temps Friday

## Houston Pilots: Sat. 12/24/2022





### **Forecast Discussion**

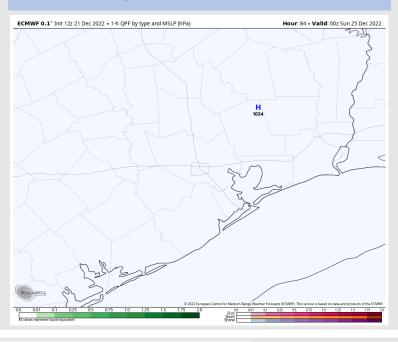
**Precip:** Anticipating dry conditions all day Saturday.

Wind: Winds continue out of the NW throughout the entire day Saturday. Early Saturday AM winds anticipating sustained winds of 10-19 kts for all stations. After 7 AM, winds will gradually decrease throughout the day to 4-9 kts for all stations.

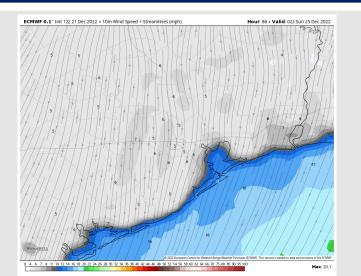
**Temps:** High temps Saturday in the lower 40s F for all stations.

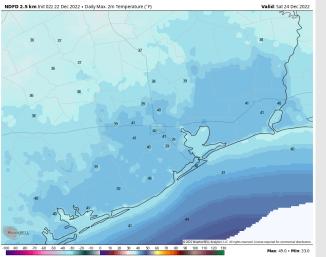
Visibility: Not anticipating any visibility concerns at this time.

#### **Precip Forecast: 6 PM CT**



Wind Speed 8 PM CT



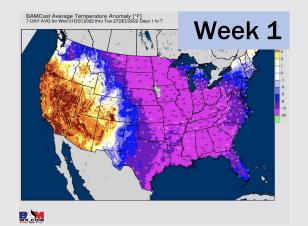


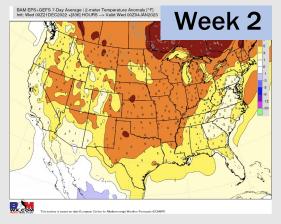
Low Temps Thursday AM

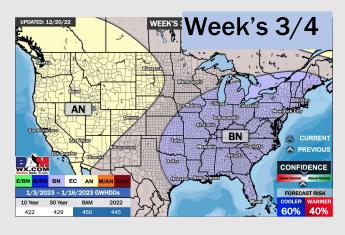
## **Houston Pilots: 12/21/22**

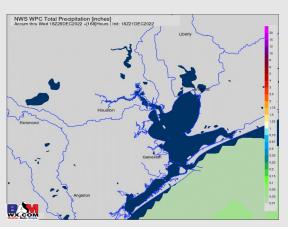


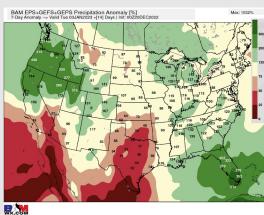














- > An overall dry forecast is expected the next several days. Temperatures to remain much below normal.
- > Week 2 precipitation is expected to be at/ below normal for the week 2 timeframe. Temperatures are to be above normal.
- **▶** Below normal moisture and cooler weather is expected in the weeks <sup>3</sup>⁄<sub>4</sub> timeframe.