# **Houston Pilots Forecast Package**

Updated: 5:00 AM CT

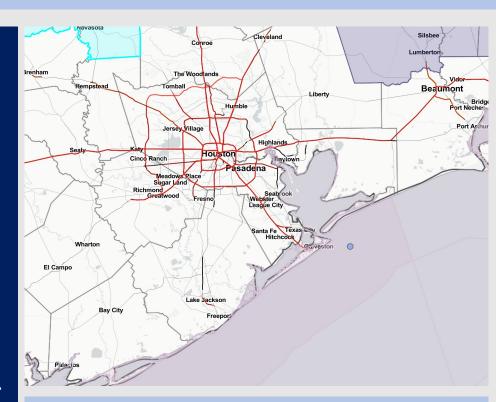
Saturday, December 17, 2022

Forecaster: Alyssa McClung



## **Weather Headlines**

- Anticipating scattered showers to work through late this morning/early afternoon. Next best shot of rain will come Monday where widespread showers are expected throughout the late morning/early afternoon.
- Today and Monday will hold elevated winds in the 25 30 kt range in terms of gusts. Gusts could range from 28 33 kts Monday. Otherwise, expecting winds in the 15 20 kt range.
- 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**





## Tuesday 12/20/22

No Fog expected for Tuesday

Wednesday 12/21/22

No Fog expected for Wednesday.

### Confidence

Apove Normal

Below Normal Confidence

Above Below Normal Normal

**Chance for Reduced Visibility** 

#### Thursday 12/22/22

No Fog expected for Thursday.

Confidence

Wednesday PM

Wednesday AM

**Tuesday AM** 

**Tuesday PM** 

Thursday AM

Thursday PM

Unlikely

Unlikely

Unlikely

Unlikely

Unlikely

Below nal Normal

Above Normal

# **Houston Pilots Visibility Report**





# Above Below Normal Normal

Time	Sat 4am	Sat 5am	Sat 6am	Sat 7am	Sat 8am	Sat 9am	Sat 10am	Sat 11am	Sat 12pm	Sat 1pm	Sat 2pm	Sat 3pm	Sat 4pm	Sat 5pm	Sat 6pm	Sat 7pm	Sat 8pm	Sat 9pm	Sat 10pm	Sat 11pm	Sun 12am	Sun 1am	Sun 2am	Sun 3am	Sun 4am	Sun 5am	Sun 6am	Sun 7am	Sun 8am	Sun 9am	Sun 10am	Sun 11am	Sun 12pm	Sun 1pm		Sun 3pm
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	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	10	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	10	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	10	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	10	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	10	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	10	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	10	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	10	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	10

## **Houston Pilots Wind Report**







Sustained wind 13 Knots

Gusts 18 Knots

Wind from the N

Example

WS: 13

G:18

N

Time Knots	Sat 4am	Sat 5am	Sat 6am	Sat 7am	Sat 8am	Sat 9am	Sat 10am	Sat 11am	Sat 12pm	Sat 1pm	Sat 2pm	Sat 3pm	Sat 4pm	Sat 5pm	Sat 6pm	Sat 7pm	Sat 8pm	Sat 9pm	Sat 10pm	Sat 11pm	Sun 12am	Sun 1am	Sun 2am	Sun 3am	Sun 4am	Sun 5am	Sun 6am	Sun 7am	Sun 8am	Sun 9am	Sun 10am	Sun 11am		Sun 1pm		Sun 3pm
610 Bridge	7 20 NNE	7 18 N	6 17 NNE	5 17 NNE	4 16 NNE	6 16 NNE	6 15 N	8 19 NNE	9 16 N	8 13 N	8 12 N	7 10 N	7 11 NNE	6 11 NNE	4 9 NE	6 9 NNE	6 8 NNE	5 8 NNE	6 8 NNE	6 8 NNE	6 9 NNE	6 9 NNE	6 9 NNE	6 9 NE	6 10 NE	6 10 NE	6 10 NE	7 12 NE	8 13 ENE	9 15 ENE	9 15 ENE	10 15 E	9 15 E	9 14 E	9 15 E	10 15 E
Kinder 1	7 21 N	7 19 N	7 18 NNE	5 17 NNE	4 16 NNE	6 15 N	6 15 N	8 20 NNE	9 17 N	8 13 N	8 12 N	7 11 N	7 11 NNE	6 12 NNE	4 9 NNE	5 9 NNE	5 8 NNE	5 7 NNE	5 8 NNE	5 8 NNE	5 9 NNE	5 9 NNE	5 9 NNE	6 10 NE	6 10 NE	6 10 NE	7 10 NE	7 12 NE	7 12 ENE	9 15 ENE	9 15 ENE	10 15 E	9 15 E	9 14 E	9 15 E	10 15 E
Greens Bayou	8 21 NNE	7 19 N	7 18 N	6 17 NNE	5 16 NNE	5 14 N	6 15 N	8 19 NNE	8 17 N	8 13 N	8 13 N	7 12 N	8 12 NNE	6 12 NNE	4 9 NNE	6 9 NNE	5 8 NNE	5 7 NNE	5 7 NNE	5 8 NNE	5 8 NNE	5 8 NNE	5 8 NNE	6 9 NE	6 9 NE	7 10 NE	7 10 NE	7 12 NE	7 12 NE	9 14 ENE	9 14 ENE	10 15 E	9 14 E	9 14 E	10 14 E	10 14 E
Shell Crude	8 21 NNE	8 21 N	7 18 N	6 17 NNE	5 16 NNE	6 15 N	6 15 N	9 21 NNE	9 17 N	8 13 N	8 13 N	8 12 N	8 12 N	6 12 NNE	4 10 NNE	6 9 NNE	6 8 NNE	5 8 NNE	6 8 NNE	6 8 NNE	6 8 NNE	6 8 NNE	6 9 NNE	6 9 NE	6 10 NE	7 11 NE	7 11 NE	7 13 NE	7 13 NE	9 15 ENE	10 15 ENE	10 15 E	10 14 E	10 14 E	10 14 E	10 14 E
Lynchburg Ferries	8 21 N	8 20 N	7 18 N	6 17 N	5 16 NNE	6 15 N	6 16 N	8 20 NNE	9 17 N	7 13 N	8 13 N	7 12 N	8 12 N	6 13 NNE	4 11 N	8 9 N	7 9 NNE	7 9 NNE	7 9 NNE	7 9 NNE	7 9 NNE	7 10 NNE	7 10 NE	7 10 NE	8 11 NE	8 11 NE	9 12 NE	8 13 NE	9 14 NE	10 15 ENE	10 15 ENE	10 15 E	10 15 E	10 14 E	10 14 E	10 14 E
Exxon 3	11 23 N	11 22 N	11 23 N	9 17 N	8 16 NNE	8 17 N	7 17 N	10 21 NNE	10 18 N	8 14 N	8 14 N	7 12 N	8 12 N	7 14 NNE	7 14 N	8 11 N	8 11 NNE	7 10 NNE	8 10 NNE	8 10 NNE	8 11 NNE	8 11 NNE	8 12 NE	9 12 NE	9 12 NE	9 13 NE	10 14 NE	10 14 NE	10 15 NE	11 16 ENE	11 16 ENE	11 16 ENE	11 16 E	11 15 E	11 14 E	11 15 E
Morgans Point	17 25 NNE	17 24 NNE	17 25 N	15 22 NNE	13 20 NNE	13 19 N	13 20 N	14 21 NNE	13 18 N	12 16 N	11 15 N	11 14 N	11 14 N	12 15 N	13 15 N	8 12 N	8 12 NNE	8 12 NNE	9 13 NNE	9 13 NNE	10 14 NNE	10 14 NNE	10 14 NE	10 15 NE	10 15 NE	11 15 NE	11 15 NE	12 16 NE	12 17 ENE	12 18 ENE	13 17 ENE	13 16 ENE	12 16 E	12 15 E	11 15 E	12 15 E
75/76	19 25 NNE	20 26 NNE	19 25 NNE	18 22 NNE	17 22 NNE	16 21 NNE	17 21 N	16 22 NNE	14 19 N	14 16 N	12 15 N	11 15 N	13 15 N	13 15 N	15 15 N	10 13 N	10 13 NNE	10 14 NNE	10 14 NNE	11 14 NNE	12 15 NNE	12 15 NE	12 15 NE	12 16 NE	12 16 NE	13 17 NE	13 17 NE	13 17 NE	14 18 ENE	14 19 ENE	14 18 ENE	14 17 ENE	13 17 E	12 16 E	12 15 E	12 16 E
63/64	20 25 NNE	20 26 NNE	20 25 NNE	19 24 NNE	18 22 NNE	17 21 NNE	18 22 N	17 23 NNE	15 20 NNE	15 17 N	12 15 N	12 15 N	13 15 N	14 15 N	15 15 N	10 13 NNE	11 14 NNE	11 14 NNE	12 15 NNE	12 15 NNE	13 16 NNE	13 16 NE	13 16 NE	13 17 NE	13 17 NE	14 17 NE	14 18 NE	14 18 NE	14 19 ENE	15 19 ENE	14 19 ENE	14 17 ENE	17 ENE	13 17 E	13 16 E	14 16 E
51/52	21 24 NNE	20 25 NNE	20 25 NNE	19 24 NNE	18 23 NNE	18 23 NNE	18 23 NNE	18 23 NNE	17 22 NNE	16 17 N	13 15 N	12 15 N	13 15 N	14 15 N	15 15 N	11 14 NNE	12 14 NNE	12 15 NNE	12 16 NNE	13 16 NNE	14 16 NNE	14 17 NE	14 17 NE	14 17 NE	14 17 NE	14 18 NE	15 18 NE	15 19 NE	15 19 ENE	15 20 ENE	15 19 ENE	15 18 ENE	15 17 ENE	14 17 E	14 17 E	14 17 E
37/38	21 26 NNE 22	21 26 NNE 21	20 25 NNE 20	19 24 NNE 19	19 24 NNE 19	19 24 NNE 19	18 24 NNE 18	18 23 NNE 17	17 22 NNE 17	16 17 NNE	13 15 N 14	14 16 N	14 15 N 14	15 15 N 15	15 15 N 15	12 15 NNE 13	13 15 NNE 13	13 16 NNE 13	13 16 NNE 14	14 17 NNE 14	14 17 NNE 15	14 17 NE 15	14 18 NE	15 18 NE 15	15 18 NE	15 19 NE 16	19 NE	16 19 NE 16	16 20 ENE 16	16 20 ENE 16	16 19 ENE 16	16 18 ENE 16	16 18 E 16	15 18 E 16	15 18 E 16	15 18 E 16
25/26	26 NNE 21	26 NNE 22	24 NNE 20	25 NNE 21	24 NNE 20	24 NNE 18	24 NNE 18	22 NNE 16	21 NNE 18	17 19 NNE 17	15 NNE 13	17 N	15 N 13	16 N 15	16 N 15	16 NNE 14	16 NNE 14	16 NNE	16 NNE	17 NNE	17 NNE 16	17 NNE 16	15 18 NE 16	18 NE 16	15 19 NE 16	19 NE 17	16 20 NE 17	20 NE 17	20 ENE 17	20 ENE 17	20 ENE 17	19 ENE 17	19 E 17	19 E 17	18 E 17	18 E 17
11/12	26 NNE 22	26 NNE 22	24 NNE 21	26 NNE 22	26 NNE 22	24 NNE 21	24 NNE 20	22 NNE 19	22 NNE 20	21 NNE 17	15 NNE	17 N 14	15 N 13	15 15 N 15	16 NNE 16	17 NNE	17 NNE	17 NNE 16	17 NNE 16	17 NNE 16	18 NNE 17	18 NNE 17	18 NE 17	18 NE 17	19 NE 17	20 NE 17	20 NE 17	20 NE 17	20 ENE 17	20 ENE 18	20 ENE 18	20 ENE 17	19 ENE 17	19 E 17	18 E 17	19 E 17
1 & 2 Bravo	26 NNE	25	24 NNE	26 NNE	26 NNE	24 NNE	24 NNE	23 NNE	23 NNE	21 NNE	17 NNE	17 N	15 N	16 N	17 N	17 NNE	17 NNE	18 NNE	17 NNE	18 NNE	18 NNE	18 NNE	18 NNE	19 NE	19 NE	20 NE	20 NE	20 NE	20 ENE	20 ENE	20 ENE	20 ENE	20 ENE	19 E	19 E	19 E

## Houston Pilots: Sat. 12/17/2022





#### **Forecast Discussion**

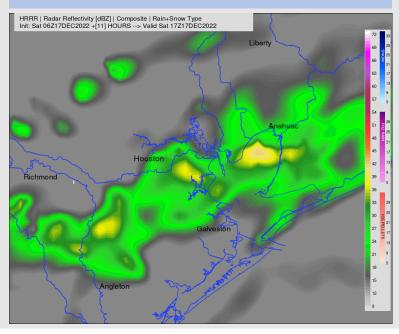
Precip: Eyeing 60% chances of lighter scattered rain showers from 9 AM – 3 PM. After 3 PM, favoring dry conditions the rest of the day.

Wind: Saturday will be a gusty day. Expecting to be out of the N/NNE at 20 - 25 kts south of Morgan's Point with gusts of 25 - 30 kts until 10 AM. After 10 AM and through the rest of the day, winds will decrease to be 15 - 20 kts with gusts of 20 - 25 kts possible. Winds north of Morgan's Point will be 4 - 9 kts throughout the day.

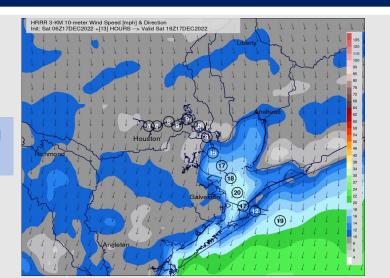
Temps: Highs will sit in the mid 50s F for all stations.

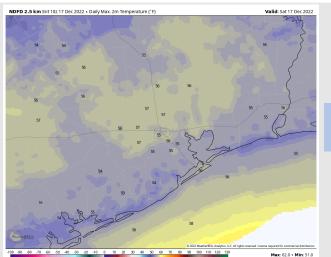
Visibility: Not anticipating any visibility concerns.

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



Wind Speed 1 PM CT





High Temps Saturday

## Houston Pilots: Sun. 12/18/2022





#### **Forecast Discussion**

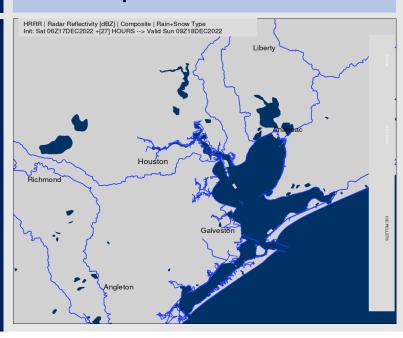
**Precip:** Anticipating dry conditions Sunday.

Wind: Sustained winds out of the ENE throughout the day Sunday. Winds early Sunday morning at 18 - 23 kts S of Morgan's Point and 5 - 10 kts N of Morgan's Point. After 1 PM CT, winds begin to gradually decrease to 9 - 15 kts at all stations for the rest of the day.

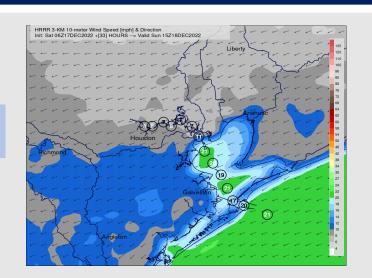
Temps: High temps Sunday will be in the mid 50s F for all stations.

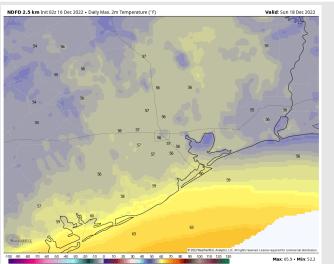
Visibility: Not anticipating any visibility concerns at this time.

#### **Precip Forecast: 12 PM CT**



Wind Speed 9 AM CT





Low Temps Sunday

## Houston Pilots: Mon. 12/19/2022





#### **Forecast Discussion**

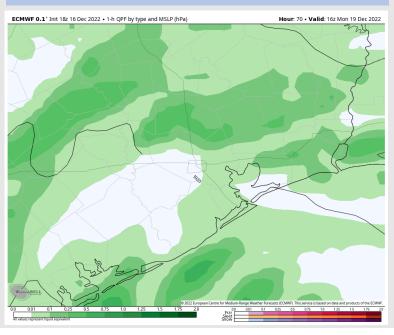
Precip: Favoring dry conditions until about 4 AM, where spotty showers will begin to enter the region. As the day progresses, shower chances will increase, with the greatest chance of seeing rain between 7 AM – 5 PM. After 5 PM, showers will taper off, yielding dry conditions for the rest of the overnight.

Wind: Sustained winds will vary between ESE and ENE for the majority of the day. Towards 6 – 7 PM , winds will shift more from the NE. By 5 AM, winds N of Morgan's Point will be 11 - 15 kts, and S of Morgan's Point will be 18 - 24 kts. Towards the midnight hour winds will begin to subside to 7 - 10 kts N of Morgan's Point and 14 - 18 kts S of Morgan's Point. Wind gusts can be as high as 28 - 33 kts south of station 37/38 from 7 AM - 2 PM. Otherwise, all stations can expect to see gusts of up to 25 kts during this timeframe.

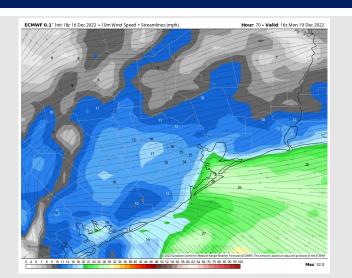
Temps: High temps Saturday will be in near 60 F north of station 63?64 and low to mid 60s F south of 63/64.

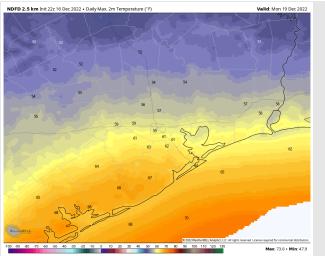
Visibility: Not anticipating any visibility concerns at this time.

#### **Precip Forecast: 10 AM CT**



Wind Speed 10 AM CT



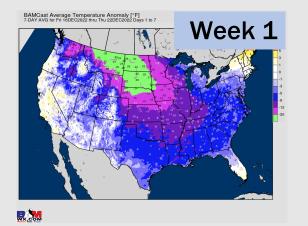


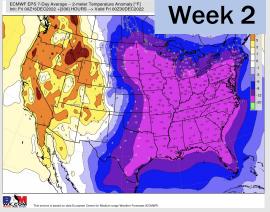
High Temps Monday

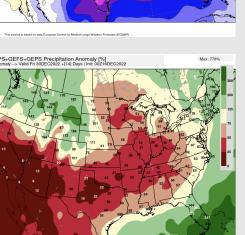
## **Houston Pilots: 12/17/22**

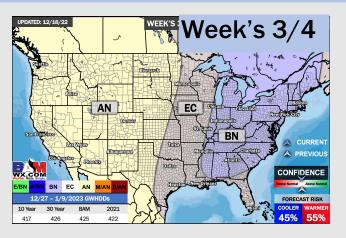














Hermond

Remond

Galvesids

Galvesids

NWS WPC Total Precipitation [inches]

Scattered showers will be possible tonight into Saturday. Better rain chances arrive next Mon/Tue. Temps will be falling below average.

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- Week 2 is expected to be much below normal for temperatures and near to below normal rain chances for late December.
- > The weeks 3/4 timeframe looks to feature normal temperatures and below normal chances for precipitation.