# **Houston Pilots Forecast Package**

Updated: 5:15 AM CT

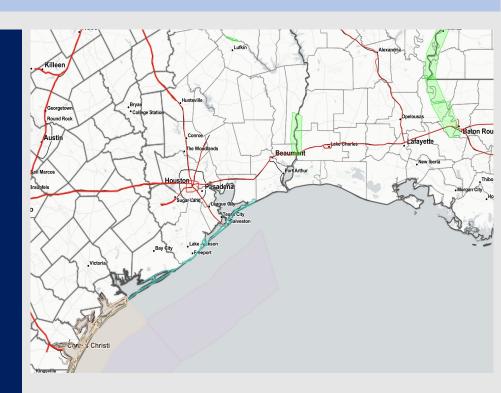
Wednesday, March 22, 2023

**Forecaster: Matt Griffin** 



### **Weather Headlines**

- Some very minor precipitation chances today before a better threat for some storms FRI PM.
- Some elevated winds will be possible over the next few days.
- Keeping an eye a minor threat for some patchy sea fog tomorrow morning. Elevated winds should keep this threat more patchy in nature (more details in slide below)



Radar/NWS Alerts: 5:15 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**



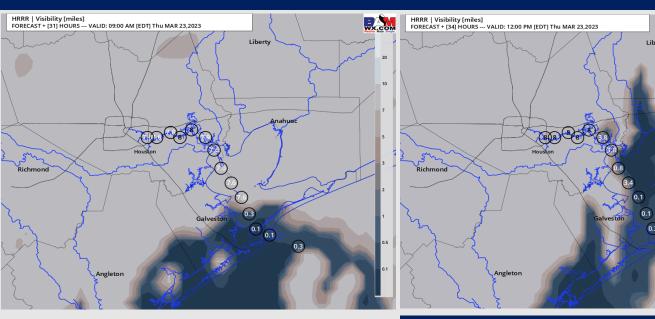
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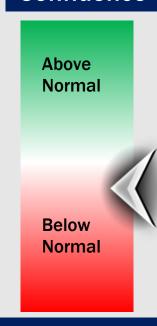


#### 8 AM CT THU VISIBILITY

### **11 AM CT THU VISIBILITY**

### Confidence





- TIMEFRAME THREAT DISCUSSED

  12 AM THU 11 AM THU Low Medium
- ➤ Southeast winds will help to bring in low level moisture, allowing for the potential for some PATCHY sea fog mainly into tomorrow morning.
- Confidence is a bit lower than normal as elevated winds should prevent a more widespread sea fog threat
- ➤ While isolated instances will be possible after midnight, especially towards the boarding station, greatest threat of patchy fog will be from 8 AM to 11 AM. With an increase of winds / sun angle, fog threat should dissipate there after, also some isolated instance of slightly reduced visibility (likely above 2 miles) will be possible into the early afternoon.
- ➤ In the 8 AM 11 AM period, any potential fog will likely move from south to north, impacting the southern stations first before all station at play later into the morning.

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





Unlikely

**Possible** 

Unlikely

### **Saturday 3/25/23**

Before a front passes into Saturday morning, a low end risk of fog exists. The threat is worth a mention for now.

### **Sunday 3/26/23**

Winds out of the S accompanied by low level moisture keep sea fog risks in play, but very low confidence and potential.



### Monday 3/27/23

Winds out of the S for the AM hours will present some potential for sea fog, but a shift in wind from the NE will make fog unlikely in the PM.

# Confidence Above Below Normal



### **Chance for Reduced Visibility**

Saturday AM

**Monday AM** 

**Monday PM** 

Outurday Am	Officery
Saturday PM	Unlikely
Sunday AM	Unlikely
Sunday PM	Possible

# **Houston Pilots Visibility Report**







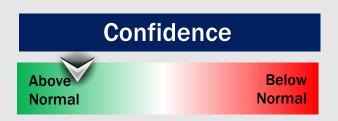
More info on Slide 2 for minor fog threat. Info below likely not perfect.

			Wed 5am		Wed 7am	Wed 8am	Wed 9am	Wed 10am	Wed 11am	Wed 12pm	Wed 1pm		Wed 3pm	Wed 4pm	Wed 5pm						Wed 11pm	Thu 12am	Thu 1am		Thu 3am		Thu 5am						Thu 11am		Thu 1pm	
610 Bridge	10	10	10	8	6	6	6	10	10	10	10	10	10	10	10	10	10	10	10	7	7	7	7	7	8	7	6	6	6	5	6	7	10	10	10	10
Kinder 1	10	10	10	8	6	6	6	10	10	10	10	10	10	10	10	10	10	10	10	8	8	7	7	7	8	7	7	7	6	5	6	7	10	10	10	10
Greens Bayou	10	10	10	8	6	6	6	10	10	10	10	10	10	10	10	10	10	10	10	8	8	8	7	7	8	8	7	7	6	6	7	7	10	10	10	10
Shell Crude	10	10	10	8	6	6	6	10	10	10	10	10	10	10	10	10	10	10	10	8	8	8	8	8	8	8	8	8	6	8	8	8	10	10	10	10
Lynchburg Ferries	10	10	10	8	6	6	6	10	10	10	10	10	10	10	10	10	10	10	10	8	8	8	8	8	8	8	8	8	6	8	8	8	10	10	10	10
Exxon 3	10	10	10	8	6	6	6	10	10	10	10	10	10	10	10	10	10	10	10	8	8	8	8	8	8	8	8	8	6	8	8	8	10	10	10	10
Morgans Point	10	10	10	8	6	6	6	10	10	10	10	10	10	10	10	10	10	10	10	8	8	8	8	8	8	8	8	8	6	8	8	8	10	10	10	10
75/76	10	10	10	8	6	6	6	10	10	10	10	10	10	10	10	10	10	10	10	8	8	8	8	8	8	8	8	8	6	8	8	8	10	10	10	10
63/64	10	10	10	8	6	6	6	10	10	10	10	10	10	10	10	10	10	10	10	8	8	8	8	8	8	8	8	8	8	8	8	8	10	10	10	10
51/52	10	10	10	8	6	6	6	9	10	10	10	10	10	10	10	10	10	10	9	8	8	8	8	8	8	8	8	8	8	8	8	8	9	10	10	10
37/38	10	10	10	8	7	6	6	9	10	10	10	10	10	10	10	10	10	10	9	8	8	8	8	8	8	8	8	8	8	8	8	8	7	9	9	9
25/26	10	10	10	8	7	5	6	9	10	10	10	10	10	10	10	10	10	9	9	8	8	8	8	8	8	8	8	8	8	8	8	8	6	7	6	6
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1 & 2 Bravo	10	10	10	8	7	5	5	7	10	10	9	9	9	7	7	6	8	7	7	8	8	8	8	8	8	8	8	8	8	8	8	8	4	5	4	4

# **Houston Pilots Wind Report**







Sustained wind 13 Knots

Gusts 18 Knots

WS: 13

G:18

N

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

### Houston Pilots: Wed. 3/22/2023





### **Forecast Discussion**

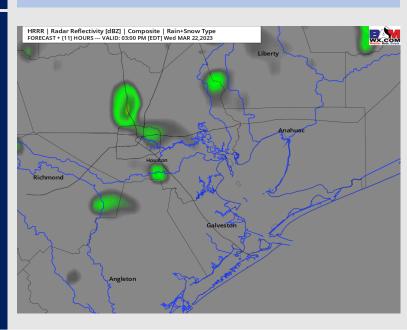
Precip: A few isolated showers will be possible today (10-20%) from about 11 AM – 5 PM. Best threat will be for northerly stations. Activity anticipated to be quite scattered/ light.

Wind: Sustained winds out of SE to SSE throughout the day today. Winds will be the windiest late AM through about 7 PM where sustained winds of 8 – 13 knots will be possible. Generally, winds continue to be sustained around the 8 – 13 knots range after 7 PM out of the SE, although winds may be slightly weaker north of Morgan's Point. Wind gusts of 20 – 24 knots will be possible this afternoon. Wind gusts of 15 – 19 knots will be possible after sunset.

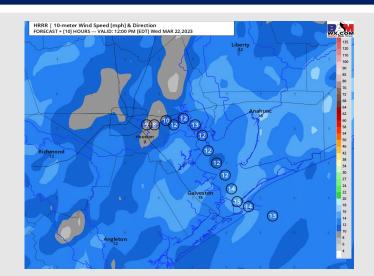
Temps: High temperatures today in the low 70s F at the Boarding Station and in the mid 70s across all other stations.

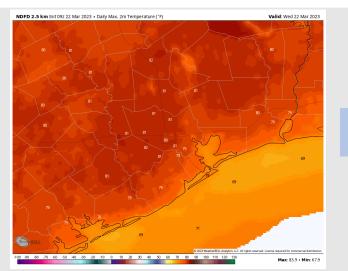
Visibility: Not anticipating visibility concerns at this time.

#### **Precip Forecast: 2 PM CT**



Wind Speed 11 AM CT





High Temps Today

### Houston Pilots: Thu. 3/23/2023





### **Forecast Discussion**

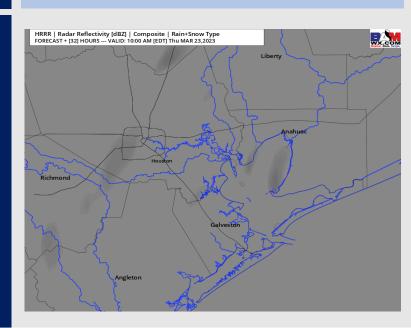
Precip: Some spotty light mist will be possible tomorrow morning from about 5 AM – 11 AM, especially for the northern half of stations.

Wind: Tomorrow morning will offer up slightly reduced winds (allowing for the potential for fog) with sustained winds out of the SSE around 6-9 knots from about 5 am -11 am (slightly lower confidence on winds progression/ speeds). Winds are anticipated to pick up in the afternoon sustained around 10-14 knots. Gusts into the afternoon around 16-22 knots will be possible. Gusts into the evening, especially north of Morgan's point of 21-25 knots will be possible.

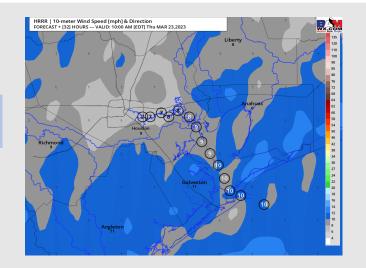
Temps: High temperatures Thursday in the low 70s F at the Boarding Station and in the mid 70s to low 80s F across all other stations.

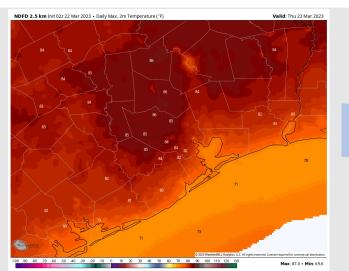
Visibility: A minor risk of sea fog exists into THU AM. More info on Slide 2.

#### **Precip Forecast: 9 AM CT**



Wind Speed 9 AM CT





High Temps Thursday

## Houston Pilots: Fri. 3/24/2023





### **Forecast Discussion**

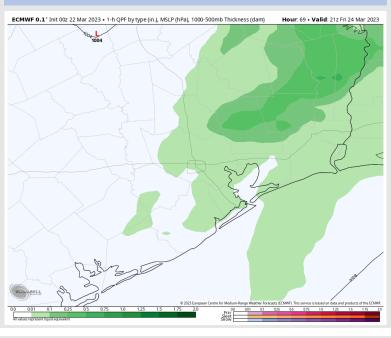
Precip: A cold front will be approaching the area into FRI afternoon allowing for increased rain/ storm chances. Generally light chances begin after 1 PM with increasing chances into the afternoon/ early evening. Better chances of heavier rain will be between 3-7 PM. A stronger storm or two cannot be ruled out, although the best threat for that will be east of HOU.

Wind: Winds will continue to come out of the S/SE through 11 AM, then the SW for the rest of the day on Friday. Winds will be at 13 - 20 kts through 5 - 8 PM. Winds will continue to be out of the SW into the evening around 5 - 10 knots.

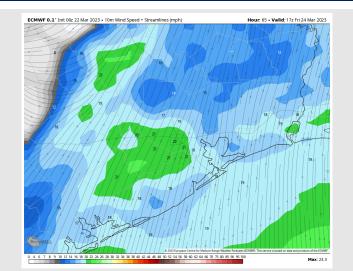
Temps: High temperatures Friday will be in the low 70s F near the boarding station and mid to upper 70's F for the other stations.

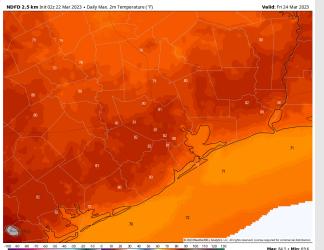
Visibility: Not anticipating any visibility concerns at this time.

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



Winds 12 PM CT



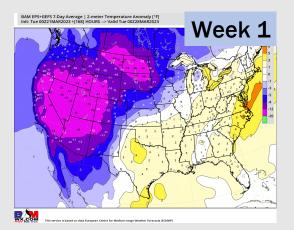


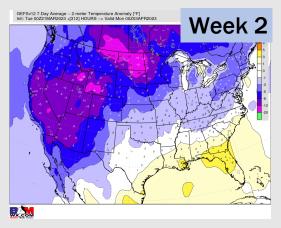
High Temps Friday

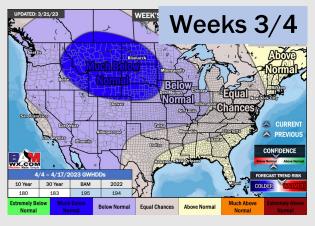
### Houston Pilots: 3/22/23

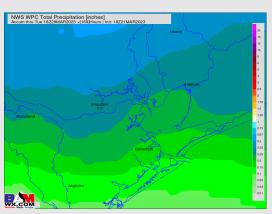


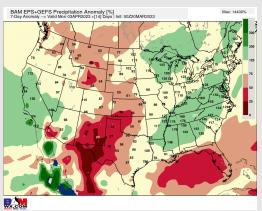














- Rain chances look rather minor over the next few days with a better shot of moisture moving in at the end of the week Friday. Temperatures are expected to be near or slightly above normal over the next seven days.
- > Expecting near normal precipitation chances and near to slightly above normal temperatures extending into the week 2 timeframe.
- Anticipating above normal temperatures and above normal chances for precipitation favored in the week 3/4 timeframe.