

# Houston Pilots Forecast Package



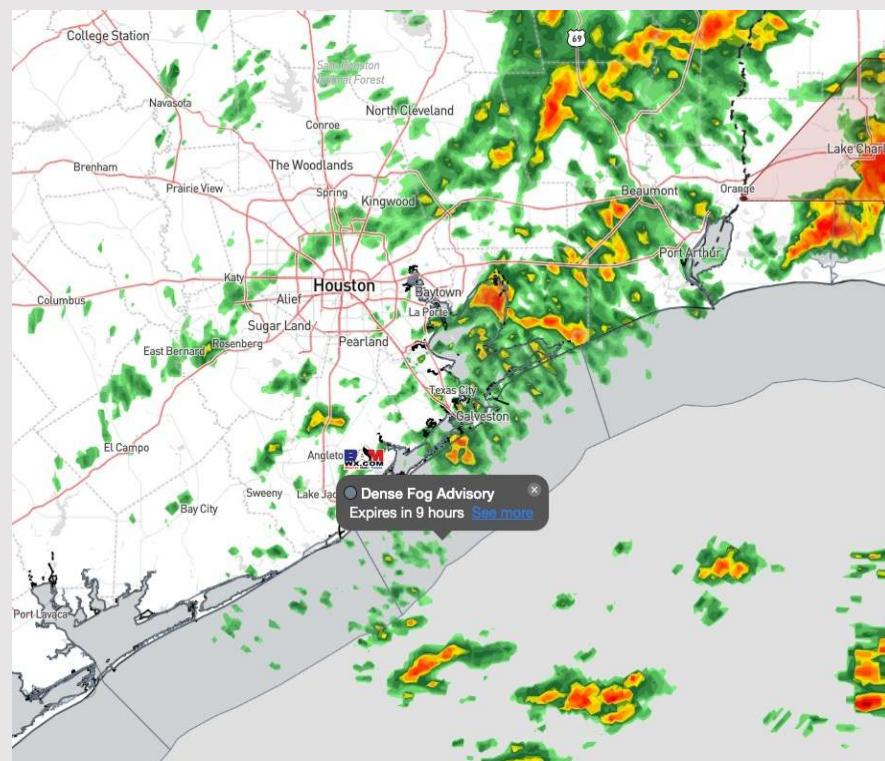
Updated: 9:00 PM CT

Friday, January 26, 2024

Forecaster: Jonathan Kipper

## Weather Headlines

- Anticipating shower/storm risks for today and Saturday.
- Favoring winds to remain fairly calm today before winds pick up for the weekend and some gusts of up to 20 kts will be in play.
- **Sea fog threats continuing this evening with exact timing expected during the early AM SAT as coverage gradually tapers off. Please see visibility slides for more info.**



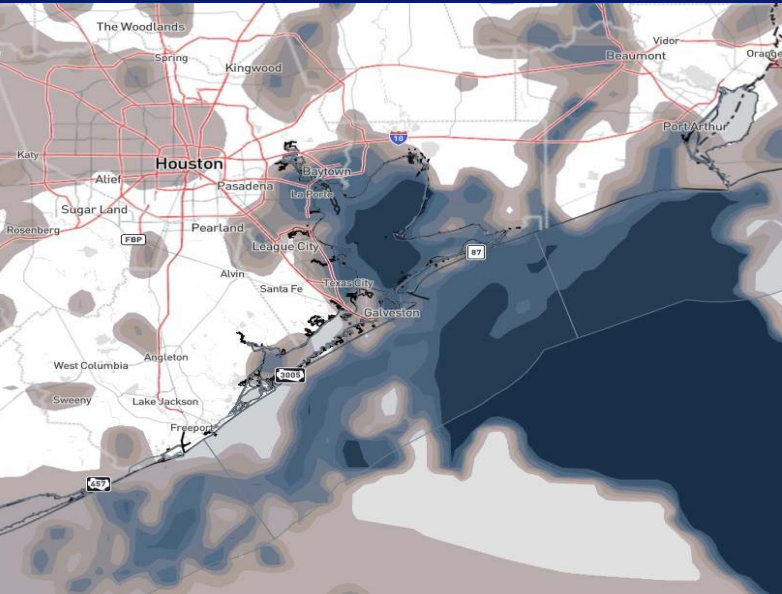
**Radar/NWS Alerts: 2:53 PM CT**



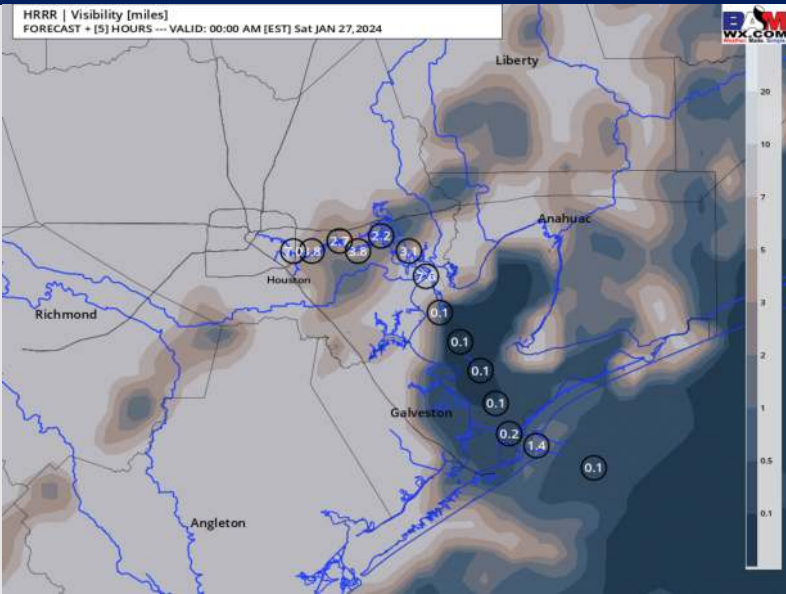
As always, please do not hesitate to reach out to us with any forecast questions via the chat option on the Weather Porthole or our on-call number, **(317)-560-8122** press 1 for forecast questions.

# Houston Pilots Visibility Report

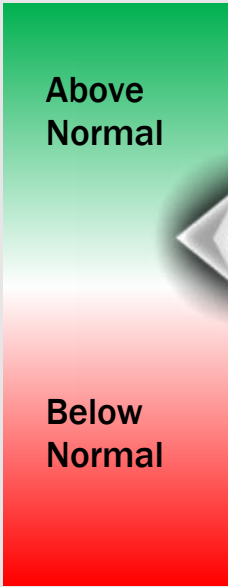
## Current Visibility (~8:30 PM CT)



## 11 PM CT FRI Visibility



## Confidence



### TIMEFRAME DISCUSSED

### THREAT

CURRENT - 5 AM SAT

Med - High

- Dense sea fog mixed in with showers will continue to be a risk this evening and into the AM hours SAT. The greatest risk the rest of the evening/overnight hours for widespread coverage will be S of Morgan's Point with fog being patchy N of Morgan's Point.
- **N of Morgan's Point:** As scattered showers continue to push through the area, visibilities of 2-4 miles will continue through ~1 AM CT SAT. An isolated pocket of fog mixing in through the early AM SAT, reducing visibility to less than 1 mile, cannot be ruled out.
- **S of Morgan's Point:** Visibility is expected to continue at 1 - 2 miles with frequent instances of visibility dropping to 1 mile or less through 12 AM CT along with heavier downpours from showers. Between 12 AM-CT and 5 AM-CT SAT, fog will gradually begin to be pushed out by the front traveling SE. Anticipating fog clears the Boarding Station by 5 AM-CT, ending the reduced visibility threat. It is possible the threat could end slightly sooner early Sat AM.

# Houston Pilots Extended Range Visibility Report



## Monday 1/29/24

No visibility concerns favored for Monday.

### Forecast Confidence



## Wednesday 1/31/24

No visibility concerns favored for Wednesday.

### Forecast Confidence



## Tuesday 1/30/24

No visibility concerns favored for Tuesday.

### Forecast Confidence



## Chance for Fog

Monday AM	Unlikely
Monday PM	Unlikely
Tuesday AM	Unlikely
Tuesday PM	Unlikely
Wednesday AM	Unlikely
Wednesday PM	Unlikely



# Houston Pilots Visibility Chart (miles)



Time	Fri 1pm	Fri 2pm	Fri 3pm	Fri 4pm	Fri 5pm	Fri 6pm	Fri 7pm	Fri 8pm	Fri 9pm	Fri 10pm	Fri 11pm	Sat 12am	Sat 1am	Sat 2am	Sat 3am	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	
610 Bridge	9	9	6	2	3	3	4	4	3	3	3	3	2	2	2	3	3	4	6	6	9	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	
Kinder 1	9	9	6	2	3	3	4	4	3	3	3	3	2	2	2	3	4	4	6	6	9	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	
Greens Bayou	10	10	6	4	3	4	2	4	3	3	2	3	2	2	2	3	5	4	6	7	9	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	
Shell Crude	9	9	4	4	3	3	2	4	3	3	2	3	2	2	2	3	8	4	8	8	8	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	
Lynchburg Ferries	10	9	7	4	3	4	2	4	3	3	2	3	2	2	2	3	8	4	8	8	9	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	
Exxon 3	9	9	1	4	3	3	2	3	3	2	2	2	2	1	3	2	8	4	8	8	8	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	
Morgans Point	7	7	1	3	3	3	2	2	2	1	2	2	2	1	3	3	8	4	8	8	8	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
75/76	7	5	1	2	3	3	2	2	1	0.67	0.93	2	2	1	3	3	8	4	8	8	8	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
63/64	6	3	1	2	2	1	1	1	1	0.67	0.24	2	2	2	3	3	8	3	8	8	8	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
51/52	4	1	0.72	1	0.92	0.53	0.53	0.49	0.63	0.48	0.24	1	2	3	3	3	8	3	8	8	8	9	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
37/38	1	0.5	0.51	0.53	0.53	0.53	0.49	0.29	0.29	0.43	0.24	0.72	2	3	3	2	7	3	8	8	8	8	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
25/26	0.53	0.29	0.29	0.53	0.53	0.29	0.29	0.29	0.29	0.24	0.24	1	3	3	3	2	6	5	8	8	8	8	8	10	10	10	10	10	10	10	10	10	10	10	10	10	10
11/12	0.53	0.29	0.29	0.29	0.29	0.29	0.29	0.32	0.29	0.24	0.24	1	3	3	3	2	6	3	6	8	8	8	8	10	10	10	10	10	10	10	10	10	10	10	10	10	10
1 & 2 Bravo	0.53	0.29	0.29	1	0.53	0.29	0.29	0.77	0.58	0.24	0.24	0.71	3	3	2	2	8	1	3	8	8	8	8	9	9	9	9	9	9	9	10	10	10	10	10	10	

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# Houston Pilots Wind Chart



## Forecast Confidence



## Example

Sustained wind 13 Knots  
Gusts 18 Knots  
Wind from the N

WS: 13  
G:18  
N

Time Knots	Fri 1pm	Fri 2pm	Fri 3pm	Fri 4pm	Fri 5pm	Fri 6pm	Fri 7pm	Fri 8pm	Fri 9pm	Fri 10pm	Fri 11pm	Sat 12am	Sat 1am	Sat 2am	Sat 3am	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
610 Bridge	6	6	5	5	5	4	4	3	2	3	4	5	5	6	6	7	9	11	12	12	12	12	12	13	14	13	13	13	12	12	11	9	10	9	8	8
	9	9	8	7	7	7	6	5	4	5	7	8	8	8	9	11	13	16	18	18	18	19	19	20	21	19	19	20	19	17	17	15	15	14	13	12
	E	ENE	ENE	ENE	ENE	NE	NE	NNE	NNW	NNW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW
Kinder 1	6	6	5	5	4	4	4	3	2	3	4	5	5	6	6	7	8	11	12	12	12	12	12	13	13	12	13	12	11	11	9	10	9	8	8	
	9	9	8	7	7	7	6	5	4	5	6	8	8	8	9	11	13	16	18	18	18	18	20	20	19	19	20	18	17	17	15	15	14	13	13	
	E	ENE	ENE	ENE	ENE	NE	NE	NE	N	NNW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	
Greens Bayou	6	6	5	5	4	4	4	3	2	3	4	5	5	5	6	7	8	10	11	11	12	12	12	13	13	12	13	12	11	11	9	10	9	8	8	
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Shell Crude	6	6	5	5	4	4	4	3	2	3	4	5	5	5	6	7	8	10	11	11	12	12	12	13	13	13	12	13	12	11	11	10	10	9	8	8
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Lynchburg Ferries	6	6	6	5	5	5	4	3	3	3	4	6	6	6	6	8	9	10	11	11	12	12	13	13	13	13	13	13	12	11	10	11	9	9	9	
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Exxon 3	6	6	6	5	5	5	4	4	3	4	4	6	6	6	7	8	9	10	11	11	12	12	13	13	13	13	14	13	12	11	11	11	10	9	9	
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Morgans Point	6	6	6	6	6	5	5	4	3	4	5	6	6	6	7	9	10	11	12	12	13	13	13	14	14	14	14	14	13	12	12	12	11	10	10	
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75/76	7	7	7	7	7	6	6	5	4	4	5	7	7	7	8	10	11	13	14	14	14	14	14	14	14	15	15	16	16	15	14	14	13	13	12	
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63/64	7	7	7	7	7	6	6	5	4	4	5	7	8	7	9	10	12	14	15	14	15	15	15	14	15	15	15	17	15	15	14	14	14	14	13	
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51/52	7	7	7	7	7	6	5	4	4	4	5	7	8	7	9	10	11	13	14	14	14	15	14	14	15	15	14	15	16	15	15	14	14	13	14	13
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25/26	8	8	8	7	6	6	5	4	4	3	4	6	7	6	8	8	9	11	12	12	13	14	14	14	14	14	14	14	13	13	12	12	12	12	12	
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11/12	8	8	8	7	7	6	5	5	4	4	5	6	7	7	8	9	10	11	12	13	13	14	14	14	14	14	14	14	13	13	12	12	12	13	12	
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1 & 2 Bravo	9	9	8	9	8	8	7	7	6	6	6	8	9	9	11	12	13	13	14	15	15	16	17	16	15	15	16	16	16	15	15	16	16	16	16	
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# Houston Pilots: Fri. 01/26/2024

## Forecast Discussion

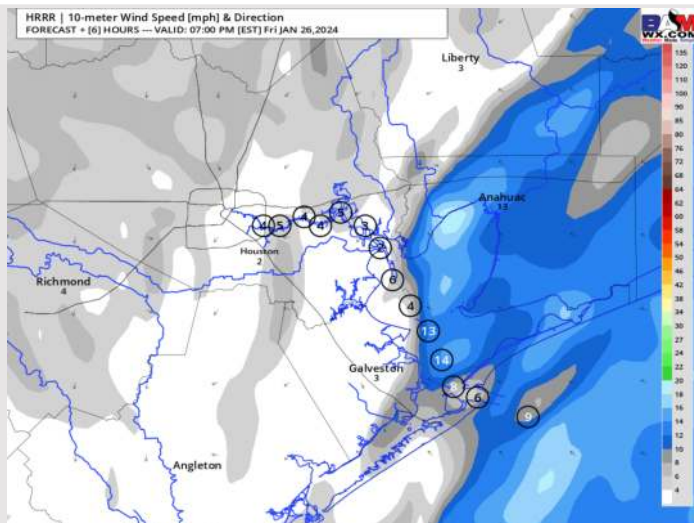
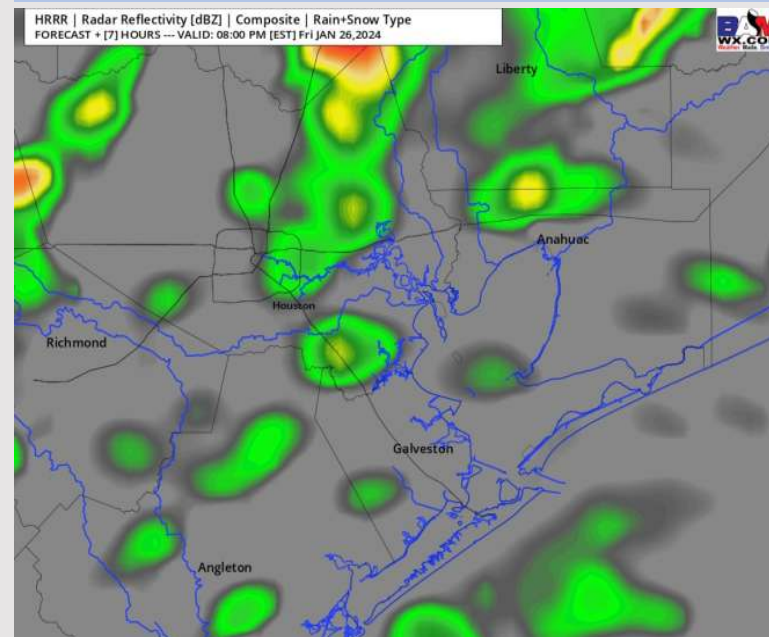
**Precip:** Favoring the best potential for light showers (30%-40%) to continue in the area through 11 PM, impacting all stations. Potential for storms/lightning strikes will be in play near the Boarding Station.

**Wind:** Winds out of the ENE shift out of the NW by 10PM with the passing of the front. **N of Morgan's Point:** 4-9 kts favored for the entire day. **S of Morgan's Point:** 8 - 12 kts sustained for the entire day.

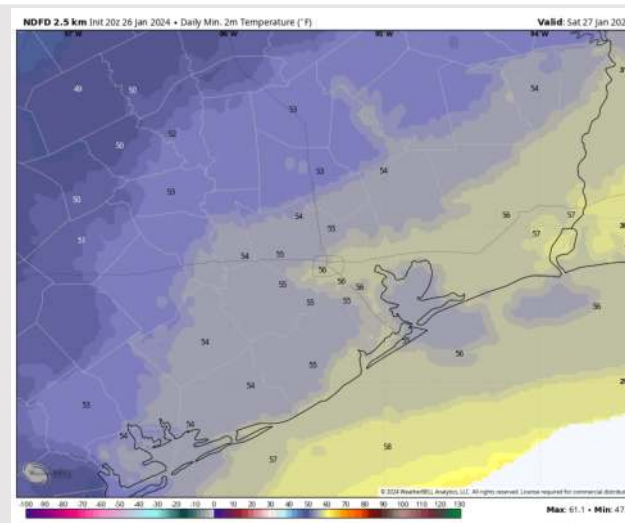
**High Temps:** **N of Morgan's Point:** Mid 50s F. **S of Morgan's Point:** Mid 50s F.

**Visibility:** Patchy to widespread fog remains possible for the late evening but will be highly dependent on weak front passage. **Check the Visibility slide above for more details.**

## Precip Image: 7 PM CT



**Wind Speed:**  
6 PM CT



**Low Temps**  
**SAT AM**

# Houston Pilots: Sat. 01/27/2024

## Forecast Discussion

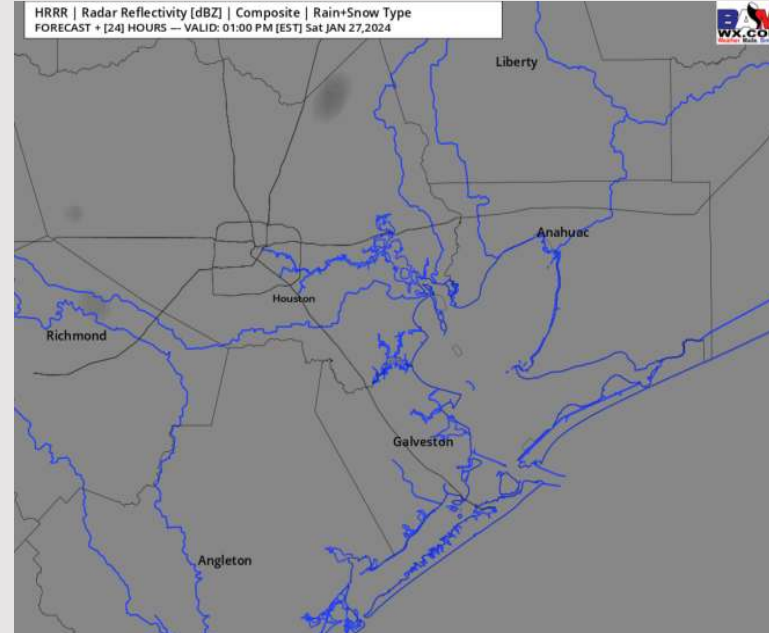
**Precip:** Isolated light showers will be possible for stations N of Morgan's Point through 12 PM. Favoring dry conditions for the remainder of the day.

**Wind:** Winds will be out of the NW for the entire day. **N Morgan's Point:** Winds will be 6 – 9 kts through 7AM, before becoming 9 – 13 kts for the remainder of the day. **S of Morgan's Point:** Winds will start at 6 – 9 kts through 7AM, before becoming 11 – 16kts for the remainder of the day. A few gusts of up to 20 kts can't be ruled out.

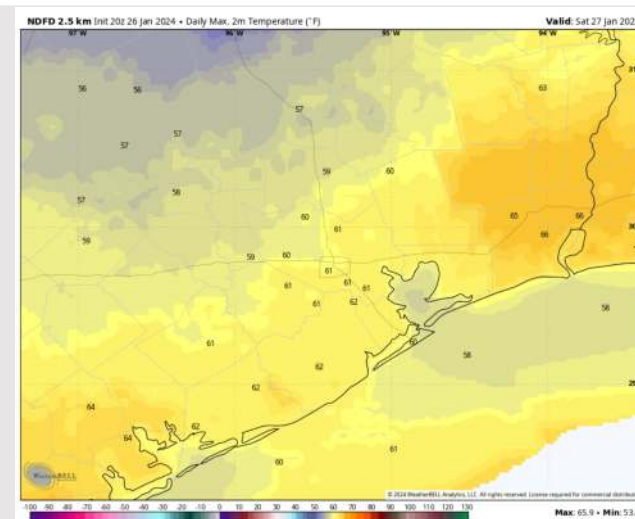
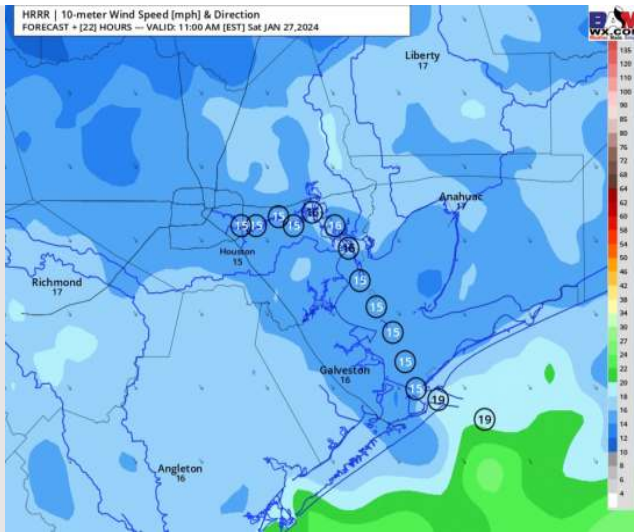
**High Temps:** **N of Morgan's Point:** Mid 60s F. **S of Morgan's Point:** Upper 50s F

**Visibility:** Lower confidence exists on how far into SAT AM the FRI PM fog risks can continue, but the potential for more patchy fog for all Stations remains through ~5 AM.

## Precip Image: 12 PM CT



**Wind Speed:**  
10 AM CT



**High Temps**  
**Saturday**



# Houston Pilots: Sun. 01/28/2024

## Forecast Discussion

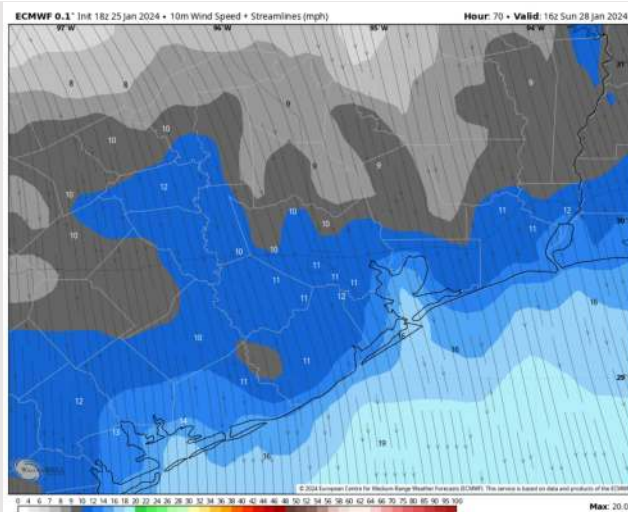
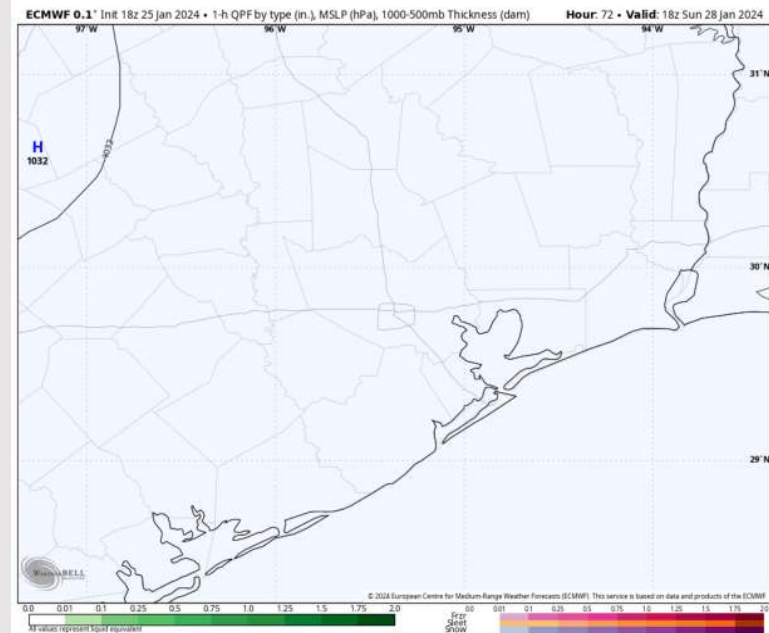
**Precip:** Favoring dry conditions throughout the day Sunday.

**Wind:** Winds out of the NW throughout the day. **N Morgan's Point:** Winds at 4-9 kts throughout the day Sunday. **S of Morgan's Point:** Winds at 8-13 kts through the AM will then decrease to 5-10 kts by 4 PM. A few gusts of up to 20 kts cannot be ruled out at the Boarding Station through 6 PM.

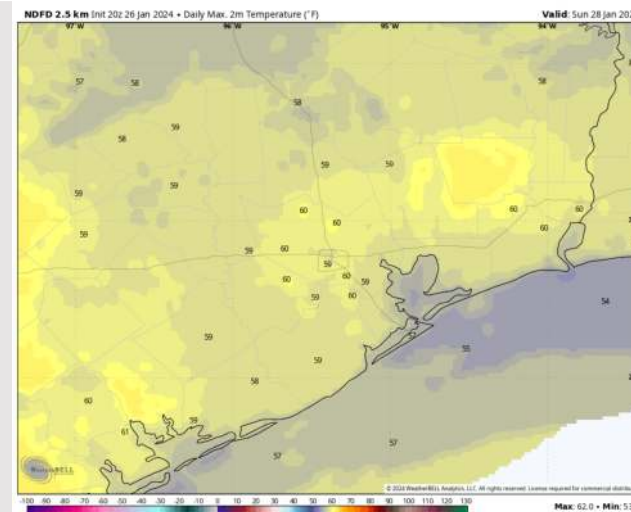
**High Temps:** **N of Morgan's Point:** Upper 50s-Near 60 F. **S of Morgan's Point:** Mid 50s F.

**Visibility:** No visibility concerns favored for Sunday.

## Precip Image: 12 PM CT



Wind Speeds:  
10 AM CT

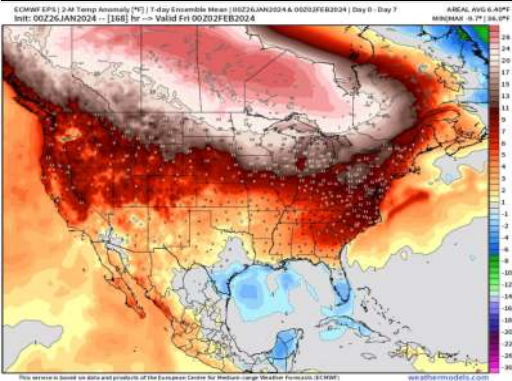


High Temps  
Sunday

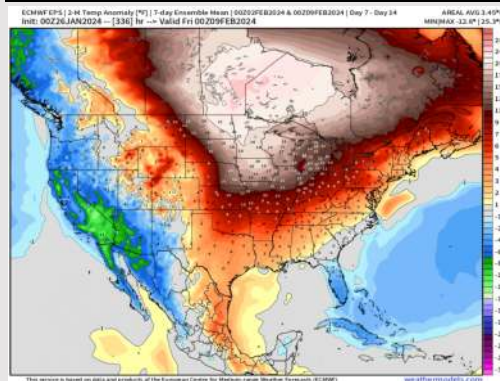


# Houston Pilots: 1/26/24

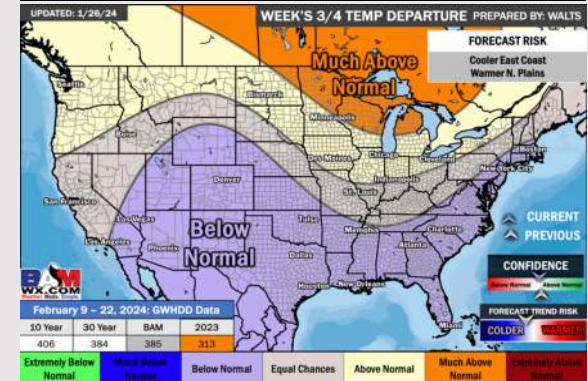
## Next 7 Day Temperature Departure



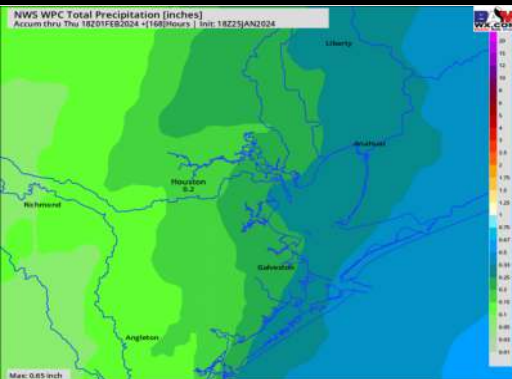
## 8-14 Day Temperature Departure



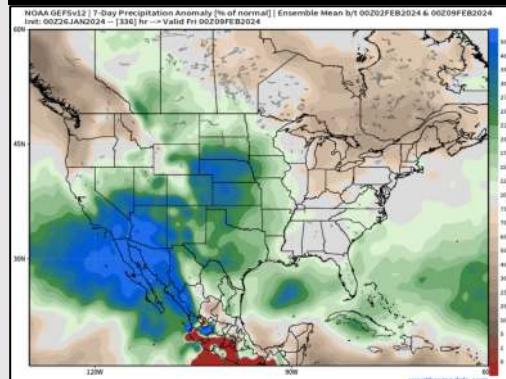
## 15-30 Day Temperature Departure



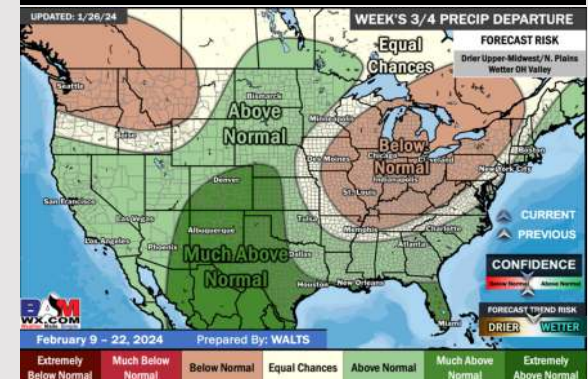
## Next 7 Day Total Precipitation



## 8-14 Day % of Average Precip.



## 15-30 Day % of Average Precip.



- A few rain opportunities will work through today and Saturday. Slightly below normal to near normal temperatures favored for the week ahead.
- Near to slightly above normal precipitation chances are at play during the week 2 timeframe. Temps expected to be above normal.
- Below normal temperatures and much above normal chances for precipitation are favored in the weeks ¾ timeframe.