

# Houston Pilots Forecast Package

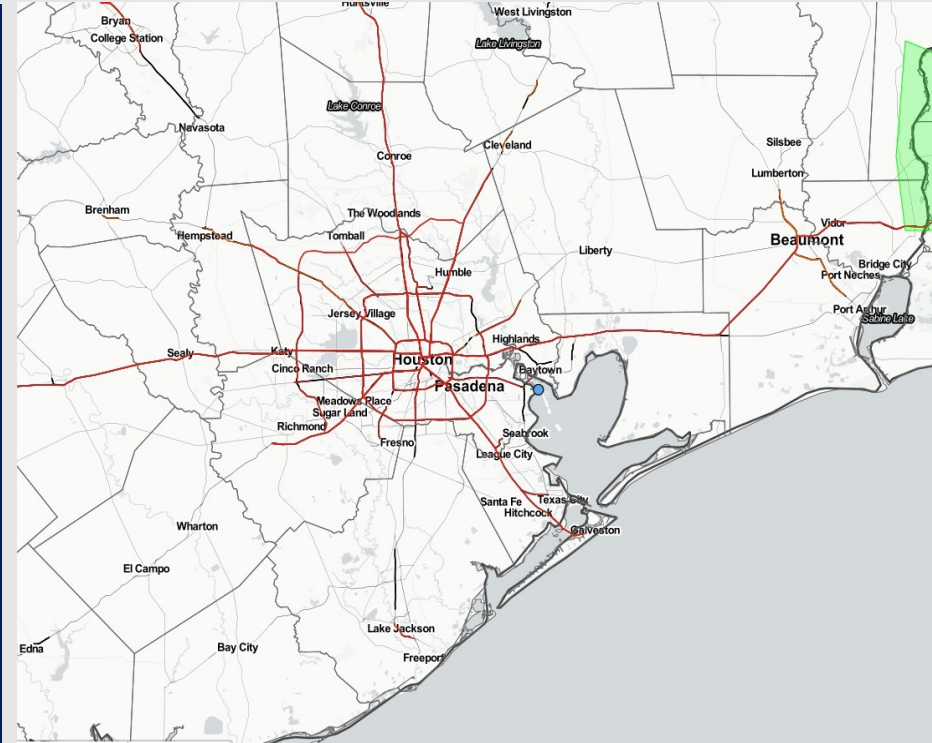


Updated: 5:00 AM CT  
Friday, April 14, 2023

Forecaster: Vince Bryan

## Weather Headlines

- Continuing to favor the best precip risks moving forward to come late Saturday night with the upcoming cold front.
- Eyeing Sunday daytime hours for some gusty winds (sustained 20-25 knots possible) behind the cold front that will pass very early Sunday AM.
- Fog threats look rather limited moving forward over the next several days. It's worth watching Sat PM/AM for some low end reduced visibility risk (more details below).



**Radar/NWS Alerts: 5:00 AM CT**



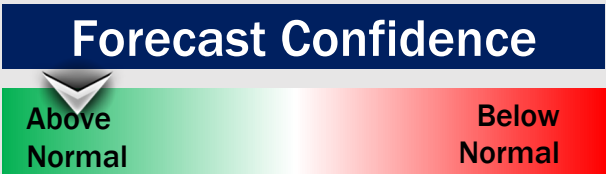
As always, please do not hesitate to reach out to us with any forecast questions via the chat option on the Weather Porthole or our on-call number, **(317)-560-8122** press 1 for forecast questions.

# Houston Pilots Extended Range Visibility Report



## Monday 4/17/23

Reduced visibility does not look to be a concern on Monday.



## Tuesday 4/18/23

Reduced visibility does not look to be a concern on Tuesday at the moment.



## Wednesday 4/19/23

Reduced visibility does not look to be a concern on Wednesday at the moment.



## Chance for Reduced Visibility

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

# Houston Pilots Visibility Chart (miles)



## Forecast Confidence



Time	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	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
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	8	7	7	8	10	10	6	6	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	8	7	7	8	10	10	7	7	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	8	8	7	8	10	10	7	7	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	8	8	8	8	10	10	8	8	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	8	8	8	8	10	10	8	8	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	8	8	8	8	10	10	8	8	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	8	8	8	8	10	10	8	8	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	8	8	8	8	10	10	8	8	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	9	9	8	9	10	10	8	8	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	8	8	8	9	9	9	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	8	8	8	8	8	8	8	8
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	8	8	8	8	8	8	8	8
11/12	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	8	8	8	8	8	8	8	8
1 & 2 Bravo	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	9	9	9	9	8	9	9	8	8	8	8	8	8	8	8	8	8	8	8	8

**NOTE: This is automated data that may/may not agree with the official BAM thinking that's found on the daily slides or special visibility report slides. This data should be used as a guide only**

# 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 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	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	
<b>610 Bridge</b>	4 11 S	4 10 SSE	4 8 SE	3 9 SE	4 11 SE	4 12 SSE	6 15 SSE	9 13 S	9 12 S	8 13 SSE	9 13 SSE	10 14 SSE	10 15 SSE	11 16 SSE	11 18 SSE	13 17 SSE	12 18 SSE	11 17 SSE	10 16 SSE	11 17 SSE	11 16 SSE	10 16 SSE	10 15 S	10 15 S	9 14 S	10 15 S	8 13 S	8 13 S	7 11 SSE	7 13 SSE	9 14 SSW	9 14 SSW	9 14 SSW	10 15 SSW	10 15 SSW		
<b>Kinder 1</b>	4 11 S	4 10 S	4 8 SE	3 9 SE	4 11 SE	3 12 SSE	6 15 SSE	9 13 S	9 12 S	8 13 SSE	9 13 SSE	10 14 SSE	10 15 SSE	11 16 SSE	11 18 SSE	13 17 SSE	12 18 SSE	11 17 SSE	10 16 SSE	11 17 SSE	11 16 SSE	10 16 SSE	10 15 S	10 15 S	9 14 S	10 15 S	8 13 S	8 13 S	7 11 SSE	7 13 SSE	9 14 SSW	9 14 SSW	9 14 SSW	10 15 SSW	10 15 SSW		
<b>Greens Bayou</b>	3 12 SSE	3 11 SSE	4 9 SE	3 9 SE	4 11 SE	3 12 SSE	6 15 SSE	9 13 S	9 12 S	8 13 SSE	9 13 SSE	10 14 SSE	10 15 SSE	11 16 SSE	11 18 SSE	13 17 SSE	12 18 SSE	11 17 SSE	10 16 SSE	11 17 SSE	11 16 SSE	10 16 SSE	10 15 S	10 15 S	9 14 S	10 15 S	8 13 S	8 13 S	7 11 SSE	7 13 SSE	9 14 SSW	9 14 SSW	9 14 SSW	10 15 SSW	10 15 SSW		
<b>Shell Crude</b>	3 12 S	4 11 SSE	4 9 SE	4 9 SE	4 11 SE	3 12 SSE	7 15 SSE	9 13 S	9 12 S	9 13 SSE	10 14 SSE	10 15 SSE	11 16 SSE	11 18 SSE	13 17 SSE	12 18 SSE	11 17 SSE	11 16 SSE	10 16 SSE	11 17 SSE	11 16 SSE	10 16 SSE	10 15 S	10 15 S	10 14 S	10 15 S	9 14 S	12 13 SSE	11 13 SSE	11 13 SSW	11 13 SSW	13 13 SSW	13 13 SSW	14 14 SSW	14 14 SSW		
<b>Lynchburg Ferries</b>	3 11 SSE	4 11 SSE	4 9 SE	4 9 SE	4 11 SE	3 12 SSE	7 15 SSE	9 13 S	9 12 S	9 13 SSE	10 14 SSE	10 15 SSE	11 16 SSE	11 18 SSE	13 17 SSE	12 18 SSE	11 17 SSE	11 16 SSE	10 16 SSE	11 17 SSE	11 16 SSE	10 16 SSE	10 15 S	10 15 S	10 14 S	10 15 S	9 14 S	8 13 SSE	8 13 SSE	7 11 SSE	8 13 SSE	9 14 SSW	9 14 SSW	10 15 SSW	10 15 SSW		
<b>Exxon 3</b>	4 13 S	5 12 SSE	4 9 SSE	5 10 SSE	5 13 SSE	5 14 SSE	8 16 SSE	10 14 SSE	10 14 SSE	11 15 SSE	11 16 SSE	11 16 SSE	11 16 SSE	11 18 SSE	14 18 SSE	13 17 SSE	12 17 SSE	12 16 SSE	11 15 SSE	11 15 SSE	11 15 SSE	10 15 SSE	10 15 S	10 15 S	10 14 S	10 14 S	9 13 S	8 12 S	8 12 S	8 12 S	9 13 S	9 13 S	10 14 S	10 14 S	10 14 S		
<b>Morgans Point</b>	7 14 S	7 13 SSE	6 10 SSE	7 12 SSE	8 15 SSE	8 16 SSE	10 17 SSE	11 14 SSE	11 14 SSE	12 16 SSE	12 16 SSE	12 16 SSE	12 16 SSE	12 16 SSE	15 18 SSE	14 18 SSE	13 17 SSE	12 16 SSE	12 16 SSE	12 16 SSE	12 16 SSE	12 16 SSE	12 16 SSE	12 16 SSE	12 16 SSE	12 16 SSE	11 15 SSE	10 14 SSE	10 13 SSE	10 13 SSE	10 13 SSE	10 13 SSE	10 13 SSE	10 13 SSE	10 13 SSE	10 13 SSE	
<b>75/76</b>	10 15 SSW	9 13 SSE	7 11 SSE	9 14 SSE	12 17 SSE	13 17 SSE	13 15 SSE	12 16 SSE	12 16 SSE	13 16 SSE	13 16 SSE	13 16 SSE	13 16 SSE	13 16 SSE	16 18 SSE	16 18 SSE	16 18 SSE	14 16 SSE	14 16 SSE	14 16 SSE	14 16 SSE	14 16 SSE	14 16 SSE	14 16 SSE	14 16 SSE	14 16 SSE	13 15 SSE	12 14 SSE	12 14 SSE	12 14 SSE	12 14 SSE	12 14 SSE	12 14 SSE	12 14 SSE	12 14 SSE	12 14 SSE	
<b>63/64</b>	10 15 SSW	9 13 SSE	7 11 SSE	10 14 SSE	12 17 SSE	13 17 SSE	13 15 SSE	12 16 SSE	12 16 SSE	13 16 SSE	13 16 SSE	13 16 SSE	13 16 SSE	13 16 SSE	16 18 SSE	16 18 SSE	16 18 SSE	14 16 SSE	14 16 SSE	14 16 SSE	14 16 SSE	14 16 SSE	14 16 SSE	14 16 SSE	14 16 SSE	14 16 SSE	13 15 SSE	12 14 SSE	12 14 SSE	12 14 SSE	12 14 SSE	12 14 SSE	12 14 SSE	12 14 SSE	12 14 SSE	12 14 SSE	
<b>51/52</b>	10 14 SSW	8 12 SSE	7 10 SSE	10 14 SSE	12 17 SSE	13 17 SSE	13 15 SSE	12 16 SSE	12 16 SSE	13 16 SSE	13 16 SSE	13 16 SSE	13 16 SSE	13 16 SSE	16 18 SSE	16 18 SSE	16 18 SSE	14 16 SSE	14 16 SSE	14 16 SSE	14 16 SSE	14 16 SSE	14 16 SSE	14 16 SSE	14 16 SSE	14 16 SSE	13 15 SSE	12 14 SSE	12 14 SSE	12 14 SSE	12 14 SSE	12 14 SSE	12 14 SSE	12 14 SSE	12 14 SSE	12 14 SSE	
<b>37/38</b>	10 14 S	8 12 S	7 10 SSE	9 14 SSE	11 17 SSE	12 17 SSE	13 15 SSE	12 16 SSE	11 16 SSE	11 16 SSE	10 16 SSE	10 16 SSE	10 16 SSE	10 16 SSE	14 16 SSE	14 16 SSE	14 16 SSE	13 15 SSE	13 15 SSE	13 15 SSE	13 15 SSE	13 15 SSE	13 15 SSE	13 15 SSE	13 15 SSE	12 14 SSE	11 15 SSE	11 15 SSE	11 15 SSE	11 15 SSE	11 15 SSE	11 15 SSE	11 15 SSE	11 15 SSE	11 15 SSE	11 15 SSE	
<b>25/26</b>	8 13 S	6 12 S	7 10 SSE	8 14 SSE	9 16 SSE	10 16 SSE	11 15 SSE	12 14 SSE	11 14 SSE	10 14 SSE	10 14 SSE	9 14 SSE	9 14 SSE	9 14 SSE	10 14 SSE	10 14 SSE	12 14 SSE	12 14 SSE	11 14 SSE	11 14 SSE	11 14 SSE	11 14 SSE	11 14 SSE	11 14 SSE	11 14 SSE	11 14 SSE	11 14 SSE	11 14 SSE	11 14 SSE	11 14 SSE	11 14 SSE	11 14 SSE	11 14 SSE	11 14 SSE	11 14 SSE	11 14 SSE	
<b>11/12</b>	9 13 SSW	7 13 S	8 13 S	9 14 SSE	10 16 SSE	10 16 SSE	11 15 SSE	11 14 SSE	10 14 SSE	10 14 SSE	10 14 SSE	9 14 SSE	9 14 SSE	9 14 SSE	10 14 SSE	10 14 SSE	12 14 SSE	12 14 SSE	11 14 SSE	11 14 SSE	11 14 SSE	11 14 SSE	11 14 SSE	11 14 SSE	11 14 SSE	11 14 SSE	11 14 SSE	11 14 SSE	11 14 SSE	11 14 SSE	11 14 SSE	11 14 SSE	11 14 SSE	11 14 SSE	11 14 SSE	11 14 SSE	11 14 SSE
<b>1 &amp; 2 Bravo</b>	11 14 SSW	9 13 S	9 13 S	10 15 SSE	11 16 SSE	11 16 SSE	11 15 SSE	10 14 SSE	10 14 SSE	9 14 SSE	9 14 SSE	9 14 SSE	8 14 SSE	8 14 SSE	9 14 SSE	12 14 SSE	13 14 SSE	13 14 SSE	13 14 SSE	13 14 SSE	13 14 SSE	13 14 SSE	13 14 SSE	13 14 SSE	13 14 SSE	13 14 SSE	13 14 SSE	13 14 SSE	13 14 SSE	13 14 SSE	13 14 SSE	13 14 SSE	13 14 SSE	13 14 SSE	13 14 SSE	13 14 SSE	13 14 SSE

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# Houston Pilots: Fri. 4/14/2023



## Forecast Discussion

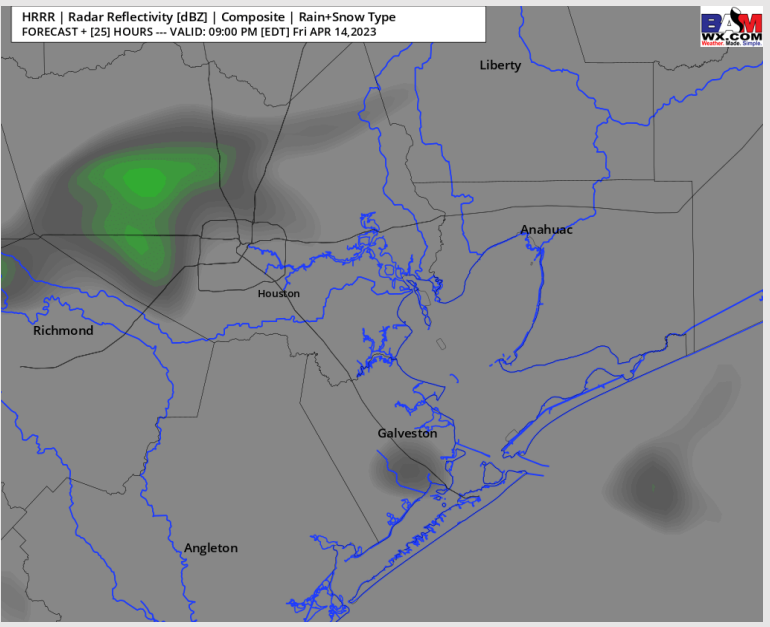
**Precip:** Favoring dry conditions throughout this morning and afternoon. Then favoring a 10-20% chance for an isolated shower this evening. Most of the activity however is expected to stay north of the stations.

**Wind:** Sustained winds out of the S/SE throughout the day. Winds N of Morgan's Point will be at 5-9 kts until the late morning hours. Then around ~Noon, winds N of Morgan's Point will increase to 9-13 kts for the rest of the day. Winds S of Morgan's Point will be at 10-15 kts throughout the day Friday. Wind gusts of 15-20 kts will be possible for all stations throughout the day Friday.

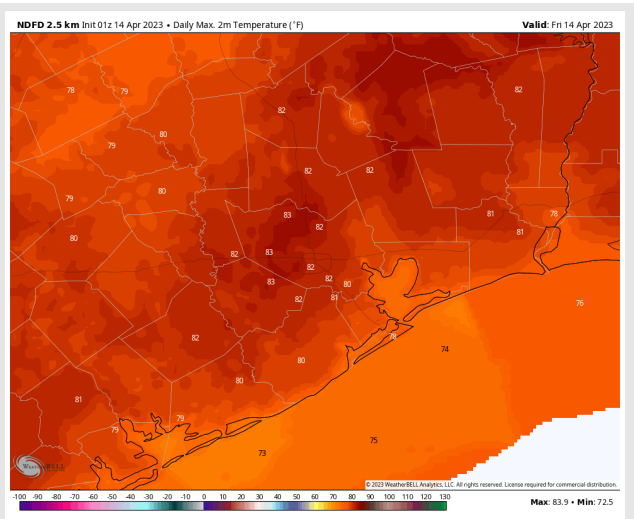
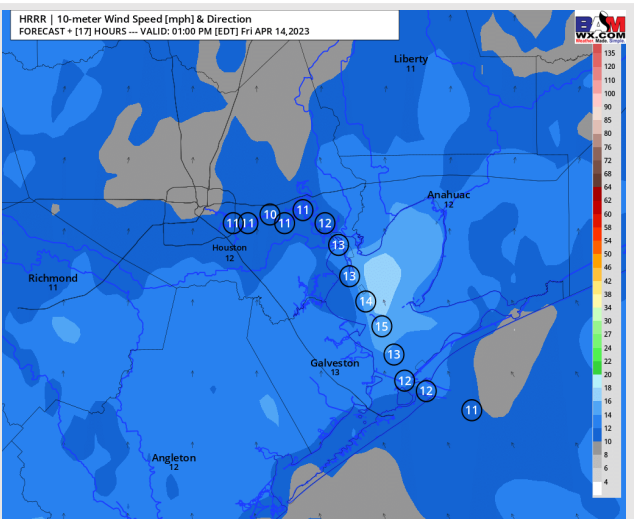
**Temps:** High temperatures will be in the mid to upper 70s F for stations S of Morgan's Point and in the low 80s F for stations N of Morgan's Point.

**Visibility:** Visibility concerns are not favored.

## Precip Image: 8 PM CT



Wind Speed:  
12 PM CT



High Temps  
Today

# Houston Pilots: Sat. 4/15/2023



## Forecast Discussion

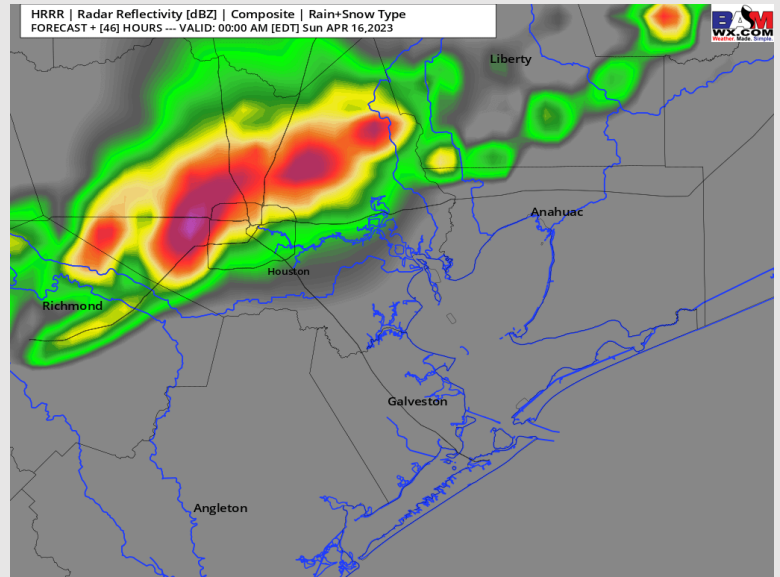
**Precip:** Favoring a 10% chance for an isolated shower throughout the day Saturday until around 6 PM local time. After 10 PM, favoring rain chances to increase to 60% as a front moves in from the N. A few locally strong storms will be possible with the cold front passage.

**Wind:** Winds early Saturday will start out of the S/ SE throughout the day on Saturday, Winds N of Morgan's Point will be at 3-8 kts through 10 AM, before becoming 8-13 kts until 8 PM. After 8 PM, winds return to 3-8 kts. Winds S of Morgan's Point will start off at 8-13 kts until 10 AM. Winds will then become 13-18 kts from 10 AM - 8 PM, then returning to 8-13 kts after 8 PM.

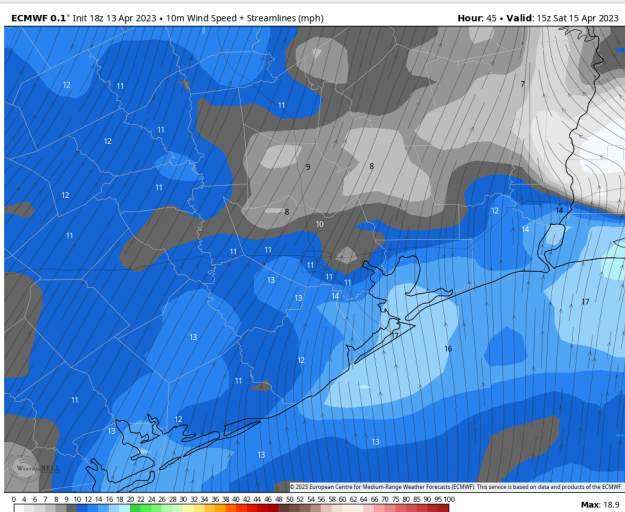
**Temps:** High temps Saturday will be in the mid to upper 70s F for stations S of Morgan's Point and in the mid to upper 80s for stations N of Morgan's Point.

**Visibility:** Some lower confidence on specifics, but Saturday AM shortly after sunrise poses the risk for visibility to drop to 3-5 miles via low clouds. Low clouds will be possible for much of the day, with a low end risk for patchy fog development at the boarding station out ahead of the front Saturday evening. Worst case would be fog lasting for a few hours before the front passes, but just low clouds are currently favored.

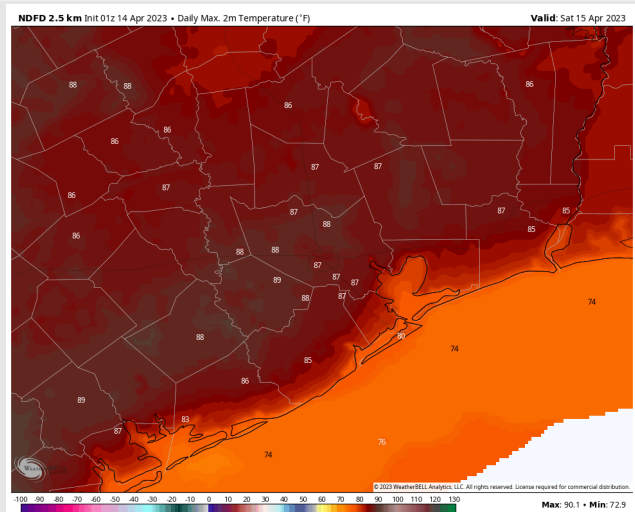
## Precip Image: 11 PM CT



Wind Speed:  
10 AM CT



High Temps  
Saturday



# Houston Pilots: Sun. 4/16/2023



## Forecast Discussion

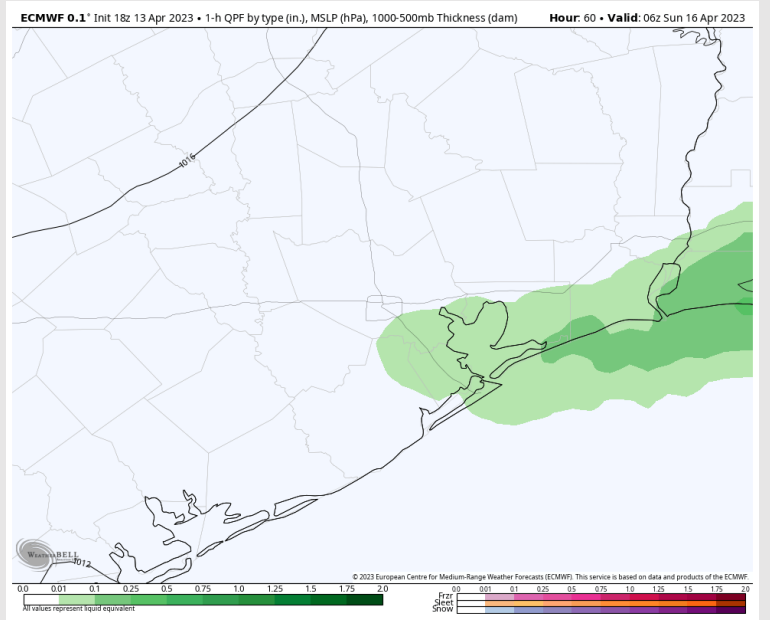
**Precip:** Rain shower chances will continue to linger at a 30-40% rate through 3 AM on Sunday. Beyond 3 AM, anticipating dry conditions the rest of the day on Sunday.

**Wind:** Winds will be out of the N/NE throughout the day on Sunday. Winds north of Morgan's Point will be 9-14 kts through 7 PM, then calming down to 3-8 kts the rest of the day. South of Morgan's Point, winds will start of at 15-20 kts through 2 PM, then being 10-15 kts the rest of the day. **Wind gust of up to 30 kts will be possible between 6 AM – 12 PM near the boarding station.**

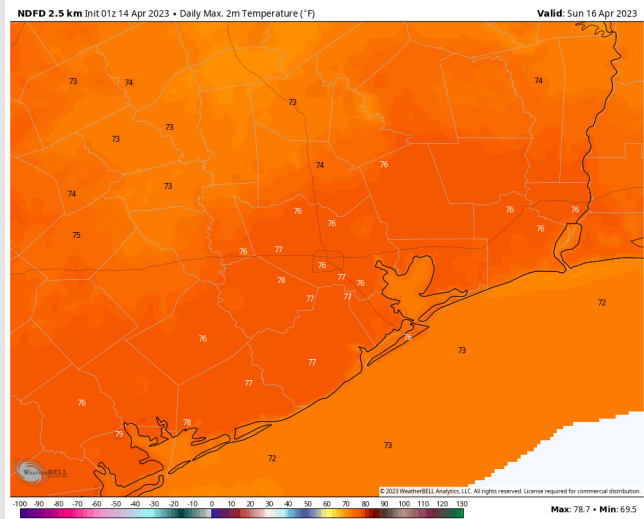
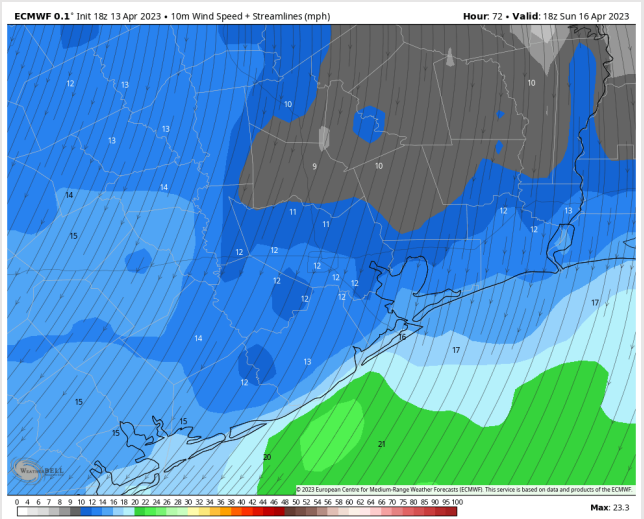
**Temps:** High temperatures of Sunday will be in the mid 70s F across all stations.

**Visibility:** No reduced visibility concerns expected once the front passes.

## Precip Image: 1 AM CT



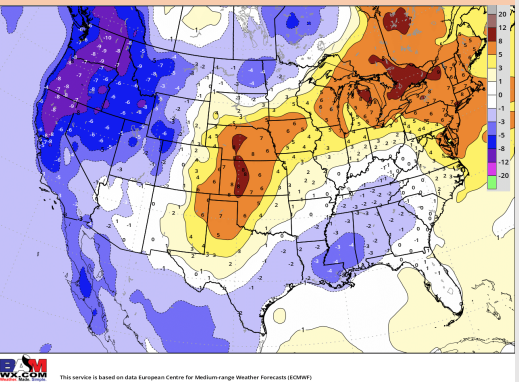
**Wind Speed:  
1 PM CT**



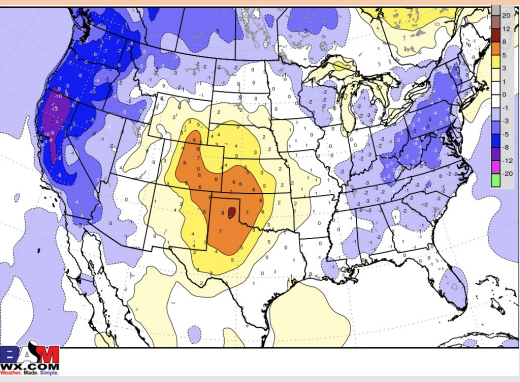
**High Temps  
Sunday**

# Houston Pilots: 4/14/23

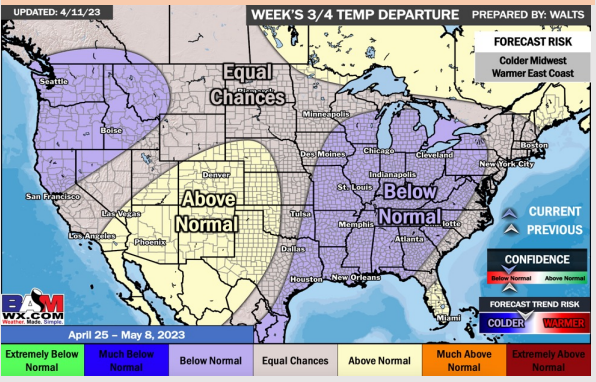
Next 7 Day Temperature Departure



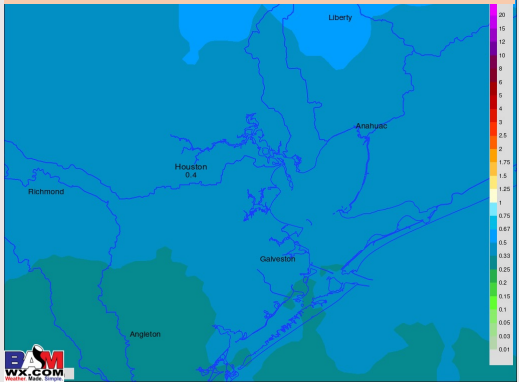
8-14 Day Temperature Departure



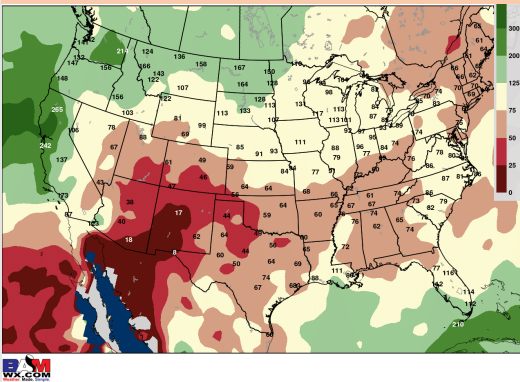
15-30 Day Temperature Departure



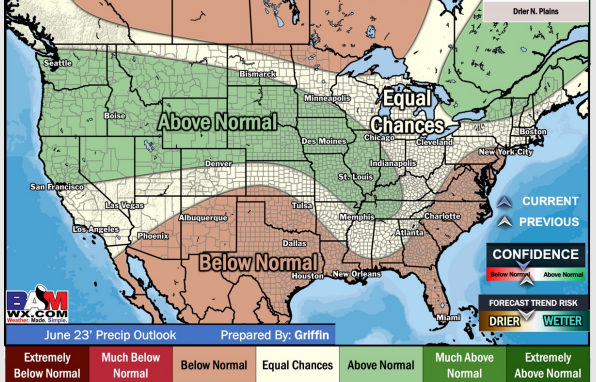
Next 7 Day Total Precipitation



8-14 Day % of Average Precip.



15-30 Day % of Average Precip.



- Saturday night / early Sunday AM will be our next best shot at precip. After this, expecting a quieter stretch of weather to start early next week with another round of showers through the mid week. Temps will be below average for SE TX.
- Expecting below normal precipitation chances as well as near to just above normal temperatures extending into the week 2 timeframe.
- Below normal temperatures and below normal chances for precipitation favored in the week 3/4 timeframe.