

# Houston Pilots Forecast Package



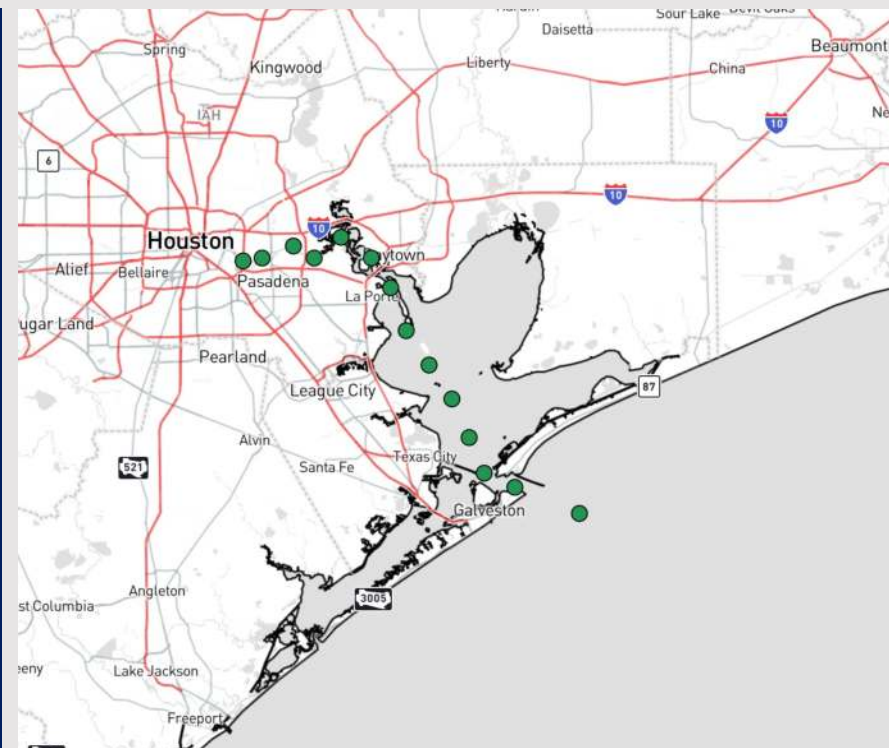
Updated: 12:00 AM CT

Saturday, April 20, 2024

Forecaster: Tyler Riggles

## Weather Headlines

- Expecting a few scattered showers this morning. A wave of heavy rain and strong storms is expected to enter the area late tonight and continue into SUN AM
- Not anticipating any visibility concerns the next few days.
- Winds remain on the calmer side today however elevated winds return early SUN AM with the passing of a front.



Current Radar: 12:00 AM CT



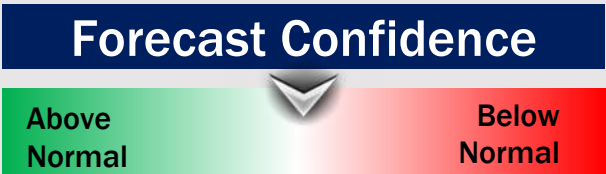
As always, please do not hesitate to reach out to us with any forecast questions via the chat option on Clarity or our on-call number, **(317)-560-8122** press 1 for forecast questions.

# Houston Pilots Extended Range Visibility Report



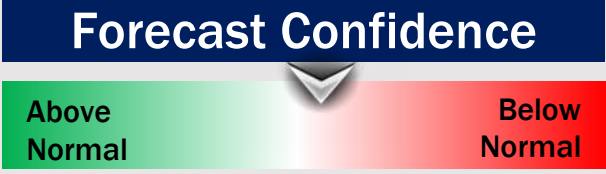
## Tuesday 4/23/24

Fog not favored for TUE.



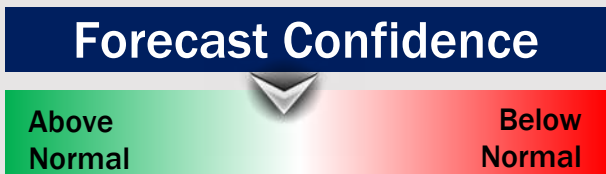
## Wednesday 4/24/24

Fog not favored for WED.



## Thursday 4/25/24

Fog not favored for THU.



## Chance for Fog

Tuesday AM	Unlikely
Tuesday PM	Unlikely
Wednesday AM	Unlikely
Wednesday PM	Unlikely
Thursday AM	Unlikely
Thursday PM	Unlikely

# Houston Pilots Visibility Chart (miles)



## Forecast Confidence



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



Sustained wind 13 Knots  
Gusts 18 Knots  
Wind from the N

## Example

WS: 13  
G:18  
N

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

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# Houston Pilots: Sat. 4/20/2024



## Forecast Discussion

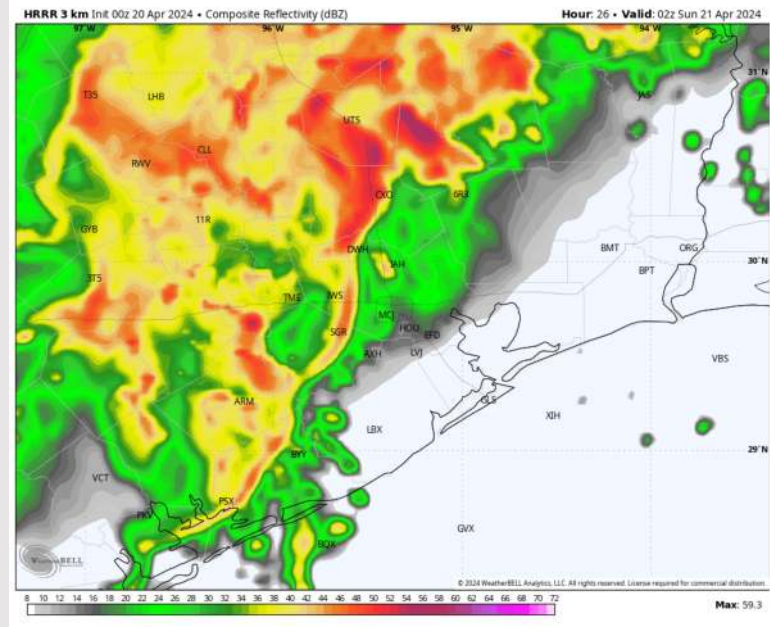
**Precip:** Scattered to hit/miss light rain showers will be in play for Stations N of Morgan's Point after 8 AM. Scattered to widespread strong to severe storms expected to begin pushing in near 10 - 11 PM. Strong winds of 40 - 50+ kts, hail and heavy rain will be the greatest risks.

**Wind:** Favoring wind to continue out of the S/SE throughout the day. **N of Morgan's Point** Winds at 3-8 kts through most of the day, with an increase to 7- 12 kts through 3-8 PM. **S of Morgan's Point:** Winds will sit at 10-15 kts throughout the day.

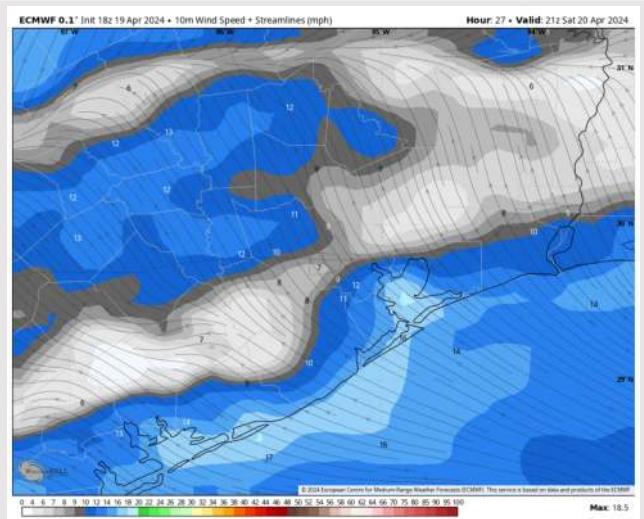
**High Temps:** **N of Morgan's Point:** Mid 80s F. **S of Morgan's Point:** Mid to upper 70s F

**Visibility:** Not favoring any fog risks for today, however misty conditions in the AM can reduce visibilities to 3-5 miles. Reduced visibilities of less than 1 mile can occur moving into SUN due to heavy rain.

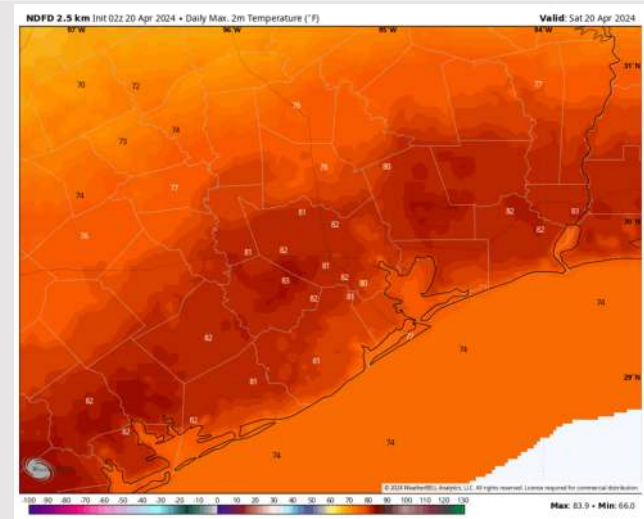
## Precip Image: 9 PM CT



Wind Speed  
4 PM CT



High Temps  
Today



# Houston Pilots: Sun. 4/21/2024



## Forecast Discussion

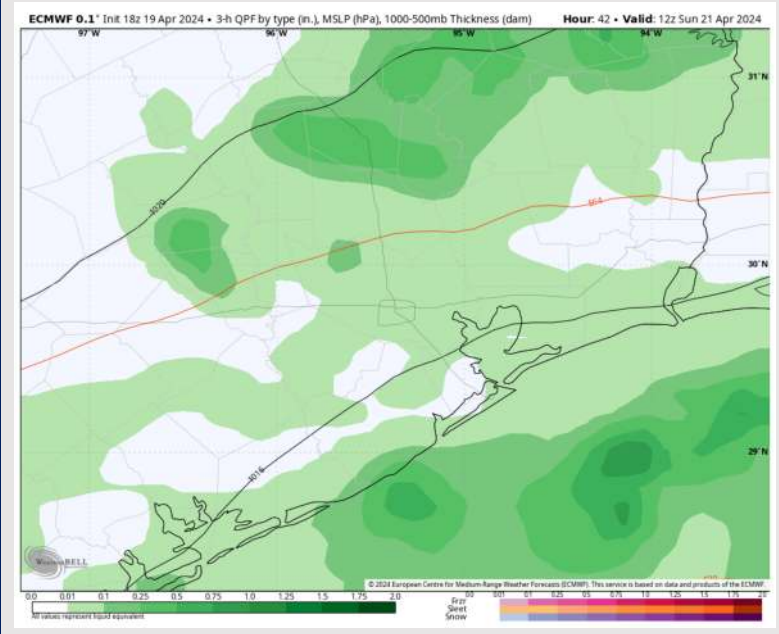
**Precip:** A more defined line of strong to severe storms associated with a front will pass through by 9-10 AM. **Heavy rainfall, lightning, hail and strong winds of 40 – 50+ kts will be the greatest risks with storms.**

**Wind:** Winds will be variable in direction through 4 AM, settling out of the N/NE after that time. **N of Morgan's Point:** Winds at 3-8 kts through 7 AM, increasing to 10-15 kts after that time. **S of Morgan's Point:** Winds at 4-9 kts through 4 AM, increasing to 18-23 kts after that time. **Non-storm related wind gusts of 25-30 kts possible.**

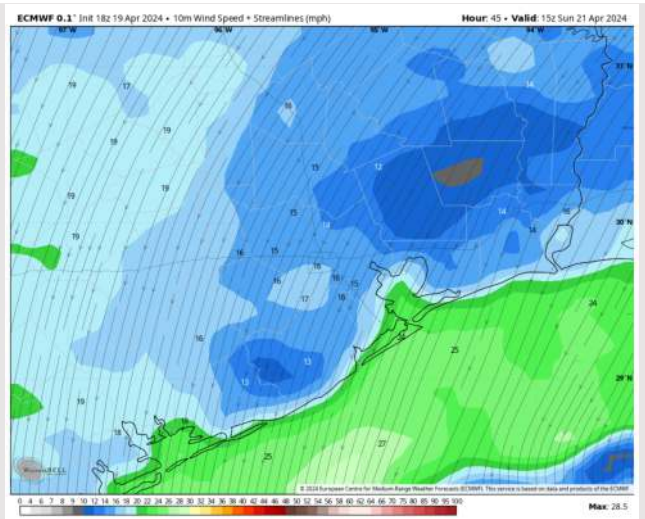
**High Temps:** **N of Morgan's Point:** Upper 60s - Near 70 F **S of Morgan's Point:** Upper 60s - Near 70 F.

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

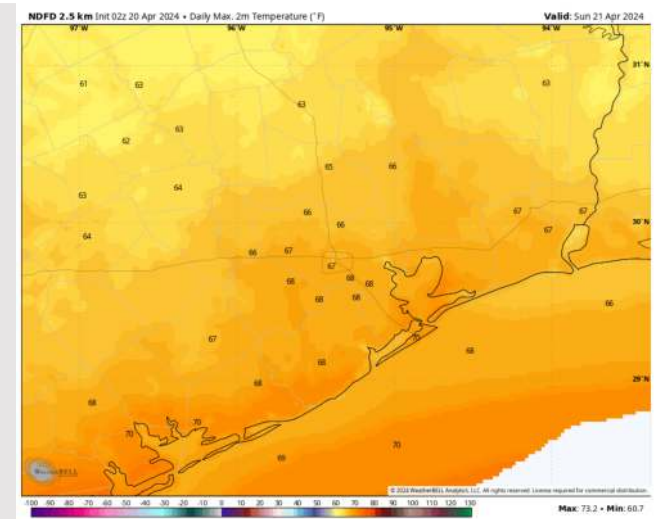
## Precip Image: 7 AM CT



Wind Speed:  
10 AM CT



High Temps  
Sunday



## Forecast Discussion

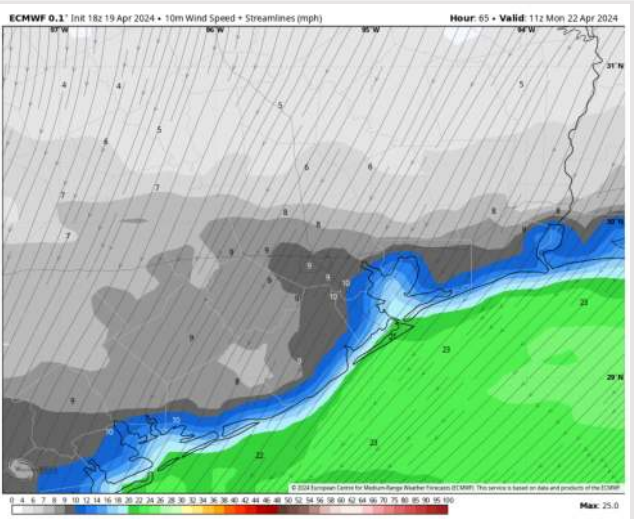
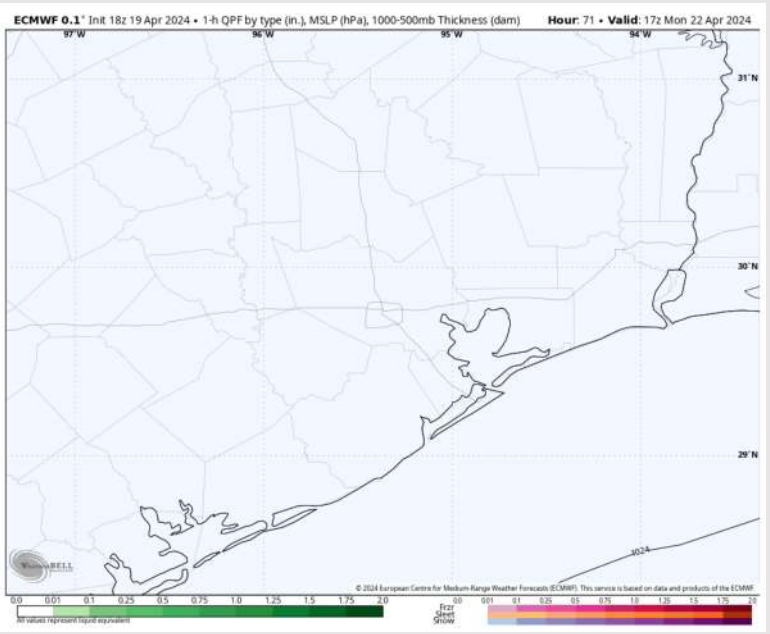
**Precip:** Favoring dry conditions for Monday.

**Wind:** Winds out of the NE begin a gradual clockwise shift at 9 AM, settling out of the SE by 7 PM. **N of Morgan's Point:** Winds at 4-9 kts throughout Monday. **S of Morgan's Point:** Winds at 14 – 19 kts through 9 AM. After this time, wind speeds will gradually decrease over time, settling at 7-12 kts by 7 PM. **Wind gusts of 25-30 mph possible S of Morgan's Point through 9 AM.**

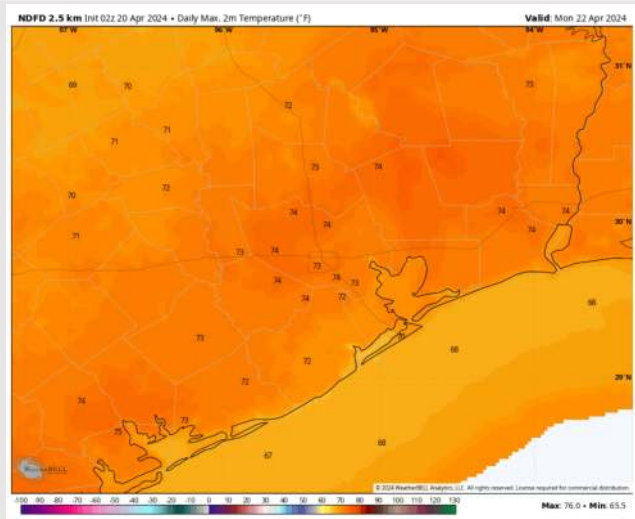
**High Temps:** **N of Morgan's Point:** Low 70s F **S of Morgan's Point:** Upper 60's-Near 70 F.

**Visibility:** Not anticipating any fog concerns for Monday.

## Precip Image: 12 PM CT



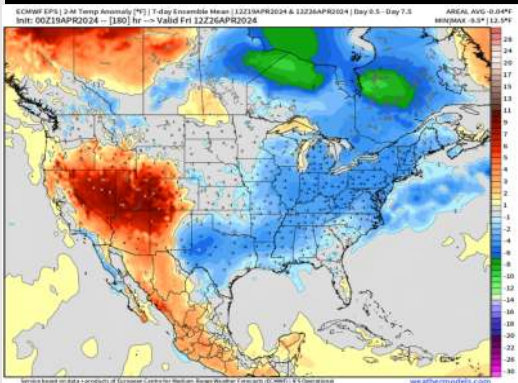
Wind Speed:  
6 AM CT



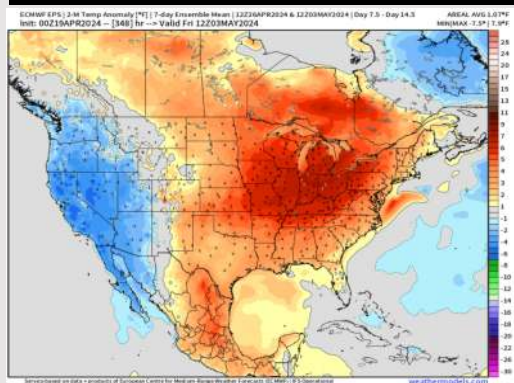
High Temps  
Monday

# Houston Pilots: 4/20/24

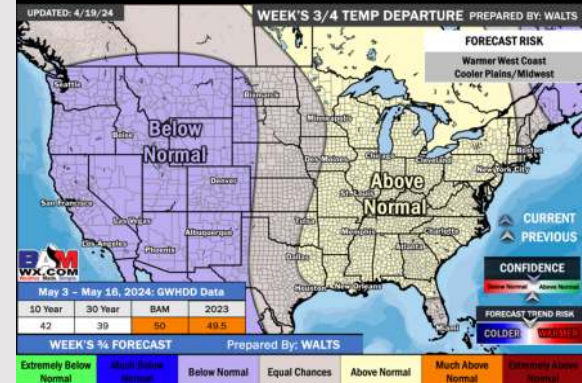
### Next 7 Day Temperature Departure



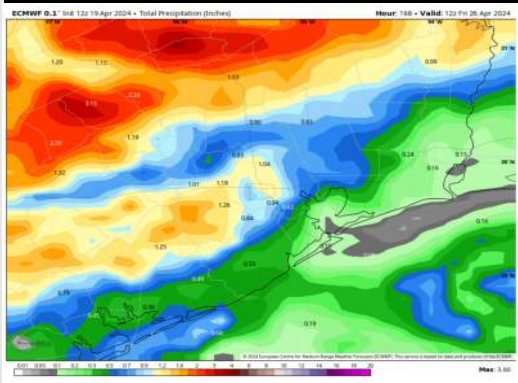
### 8-14 Day Temperature Departure



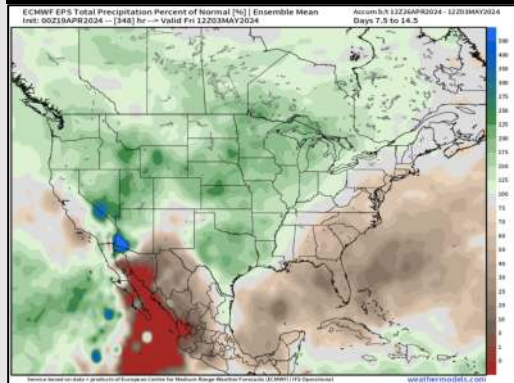
### 15-30 Day Temperature Departure



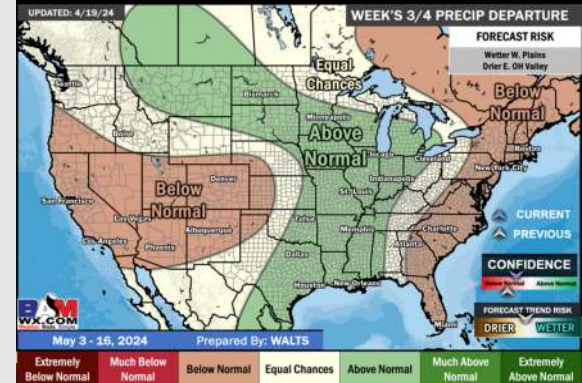
### Next 7 Day Total Precipitation



### 8-14 Day % of Average Precip.



### 15-30 Day % of Average Precip.



- Next best opportunity for rain will come late this PM/SUN AM. Temps are expected to be slightly below normal for the week 1 timeframe.
- Above normal precipitation chances are at play during the week 2 timeframe. Temps are expected to be above normal.
- Above normal chances for precipitation are favored in the weeks 3/4 timeframe. Temperatures expected to be near to slightly above normal for the weeks 3 and 4 timeframe.