

# Houston Pilots Forecast Package



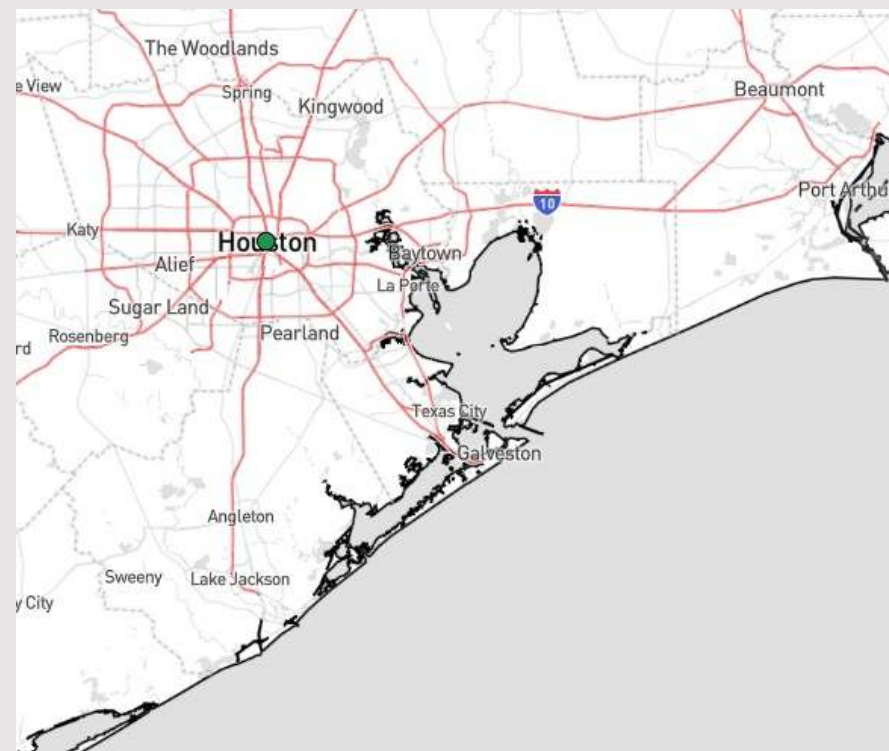
Updated: 11:05 PM CT

Monday, April 8, 2024

Forecaster: Jonathan Kipper

## Weather Headlines

- A more active pattern works across the area over the next few days.
- **Monitoring a low-end sea fog risk for this morning. Check visibility slide for more information!**
- Winds will become elevated once again starting this afternoon and continuing over the next few days



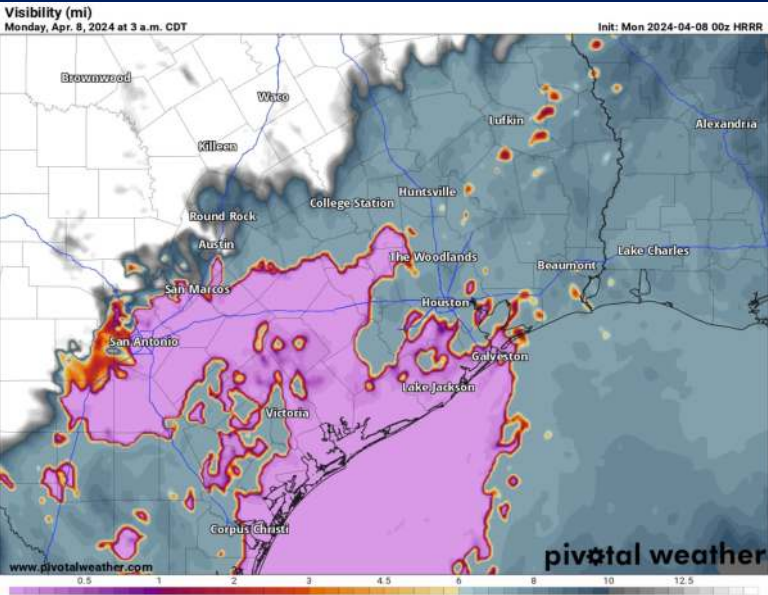
**Current Radar: 11:00 PM CT**



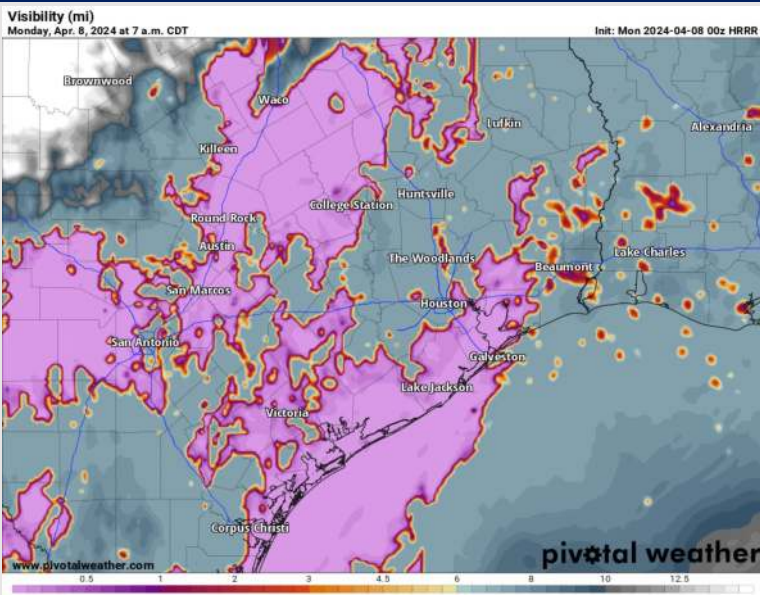
As always, please do not hesitate to reach out to us with any forecast questions via the chat option on Clarity or our on-call number, **(317)-560-8122** press 1 for forecast questions.

# Houston Pilots Visibility Report

## 3 AM CDT MON VISIBILITY



## 7 AM CDT MON VISIBILITY



## Confidence

Above  
Normal

Below  
Normal

### TIMEFRAME DISCUSSED

1 AM – 10 AM MON

### THREAT

Low

- Beginning at 1AM MON conditions are marginally favorable for sea fog development, mainly near the boarding station. Favoring any fog that is able to develop to be patchier in nature with 2–4 miles of visibility for stations S of Morgan’s Point. Localized pockets of 1-2 miles will be possible however better coverage is favored to remain W of Stations
- Alongside the fog, light showers/mist will also help contribute to lowering visibility. This threat can drift more N and impact all Stations S of Morgan’s Point. These showers can also linger through 12PM MON. Any location impacted by this precip can expect brief visibility drops to 3-5 miles.
- Favoring the sea fog S of Stations 11/12 to begin to dissipate after 10AM, showers/mist can linger throughout the remainder of the morning/early afternoon once sea fog has dissipated.

# Houston Pilots Extended Range Visibility Report



Thursday 4/11/24

Fog not favored for THU.

## Forecast Confidence



Saturday 4/13/24

Fog not favored for FRI.

## Forecast Confidence



Friday 4/12/24

Fog not favored for FRI.

## Forecast Confidence



## Chance for Fog

Thursday AM	Unlikely
Thursday PM	Unlikely
Friday AM	Unlikely
Friday PM	Unlikely
Saturday AM	Unlikely
Saturday PM	Unlikely

# Houston Pilots Visibility Chart (miles)



Time	Sun 11pm	Mon 12am	Mon 1am	Mon 2am	Mon 3am	Mon 4am	Mon 5am	Mon 6am	Mon 7am	Mon 8am	Mon 9am	Mon 10am	Mon 11am	Mon 12pm	Mon 1pm	Mon 2pm	Mon 3pm	Mon 4pm	Mon 5pm	Mon 6pm	Mon 7pm	Mon 8pm	Mon 9pm	Mon 10pm
610 Bridge	5	4	4	4	4	3	3	3	3	3	3	3	3	4	4	5	5	5	5	6	5	5	5	4
Kinder 1	5	5	4	4	4	3	3	3	3	3	3	4	4	4	5	5	5	6	5	6	6	5	5	4
Greens Bayou	6	5	5	4	4	3	3	1	1	2	3	3	4	5	6	6	6	6	6	6	6	6	6	5
Shell Crude	7	6	5	4	4	3	2	1	1	2	2	4	4	6	6	6	6	6	6	7	6	6	6	5
Lynchburg Ferries	6	6	5	3	4	1	1	1	1	1	2	3	4	5	6	6	6	6	6	6	6	6	6	5
Exxon 3	9	6	5	2	3	1	1	1	1	1	1	3	4	6	6	6	6	6	6	7	6	6	6	6
Morgans Point	6	4	1	2	3	1	1	1	1	0.8	1	3	4	6	7	9	7	6	7	7	6	6	6	6
75/76	5	2	1	2	3	1	1	1	1	1	2	3	5	6	9	8	9	8	9	8	9	9	9	9
63/64	5	2	1	2	3	1	1	0.5	1	1	2	3	5	6	9	8	8	8	9	8	9	9	9	8
51/52	3	2	2	2	1	0.5	0.5	0.5	1	1	3	4	5	6	9	8	8	8	8	8	9	9	9	8
37/38	3	2	2	2	1	0.5	0.5	0.5	1	2	3	4	5	6	9	8	8	8	8	8	9	9	9	8
25/26	3	2	2	2	0.5	1	1	0.5	1	1	3	4	5	6	9	8	8	8	8	8	8	8	8	8
11/12	2	2	2	3	0.5	2	1	2	3	1	4	4	5	6	9	8	8	8	8	8	8	8	8	8
1 & 2 Bravo	2	2	3	3	3	3	1	4	3	3	4	5	5	6	6	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



**Example**

Sustained wind 13 Knots  
Gusts 18 Knots  
Wind from the N

WS: 13  
G:18  
N

Time Knots	Sun 11pm	Mon 12am	Mon 1am	Mon 2am	Mon 3am	Mon 4am	Mon 5am	Mon 6am	Mon 7am	Mon 8am	Mon 9am	Mon 10am	Mon 11am	Mon 12pm	Mon 1pm	Mon 2pm	Mon 3pm	Mon 4pm	Mon 5pm	Mon 6pm	Mon 7pm	Mon 8pm	Mon 9pm	Mon 10pm
610 Bridge	6	5	5	4	4	3	3	3	3	4	5	6	8	9	11	12	11	12	13	14	15	15	16	17
	12	11	11	8	8	6	5	6	7	8	9	13	14	18	21	23	23	24	26	28	30	31	32	35
	SSE	SSE	SSE	SSE	SSE	SE	SE	ESE	ESE	ESE	ESE	SE	SE	SSE	SSE	SSE	SE	SE	SE	SE	SE	SSE	SSE	
Kinder 1	6	5	5	5	4	3	3	3	3	4	5	6	8	9	11	11	11	12	13	14	15	15	16	17
	12	11	11	9	8	6	5	6	7	8	9	13	14	18	21	23	23	24	26	28	30	31	32	35
	SSE	SSE	SSE	SSE	SSE	SE	SE	ESE	ESE	ESE	ESE	SE	SE	SSE	SSE	SSE	SSE	SE	SE	SE	SE	SSE	SSE	
Greens Bayou	6	5	5	5	3	3	3	3	4	4	5	6	8	9	10	11	11	11	13	14	14	15	15	17
	12	11	11	9	7	6	5	6	7	7	9	12	14	17	21	22	22	23	25	28	29	31	31	35
	SSE	SSE	SSE	SSE	SSE	SE	SE	ESE	ESE	ESE	SE	SE	SE	SSE	SSE	SE	SSE	SE	SE	SE	SE	SE	SSE	
Shell Crude	5	5	5	4	3	3	3	3	4	4	5	6	8	9	10	11	11	12	13	14	14	15	15	17
	11	11	11	8	7	6	5	6	8	7	9	13	14	17	21	22	22	23	25	28	29	31	30	36
	SSE	SSE	S	SSE	SSE	SE	SE	ESE	ESE	SE	SE	SE	SE	SSE	SSE	SSE	SE	SE	SE	SE	SE	SE	SE	SSE
Lynchburg Ferries	5	5	5	4	3	3	3	3	4	4	5	6	8	9	11	11	12	13	13	13	14	15	16	19
	11	11	11	8	7	6	5	6	7	7	10	13	15	17	20	22	22	23	25	27	29	30	32	38
	SSE	SSE	S	SSE	SSE	SE	SE	ESE	SE	SE	SE	SE	SSE	SSE	SSE	SSE	SSE	SE	SE	SE	SE	SSE	SSE	
Exxon 3	7	7	6	5	4	4	5	5	5	6	7	7	9	11	11	12	13	14	15	15	17	17	18	19
	13	13	12	10	8	8	6	7	9	9	11	13	16	18	20	22	22	24	25	27	30	31	32	37
	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SE	SE	SE	SE	SE	SSE	SSE	SSE	SE	SE	SE	SE	SE	SE	SE	SE	SSE
Morgans Point	7	7	6	5	4	4	5	5	5	5	6	7	9	11	11	12	13	14	15	15	15	17	17	17
	13	13	12	10	8	7	7	8	9	9	11	13	16	17	20	22	23	24	25	27	29	32	31	34
	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SE	SE	SE	SE	SE	SSE	SSE	SSE	SSE	SE	SE	SE	SE	SE	SE	SE	SSE
75/76	10	10	9	8	6	6	7	7	8	8	9	11	11	13	13	14	16	17	18	19	20	21	22	22
	14	14	13	12	9	8	11	11	12	12	13	15	16	20	21	23	26	27	28	28	30	32	32	33
	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SE	SSE	SE	SSE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SSE
63/64	9	9	9	8	6	6	7	7	8	8	9	10	11	12	13	14	16	16	17	19	19	21	21	22
	13	14	13	12	9	9	10	11	12	12	13	15	17	20	21	23	26	27	26	28	29	31	31	32
	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SE	SSE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SSE
51/52	9	9	9	7	6	6	7	7	7	8	9	10	11	12	13	14	15	15	16	17	19	20	21	21
	13	13	13	11	9	9	10	10	11	12	13	15	18	20	21	23	24	25	25	26	28	30	30	31
	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SE	SE	SE	SE	SE	SE	SE	SE	SE
37/38	9	9	9	7	6	6	6	7	7	8	9	10	11	12	13	14	14	14	15	17	18	19	20	20
	13	13	13	11	9	9	9	10	10	12	13	15	18	20	21	23	24	24	25	25	27	30	30	31
	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SE	SSE	SE	SE	SE	SE	SE	SE	SE	SE	SE
25/26	8	8	8	7	6	6	6	7	7	8	9	9	11	13	13	14	15	15	15	17	17	19	19	19
	13	12	12	10	9	9	9	10	10	12	14	15	16	19	21	23	22	23	25	24	27	29	30	31
	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE
11/12	7	7	7	7	5	5	5	6	7	7	9	9	11	13	13	13	14	14	14	15	16	17	17	18
	12	11	11	11	9	9	9	9	10	12	13	14	16	18	20	20	20	22	23	23	26	29	29	30
	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SE	SE	SE	SE	SE	SE	SE	SE	SE
1 & 2 Bravo	9	10	9	9	8	8	8	9	9	9	10	11	12	12	13	13	13	15	16	17	17	19	19	20
	14	14	13	13	13	12	12	13	13	13	14	16	18	18	19	20	20	22	24	28	27	30	31	34
	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE

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# Houston Pilots: Mon. 4/8/2024

## Forecast Discussion

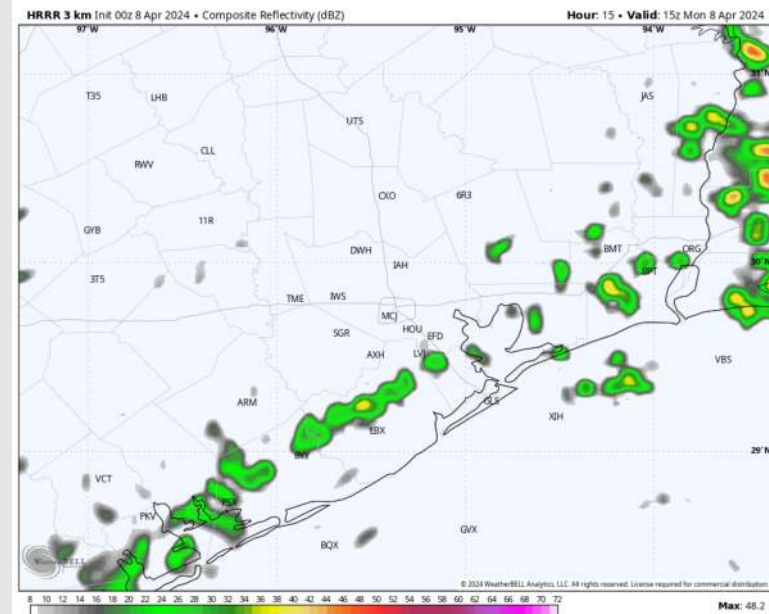
**Precip:** Scattered showers and storms will work into the area 4 - 5 AM MON morning and continue through 4 PM before chances move to the North (light lingering showers can hang around through 9 PM). **Main risk will be lightning, hail, and wind gusts of 35-45 kts under strongest storms**

**Wind:** Winds out of the S/SE throughout MON. **N Morgan's Point:** Winds at 4-9kts through 1 PM before increasing to 10-15 kts the rest of the day. **S of Morgan's Point:** Winds at 10-15 kts through 4 PM before increasing to 15-20 kts, then another increase to 20-25 kts by 8 PM. **Wind gusts 30-35 kts possible at all stations after 4 PM, with stronger gusts of 35-45 kts under the strongest storms.**

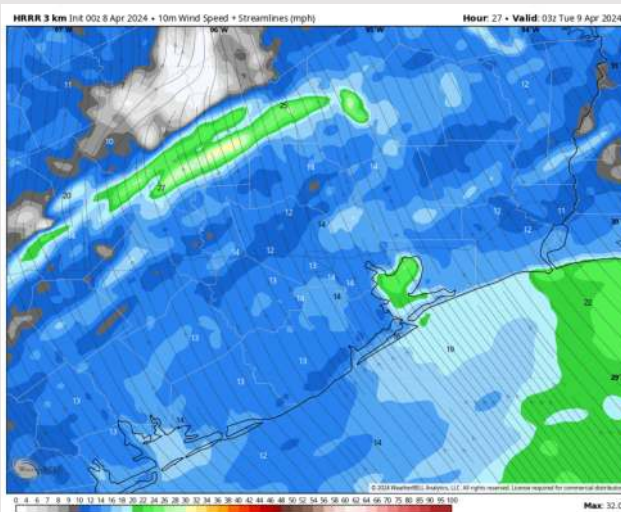
**High Temps:** **N of Morgan's Point:** Low 80s/Upper 70s F. **S of Morgan's Point:** Mid 70s F

**Visibility:** Low-end fog potential is possible beginning at 2AM MON **check visibility slide for more info**, and reduced visibilities of 2-4 miles may be possible under strongest cells/heavier rain.

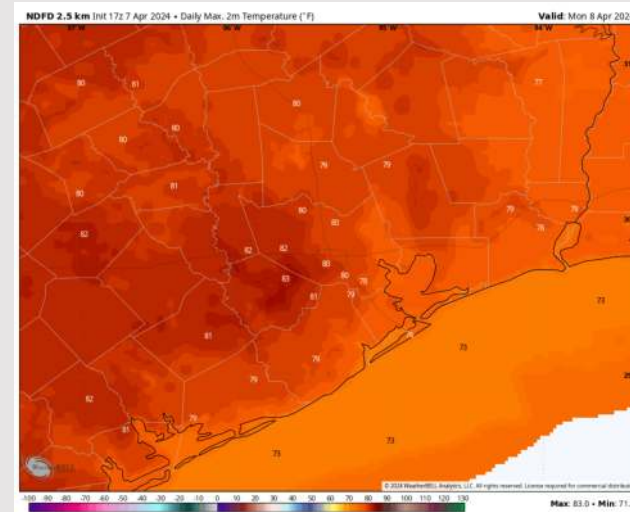
## Precip Image: 10 AM CT



Wind Speed  
10 PM CT



High Temps  
Today





# Houston Pilots: Tue. 4/9/2024

## Forecast Discussion

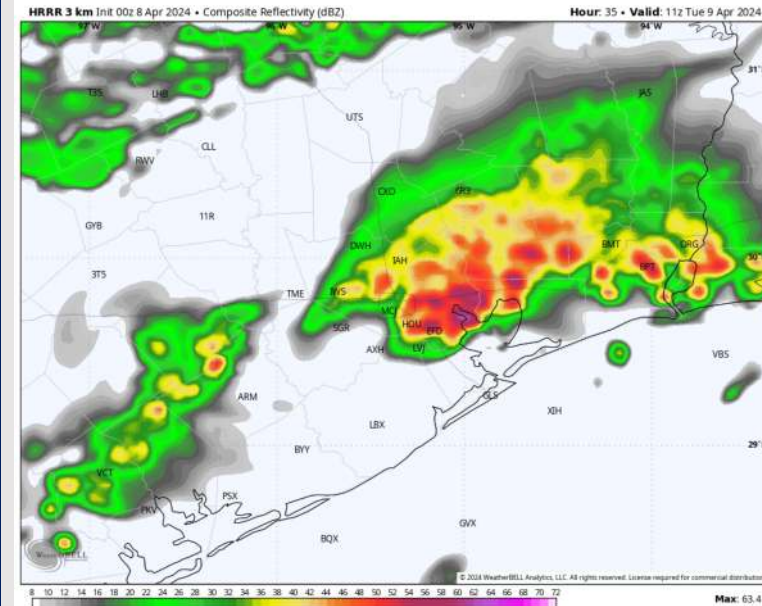
**Precip:** Majority of rain chances expected to remain just to the North of all Stations, however Stations can see scattered light showers at any time after 2 AM. Best chances of showers between 4 AM through 11 AM TUE.

**Wind:** Winds will be out of the SE throughout Tuesday. **N Morgan's Point:** Winds at 7-12 kts through 8 AM, increasing to 12-17 kts through 7 PM, before winds return to 7-12 kts. **S of Morgan's Point:** Winds at 18-23 kts through 2 PM outside of a decrease to 14-19 kts from 2-6 PM. **Wind gusts of 30 - 35kts for Stations S of Morgan's Point throughout the day, and for Stations N between 9 AM - 6 PM.**

**High Temps:** **N of Morgan's Point:** Upper 70s F. **S of Morgan's Point:** Mid 70s F.

**Visibility:** No fog concerns favored for Tuesday with elevated winds

## Precip Image: 6 AM CT



## Forecast Discussion

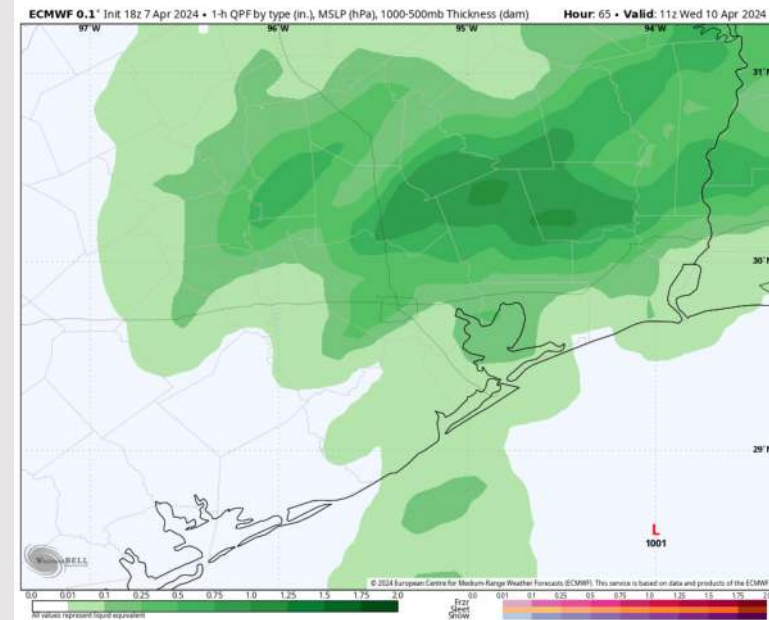
**Precip:** Scattered showers and storms will continue to move through the area during the AM hours WED. After ~11 AM CT WED, chances for light rain become hit/miss as better risks remain to the N/E

**Wind:** Winds will be out of the SE to begin before gradually veering clockwise throughout the day. Winds will be out of the SW ~7 AM CT, the W ~12 PM CT, and eventually settling out of the NW by ~8 PM CT. **N of Morgan's Point:** Winds at 9-14 kts through 4 PM before increasing to 12-17 kts the rest of the day **S of Morgan's Point:** Winds at 19-24 kts through 9 AM before decreasing to 12-17 kts. Winds increase again to 18-23 kts after 6 PM. **Wind gusts of 22-27 kts through 5 PM at all stations with increased gusts of 30-35 kts after 5 PM S of Morgan's Point.**

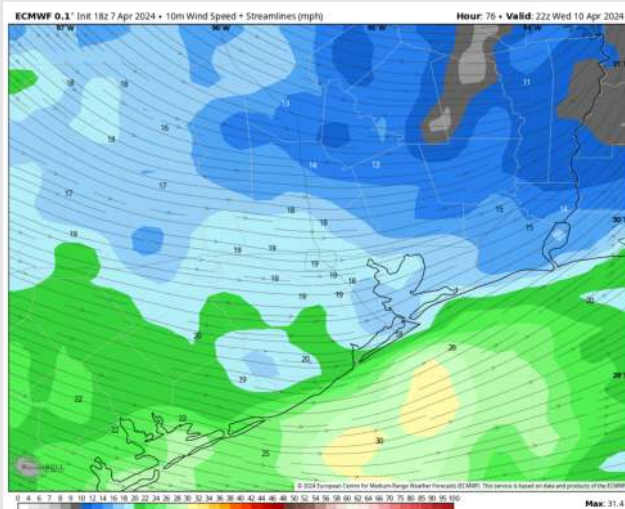
**High Temps:** **N of Morgan's Point:** Upper 70s F **S of Morgan's Point:** Mid 70s F

**Visibility:** No fog concerns at this time, however monitoring for risk of heavier storms producing reduced visibilities WED AM.

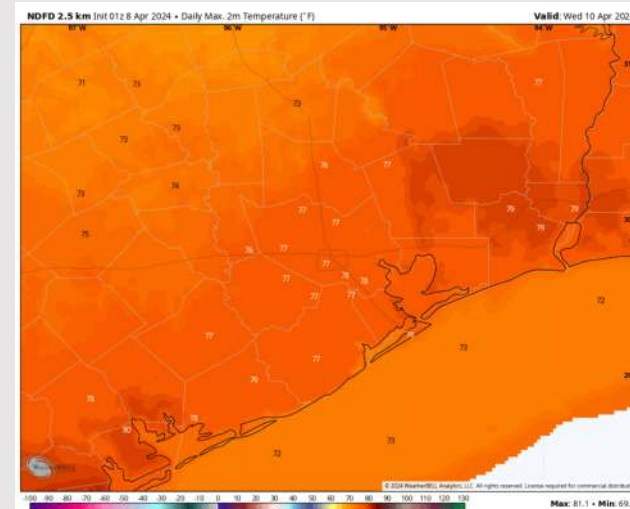
## Precip Image: 6 AM CT



**Wind Speed:**  
5 PM CT



**High Temps**  
**Wednesday**





GCMWF EPS 2-M Temp Anomaly [°F] (7-day Ensemble Mean) (00Z03APR2024 & 00Z15APR2024) (Day 1 - Day 6)  
 http://00Z03APR2024 - [192] for -- Valid Mon 00Z15APR2024

ARL02\_00Z\_2\_MPR  
 WMO0000-4-0° [10.24]

24  
 20  
 16  
 12  
 8  
 4  
 0  
 -4  
 -8  
 -12  
 -16  
 -20  
 -24

Source based on ERA-5 products of European Centre for Medium-Range Weather Forecasts (ECMWF) 2.5 degree

www.eothermodels.com

ECMWF EPS | 24h Temp Anomaly [°F] | 7-day Ensemble Mean | 00Z15APR2024 & 00Z22APR2024 | Day 7.5 - Day 14.5  
 Init: 12Z07APR2024 - [348] hr -> Valid Mon 00Z22APR2024  
 AREF: AVG 1.53  
 RMSE: 4.1° [10.3]

Source based on 500-mb products of European Centre for Medium-Range Weather Forecasts. © 2024 by Weather.com

www.weather.com

UPDATED: 4/5/24

WEEK'S 3/4 TEMP DEPARTURE PREPARED BY: WALTS

FORECAST RISK  
Cooler Ohio Valley  
Warmer W. US

Current  
Previous

CONFIDENCE  
High Medium

FORECAST TREND RISK  
COLDER WARMER

April 19 - May 2, 2024 Prepared by: HINZ/WALTS

Extremely Below Normal  
Below Normal  
Equal Chances  
Above Normal  
Much Above Normal  
Extremely Above Normal

UPDATED: 4/5/24

WEEK'S 3/4 PRECIP DEPARTURE

FORECAST RISK  
Drier C/S, Flooding (D/N/DR)  
Wetter ND/MW/MI

Above Normal

Below Normal

Much Above Normal

Seattle, San Francisco, Los Angeles, Phoenix, Salt Lake City, Denver, Chicago, St. Louis, Kansas City, Dallas, Houston, New Orleans, Atlanta, Miami, New York

CURRENT  
PREVIOUS

CONFIDENCE  
Below Normal Above Normal

FORECAST TREND RISK  
DRIER WETTER

April 19 – May 2, 2024 Prepared By: WALTS

Extremely Below Normal Much Below Normal Below Normal Equal Chances Above Normal Much Above Normal Extremely Above Normal

- A more active pattern continues through WED. Temps are expected to be above normal for the week 1 timeframe.
- Slightly above normal precipitation chances are at play during the week 2 timeframe. Temps are expected to be above normal
- Much above normal chances for precipitation are favored in the weeks 3/4 timeframe. Temperatures expected to be below normal.