

# Houston Pilots Forecast Package

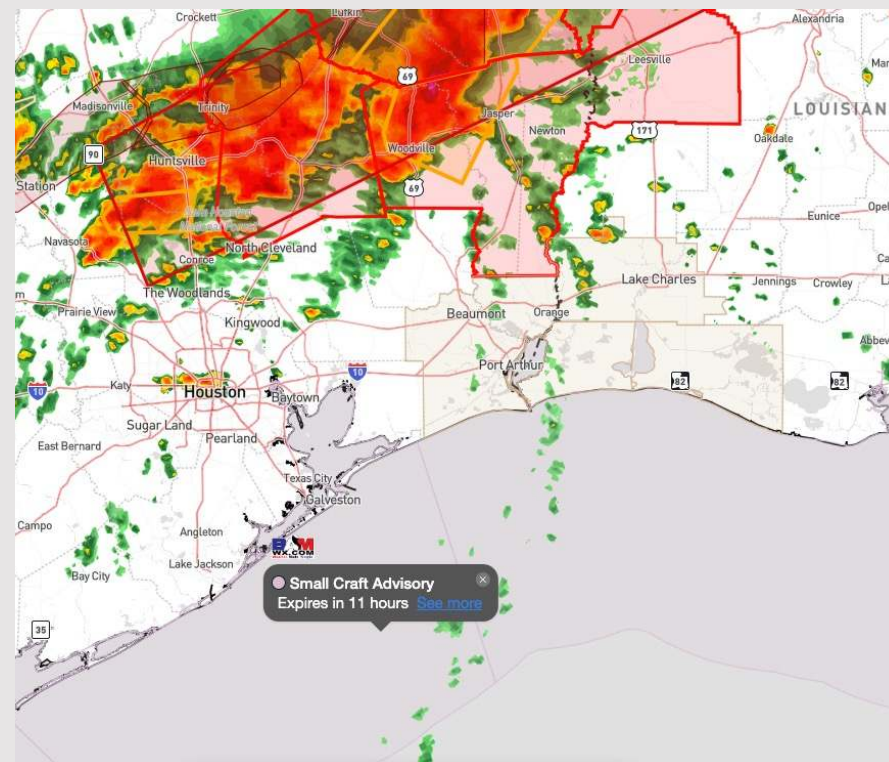


Updated: 11:30 PM CT  
Sunday, April 28, 2024

Forecaster: Jonathan Kipper

## Weather Headlines

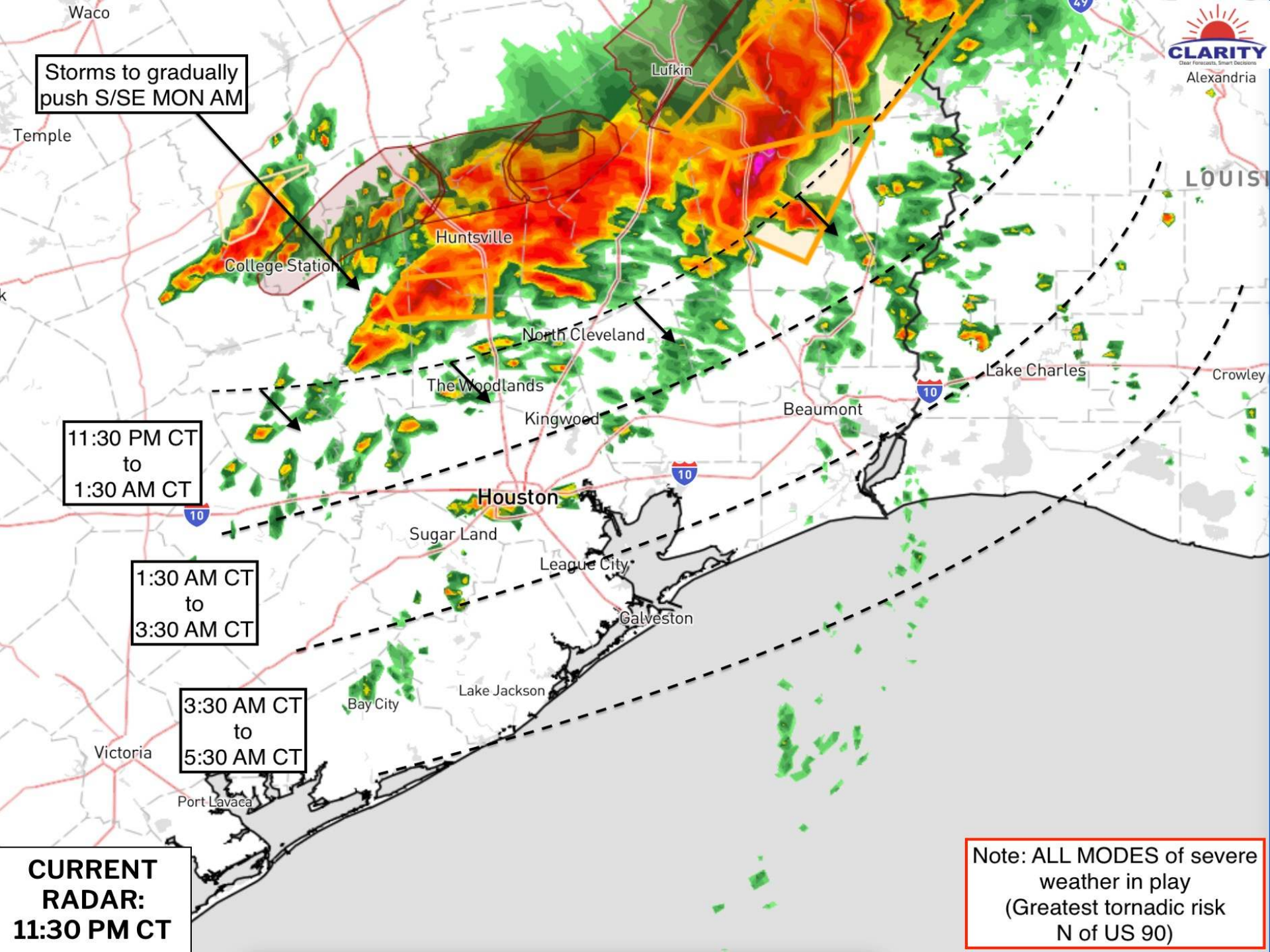
- Anticipating multiple periods of showers and storms to be in play throughout the next few days. **(Details on current storms MON AM on next slide)**
- Outside of a low end risk TUE AM, not anticipating any fog concerns the next few days.
- Anticipating wind to die down getting into this afternoon
- **Wave heights of ~6 ft will continue through this morning, gradually decreasing starting late this morning.**



**Current Radar: 11:30 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.



Storms to gradually push S/SE MON AM



11:30 PM CT  
to  
1:30 AM CT

1:30 AM CT  
to  
3:30 AM CT

3:30 AM CT  
to  
5:30 AM CT

**CURRENT  
RADAR:  
11:30 PM CT**

Note: ALL MODES of severe weather in play  
(Greatest tornadic risk N of US 90)

# Houston Pilots Wave Height Update



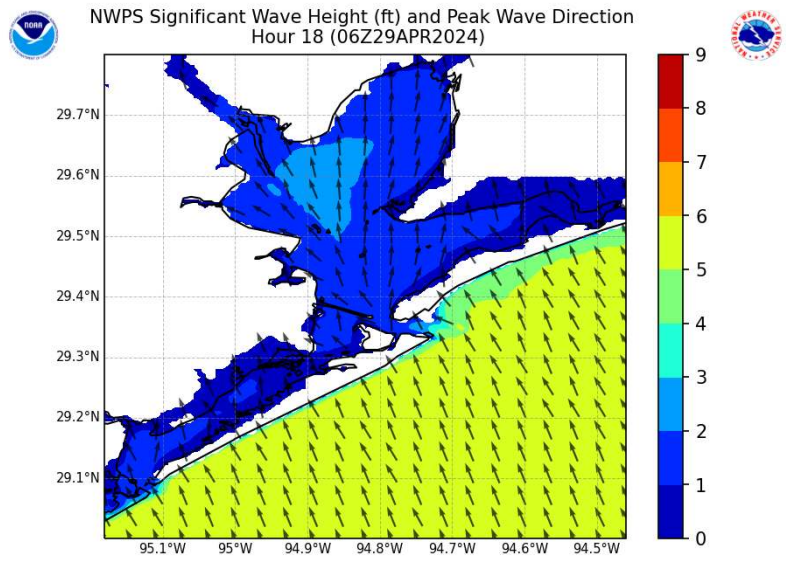
Port Condition	34 KTS+ Sustained Winds	6 Foot Waves	Time Remaining/Trigger End
Victor	N/A	N/A	N/A
Whiskey	N/A	N/A	N/A
X-Ray	NO	N/A	N/A
Yankee	NO	N/A	N/A
Zulu	NO	IN EFFECT	10 AM CT MON

Port Condition	Trigger Definition	Trigger Reached?
Victor	Hurricane entering/developing in Gulf of Mexico that's a threat to the area	No
Whiskey	72 hours prior to predicted sustained winds of 34+ KTS	No
X-Ray	48 hours prior to predicted sustained winds of 34+ KTS or 6' wave height	No
Yankee	24 hours prior to predicted sustained winds of 34+ KTS or 6' wave height	No
Zulu	12 hours prior to predicted sustained winds of 34+ KTS or 6' wave height	Yes

Wave heights ~6 ft towards Station 11/12 and the Boarding Station will continue at/around 6 ft through 10 AM CT MON when heights are expected to drop below 6 ft for good.

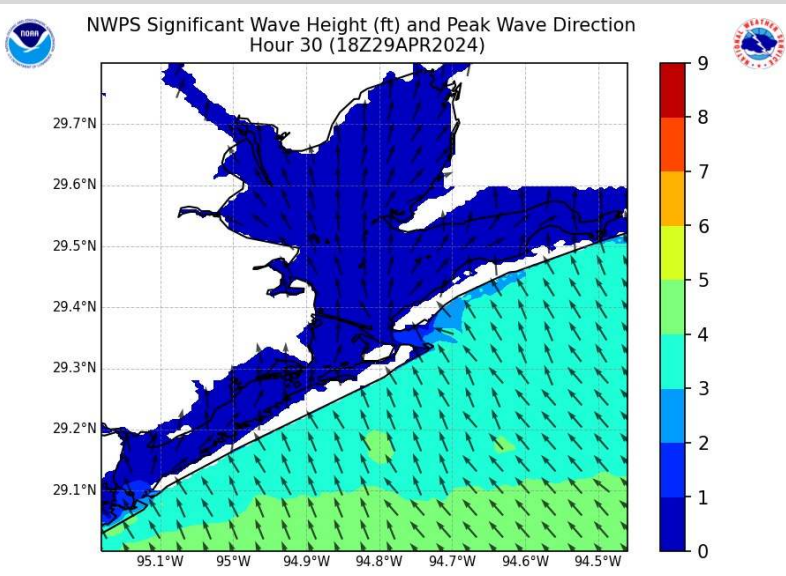
# Houston Pilots Wave Height Update

## Significant Wave Height Image



CURRENT

Wave heights are around 6 ft for Station 11/12 and the Boarding Station. They will continue to gradually decrease throughout the day MON



1 PM CT MON

Seeing wave heights decrease below 6 ft for good ~10 AM CT MON and below 4 ft by MON evening.

# Houston Pilots Extended Range Visibility Report



Thursday 5/2/24

Fog not favored for THU.

## Forecast Confidence



Saturday 5/4/24

Fog not favored for SAT.

## Forecast Confidence



Friday 5/3/24

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	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	Mon 11pm
610 Bridge	4	4	3	3	3	4	4	3	3	4	4	4	4	5	5	5	6	6	6	6	6	8	6	6
Kinder 1	4	4	3	3	3	4	4	3	3	4	4	4	4	5	5	5	6	6	6	6	6	6	6	5
Greens Bayou	4	4	3	3	3	4	4	3	3	3	4	4	4	5	4	5	5	5	5	5	5	6	6	4
Shell Crude	4	4	3	3	3	4	4	3	3	3	4	4	4	4	4	4	4	5	5	5	5	6	5	4
Lynchburg Ferries	4	4	3	3	3	3	4	3	3	3	4	4	4	5	5	5	5	5	5	5	5	6	6	4
Exxon 3	4	4	3	3	3	3	4	3	3	3	4	3	4	4	4	4	4	5	5	5	5	6	5	4
Morgans Point	4	4	3	3	3	3	4	3	3	3	4	3	4	4	4	4	4	5	5	5	4	6	5	4
75/76	4	4	3	3	3	4	4	3	3	4	4	4	5	6	9	8	7	7	8	6	5	7	2	0.2
63/64	4	4	4	4	3	4	4	3	3	4	4	4	5	6	9	8	6	6	8	6	4	7	1	0.2
51/52	4	4	4	5	3	3	4	4	3	3	4	4	6	6	8	7	4	1	6	4	4	6	0.5	0.2
37/38	4	4	4	5	3	3	4	4	3	3	4	4	6	6	7	6	1	0.7	5	4	4	6	0.2	0.2
25/26	5	5	5	5	4	3	5	4	3	3	5	5	6	6	5	4	0.7	0.2	2	2	4	5	0.2	0.2
11/12	5	4	5	5	4	3	5	4	2	3	4	5	6	6	2	0.7	0.2	0.2	0.5	1	2	4	0.2	0.2
1 & 2 Bravo	4	4	4	5	4	3	3	3	2	3	4	4	5	6	0.2	0.2	0.2	0.2	0.2	0.2	0.2	1	0.2	0.2

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	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	Mon 11pm
610 Bridge	13	11	11	9	11	8	7	6	5	5	5	5	5	5	5	5	5	5	6	6	5	5	5	5
	26	22	23	19	21	16	14	13	11	9	10	10	10	9	9	9	9	9	10	10	10	10	10	9
	SSE	S	S	S	S	S	S	SSE	S	SSW	SW	N	SSE	ENE	NE	E	E	E	E	ESE	ESE	SE	SE	SE
Kinder 1	13	11	11	9	11	8	7	6	5	4	5	5	5	5	5	5	5	5	6	5	5	5	5	5
	26	22	23	19	21	17	14	13	11	9	11	10	10	10	9	10	9	9	10	10	10	9	10	9
	SSE	S	S	S	S	S	S	SSE	S	S	WSW	N	SSE	E	NE	E	E	E	E	ESE	ESE	SE	SE	SE
Greens Bayou	13	12	12	11	11	9	7	7	6	5	5	5	5	5	5	5	5	5	5	5	5	5	5	4
	27	24	24	21	21	18	15	13	12	9	11	11	10	9	9	10	9	9	10	10	10	9	10	8
	SSE	SSE	S	S	S	S	S	SSE	SSW	SSW	W	N	S	E	ENE	E	E	ESE	ESE	ESE	SE	SE	SE	SE
Shell Crude	13	12	13	11	11	9	7	7	6	5	5	5	5	5	5	5	5	5	5	6	5	5	5	5
	26	24	25	21	21	18	15	14	13	10	10	10	9	9	9	10	9	9	10	11	10	9	10	9
	SSE	SSE	S	S	S	S	S	SSE	SSW	SSW	WSW	NE	S	E	NE	ESE	ESE	ESE	ESE	ESE	SE	SE	SE	SE
Lynchburg Ferries	13	12	13	11	11	9	7	7	6	5	5	5	5	5	5	5	5	5	5	5	5	5	5	4
	25	24	25	21	22	17	14	14	13	10	12	12	10	9	9	10	10	9	10	10	10	9	9	9
	SSE	SSE	S	S	S	S	S	SSE	SSW	SSW	NNW	S	SSW	SSE	S	SE	ESE	ESE	ESE	ESE	SE	SE	SE	SE
Exxon 3	16	14	13	13	13	11	9	9	7	6	6	6	5	5	5	5	7	7	7	7	7	7	7	7
	27	25	26	23	22	19	17	15	13	11	12	12	11	10	11	11	12	12	12	12	11	10	11	10
	SSE	SSE	S	S	S	S	S	S	SSW	SSW	SSE	S	S	S	S	SSE	SE	SE	SE	SE	SE	SE	SE	SE
Morgans Point	16	15	14	13	13	11	9	9	7	6	5	6	5	5	5	6	7	7	7	7	7	7	7	7
	28	25	25	23	22	20	17	16	13	12	11	12	11	10	11	11	12	12	12	12	11	10	11	10
	SSE	SSE	S	S	S	S	S	S	SSW	SW	SSE	SSE	S	SSE	SSE	SSE	SE	SE	SE	SE	SE	SE	SE	SE
75/76	21	20	17	17	17	15	14	13	10	9	8	7	7	7	7	8	9	10	11	11	10	10	9	10
	30	29	28	29	25	22	20	18	15	13	13	13	13	13	15	15	14	16	15	16	15	15	13	14
	SSE	SSE	S	S	S	S	S	S	S	SSW	SSW	SSE	SSE	SE	SSE	SSE	SSE	SE	SE	SE	SE	SE	SE	SE
63/64	21	19	18	18	17	15	14	12	11	11	8	8	7	7	7	7	9	9	9	10	9	9	9	9
	30	29	27	30	26	21	21	18	15	15	12	13	14	14	15	15	14	16	15	15	14	14	13	13
	SSE	SSE	S	S	SSW	S	S	S	S	SW	SSW	SE	SSE	SE	SSE	SE	SSE	SE	SE	SE	SE	SE	SE	SE
51/52	21	19	19	19	19	14	14	12	11	10	9	8	7	7	7	7	7	8	9	9	9	8	8	9
	30	28	27	28	28	21	21	18	16	14	13	14	14	14	15	14	14	14	13	13	13	12	12	13
	SSE	SSE	SSE	S	SSW	S	S	S	S	SSW	SSW	SSE	SSE	SE	SE	SE	SSE	SSE	SE	SE	SE	SE	SE	SE
37/38	21	19	18	19	18	15	15	12	11	9	9	8	7	7	7	7	8	8	9	9	9	8	7	9
	30	27	27	28	26	22	21	19	17	15	14	14	14	14	15	14	13	13	13	13	13	11	11	13
	SSE	SSE	SSE	S	S	S	S	S	S	SSW	SSW	S	SE	SE	SE	SE	SSE	SSE	SE	SE	SE	SE	SE	SE
25/26	20	17	17	17	17	15	13	12	11	11	9	8	8	8	7	7	8	8	8	9	7	7	7	8
	29	26	26	25	25	22	21	19	18	16	14	14	15	14	14	14	14	13	12	12	11	11	11	12
	SSE	SSE	SSE	S	S	S	S	S	S	S	SSW	S	SSE	SE	SSE	SE	SSE	SSE	SE	SE	SE	SE	SE	SSE
11/12	17	16	16	15	15	13	11	11	10	9	9	8	8	8	8	7	8	7	7	7	6	7	6	7
	28	26	24	24	25	21	21	19	18	16	14	14	14	14	15	13	12	12	11	11	11	10	11	11
	SSE	SSE	SSE	S	S	S	S	S	S	S	SSW	S	S	SE	SE	SSE	SE	SE	SE	SE	SE	SE	SE	SE
1 & 2 Bravo	20	19	18	17	16	16	15	14	13	11	11	9	10	8	7	7	8	8	9	9	9	9	9	9
	30	29	28	27	25	24	24	22	22	19	17	15	15	14	14	12	13	13	13	13	13	13	13	13
	SSE	SSE	SSE	SSE	S	SSE	S	S	S	S	S	S	SE	SSE	SE	SSE	SSE	SE	SE	SE	SE	SE	SE	SE

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# Houston Pilots: Mon. 4/29/2024

## Forecast Discussion

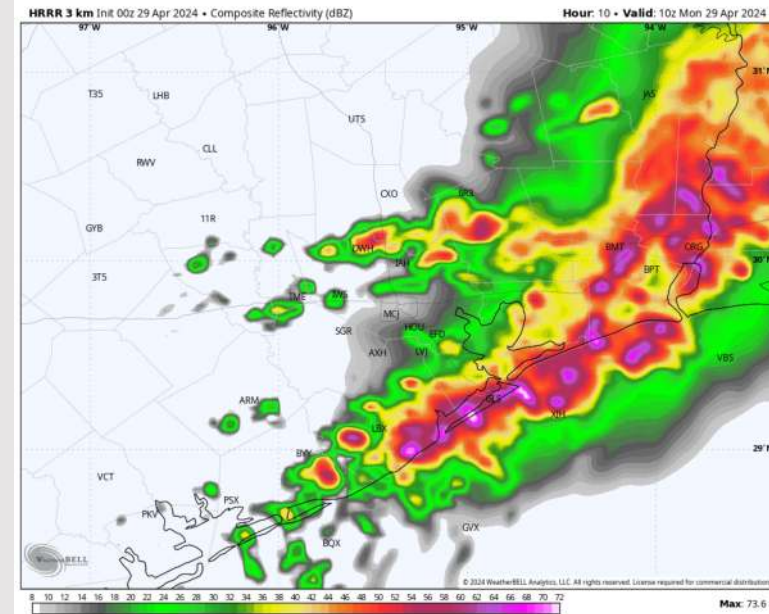
**Precip:** Scattered showers/storms will continue to push through the area this morning through 10 AM CT before becoming more hit/miss. Dry conditions favored after 2 PM CT **Risks with storms will be lightning, hail and 40-50 kts through 7 AM CT today.**

**Wind:** Favoring wind to continue out of the S/SE through 7 AM, becoming variable after that time. Winds settle out of the SE again by 8 PM. **N of Morgan's Point:** Winds at 8-13 kts through 5 AM, decreasing to 4-9 kts after that time. **S of Morgan's Point:** Winds at 23-28 kts quickly decrease to 7-12 kts by 10 AM. **Non storm wind gusts of 35-40 kts possible for Stations S of Morgan's Point through 7 AM.**

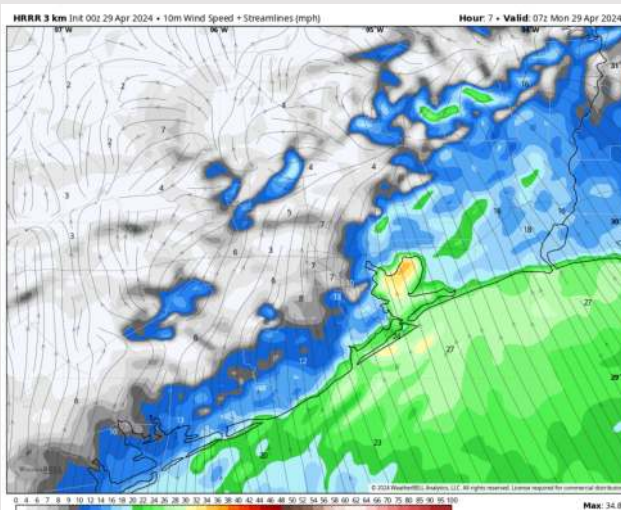
**High Temps:** **N of Morgan's Point:** Mid 80s F. **S of Morgan's Point:** Upper 70s - Near 80 F.

**Visibility:** Not anticipating any fog concerns for Monday once again due to high winds. Visibilities can be reduced to less than 1 mile under the heaviest of downpours.

## Precip Image: 5 AM CT



Wind Speed  
2 AM CT



High Temps  
Today



# Houston Pilots: Tue. 4/30/2024

## Forecast Discussion

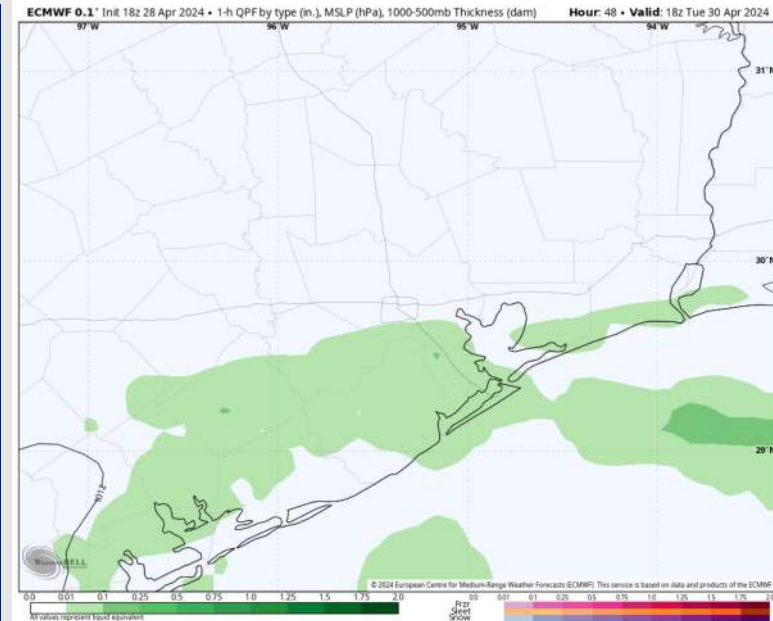
**Precip:** Scattered showers and a few storms possible from 11 AM - 5 PM TUE with dry conditions favored outside of this timeframe.

**Wind:** Winds will be out of the SE throughout the day TUE. **N of Morgan's Point:** Winds at 4-9 kts throughout day. **S of Morgan's Point:** Winds will be at 6-11 kts throughout the entire day TUE.

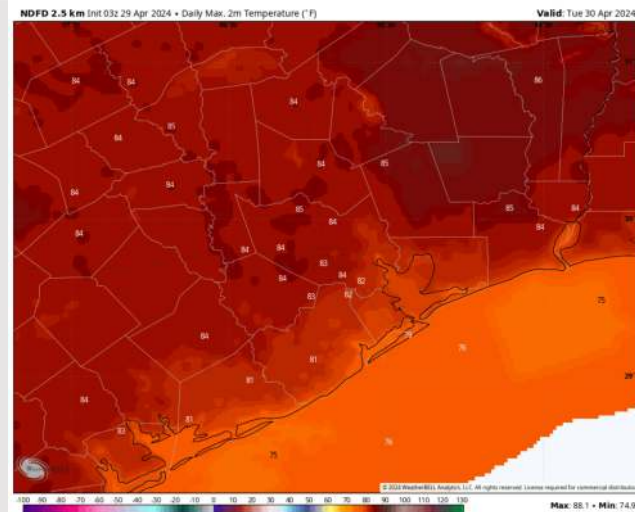
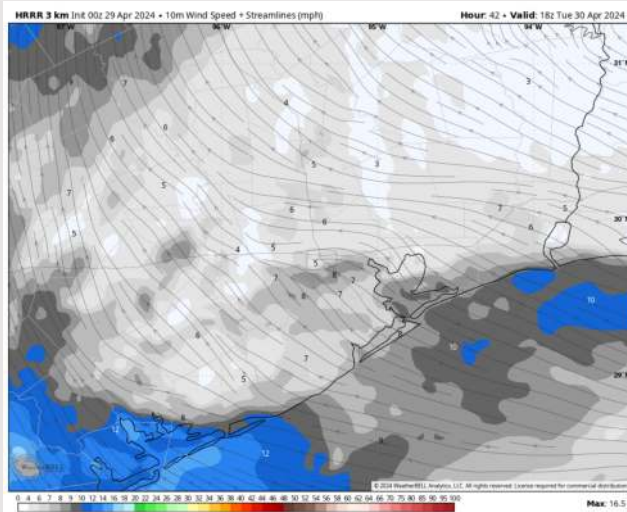
**High Temps:** **N of Morgan's Point:** Mid 80s F **S of Morgan's Point:** Upper 70s-Near 80 F.

**Visibility:** A low end fog risk for TUE AM, however favoring coverage to remain north of stations at this time.

## Precip Image: 2 PM CT



**Wind Speed:**  
1 PM CT



**High Temps**  
**Tuesday**

# Houston Pilots: Wed. 5/1/2024

## Forecast Discussion

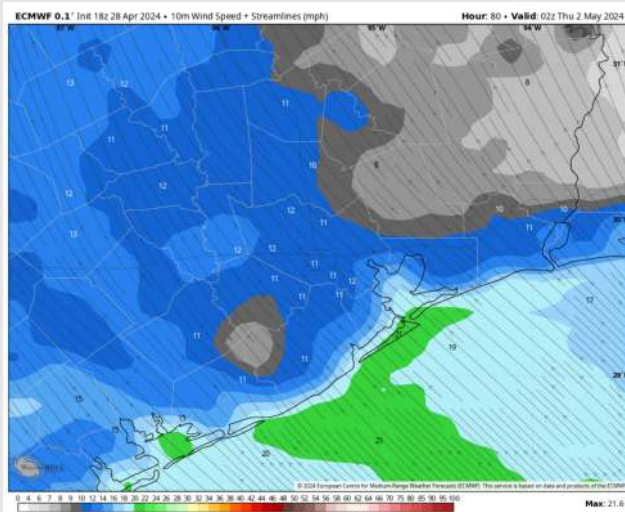
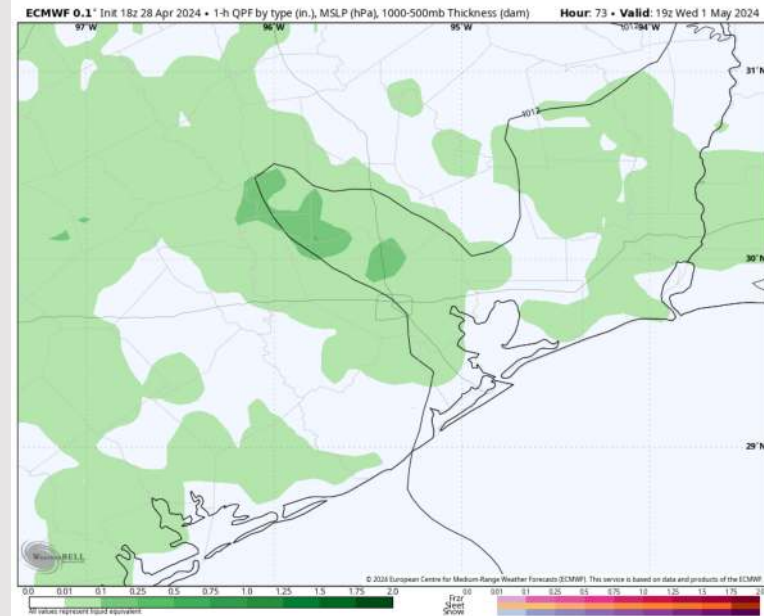
**Precip:** Scattered showers and a few storms will be possible during the PM hours on WED.

**Wind:** Winds out of SE throughout today. **N of Morgan's Point:** Winds at 4-9 kts through 9 AM before increasing to 8-13 kts the rest of the day. **S of Morgan's Point:** Winds at 9-14 kts through 9 PM before increasing to 14-19 kts the rest of the evening

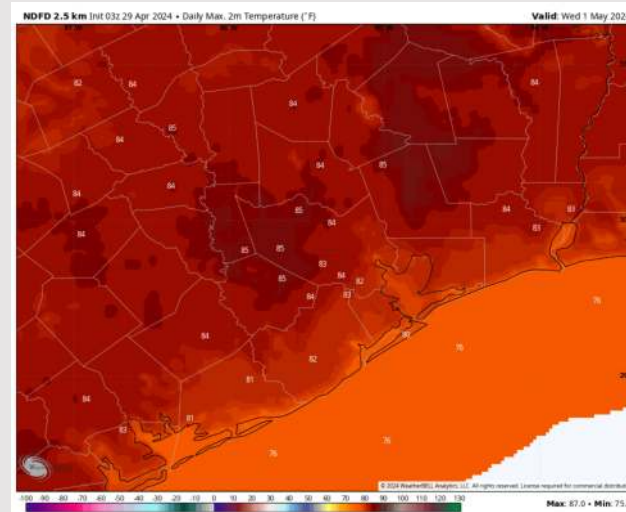
**High Temps:** **N of Morgan's Point:** Low 80s F **S of Morgan's Point:** Upper 70's F.

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

## Precip Image: 2 PM CT



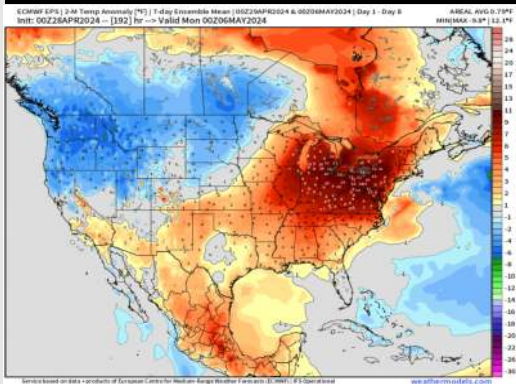
Wind Speed:  
9 PM CT



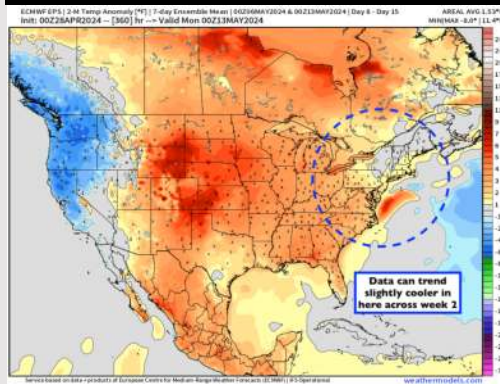
High Temps  
Wednesday

# Houston Pilots: 4/28/24

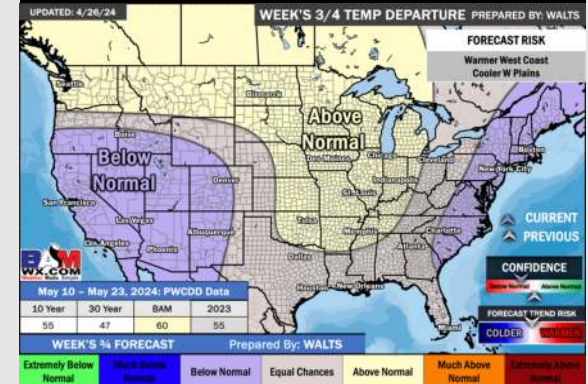
## Next 7 Day Temperature Departure



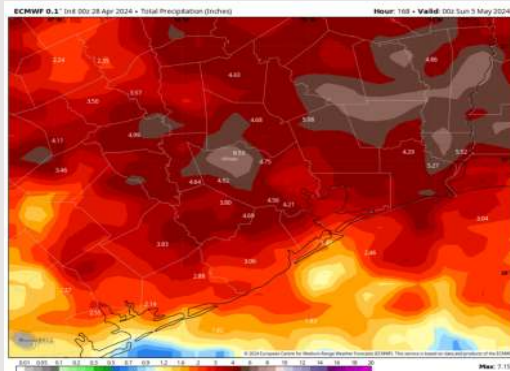
## 8-14 Day Temperature Departure



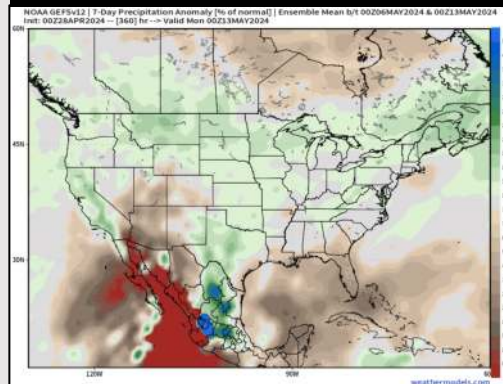
## 15-30 Day Temperature Departure



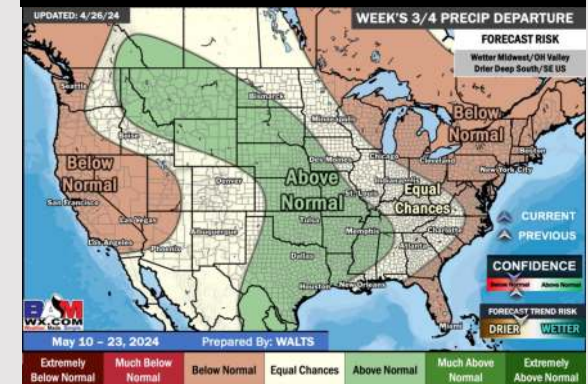
## Next 7 Day Total Precipitation



## 8-14 Day % of Average Precip.



## 15-30 Day % of Average Precip.



- Rain opportunities will continue across the area to start the week. Temps are expected to be above normal for the week 1 timeframe.
- Slightly below normal precipitation chances are at play during the week 2 timeframe, however risk would be to trend to be more seasonal. Temps are expected to be slightly above normal.
- Above normal chances for precipitation are favored in the weeks <sup>3</sup>/<sub>4</sub> timeframe. Temperatures expected to be near normal for the weeks 3 and 4 timeframe.