

Houston Pilots Forecast Package

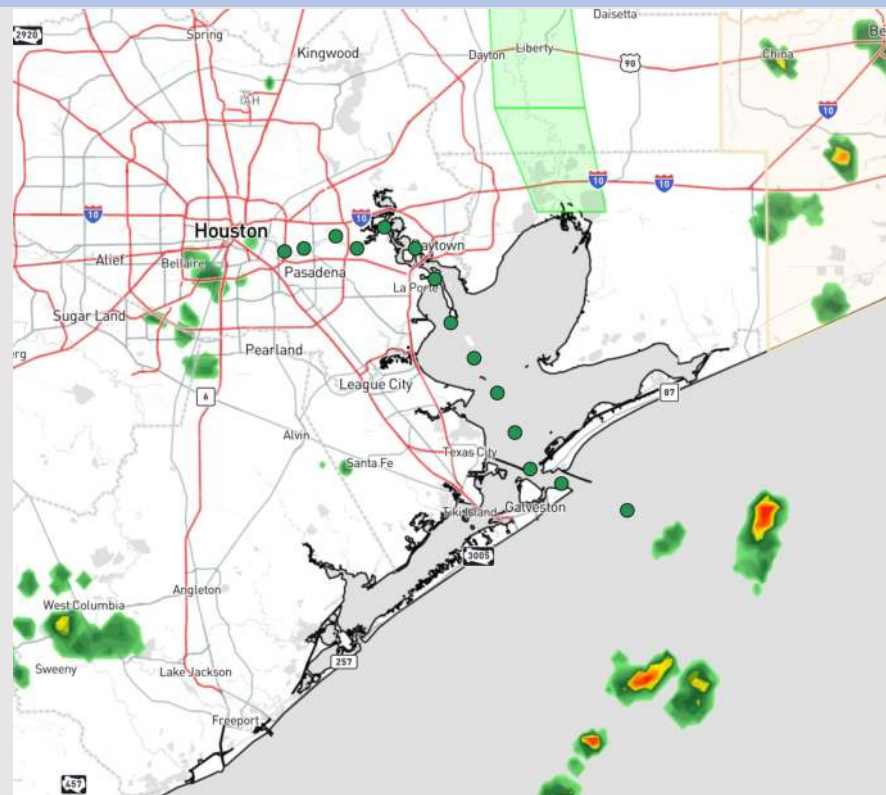


Updated: 2:00 PM CT
Monday, June 10, 2024

Forecaster: Alyssa Elliott

Weather Headlines

- Winds to remain relatively calm throughout the next few days with a couple isolated gusts near 20-30 kts under sporadic storms.
- Expecting sporadic showers and storms to hang around the Houston/Galveston area the next few days.
- **Updated Hurricane Season Outlook included below!!**



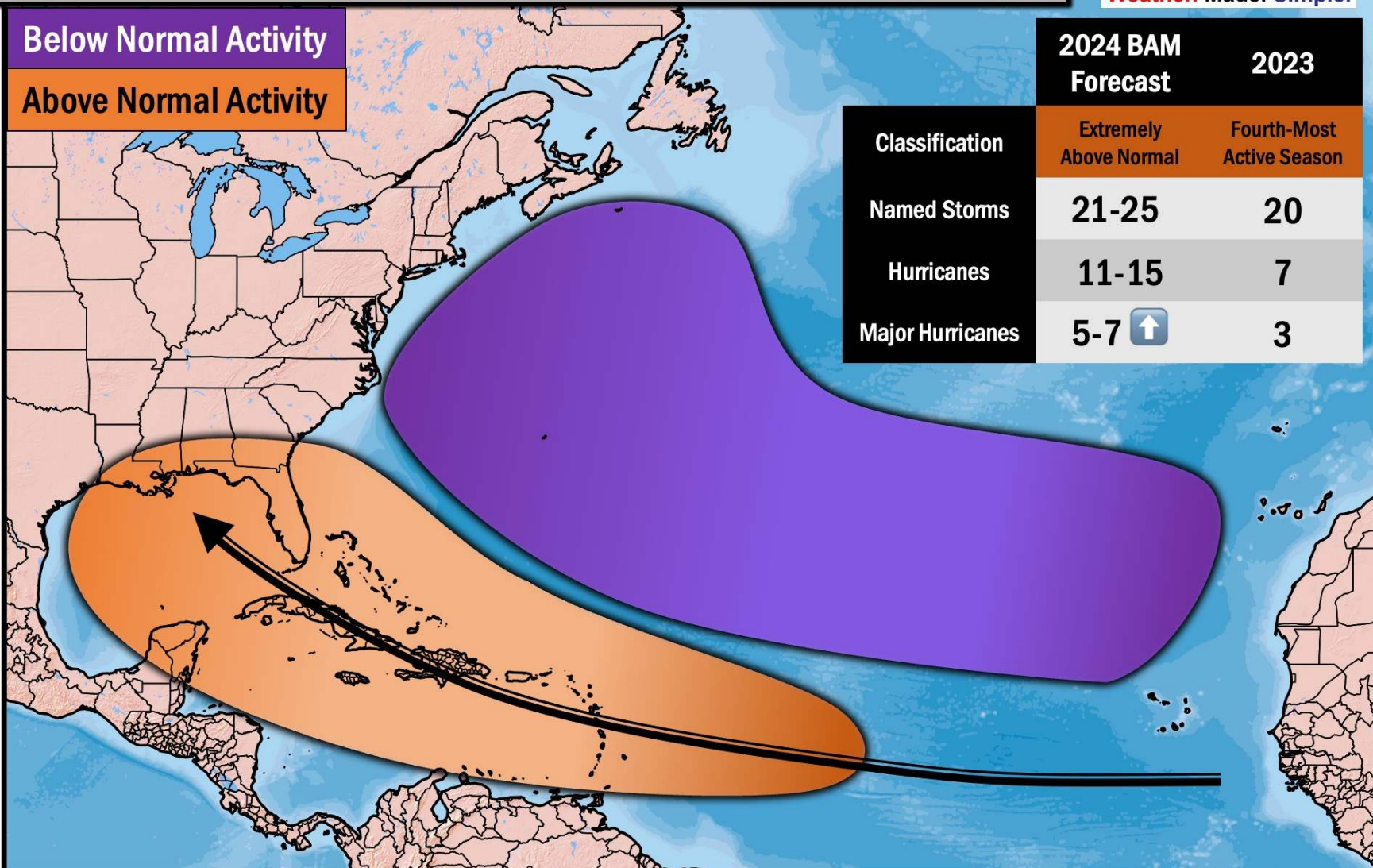
As always, please do not hesitate to reach out to us with any forecast questions via the chat option on Clarity or our on-call number, **(317)-560-8122** press **1** for forecast questions.

2024 HURRICANE SEASON OUTLOOK



Below Normal Activity

Above Normal Activity



2024 BAM
Forecast

2023

Classification

Extremely
Above Normal

Fourth-Most
Active Season

Named Storms

21-25

20

Hurricanes

11-15

7

Major Hurricanes

5-7

3

Updated: June 7, 2024

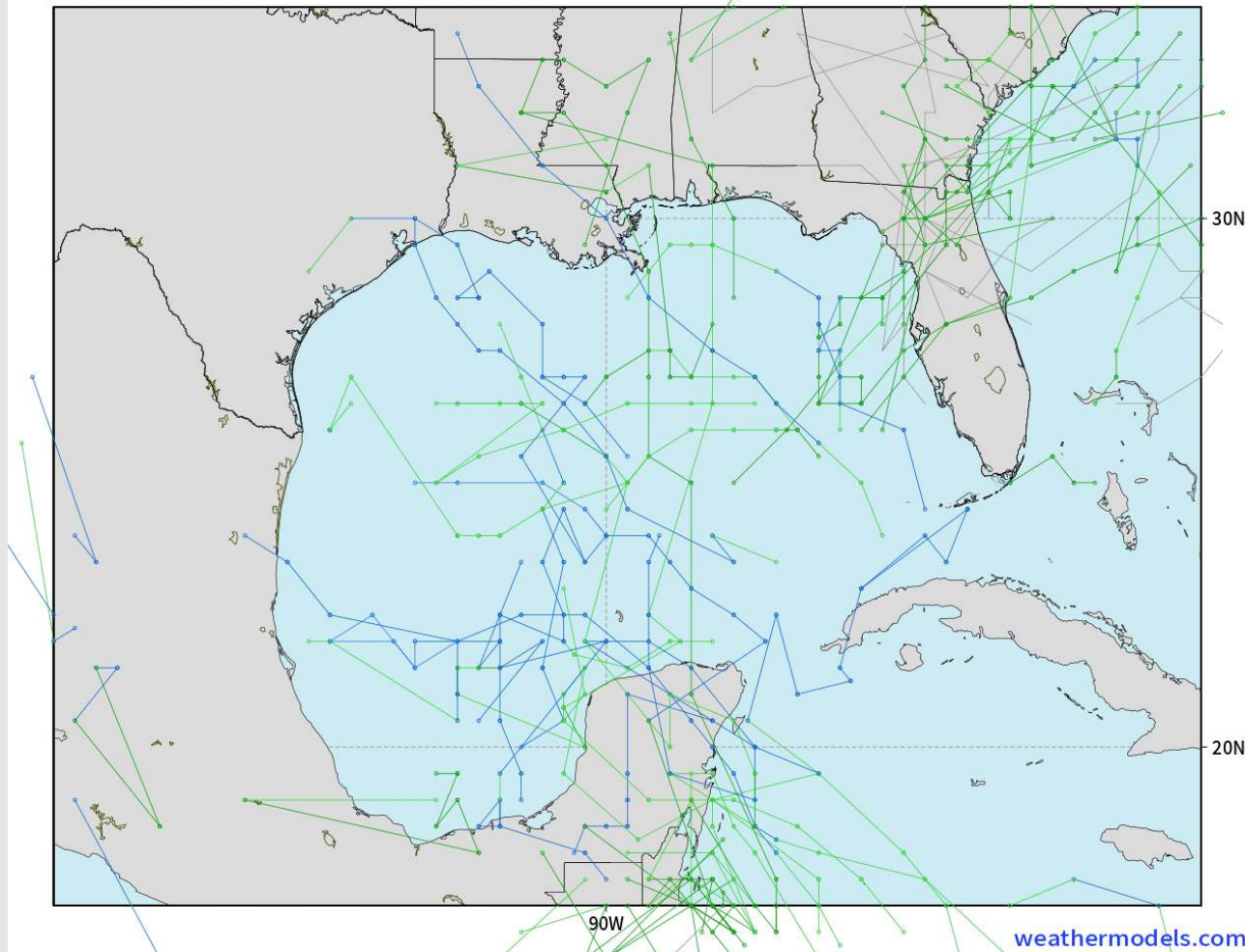
PREPARED BY: XANDER LOWRY

Houston Pilots Tropical Update

American Model Next 10 Days - Tropical Tracks

NOAA GFSv12 | All Ensemble Cyclones +240 Hours
INIT: 06Z10JUN2024 --> UNTIL 06Z20JUN2024

o-o > 1010 hPa
o-o 1000 - 1010 hPa
o-o 980 - 999 hPa
o-o 960 - 979 hPa
o-o 950 - 959 hPa
o-o < 950 hPa



Monitoring low-end potential for a disorganized area of low pressure to work NE across the E Gulf of Mexico from 6/14- 6/17.

As of MON PM, impacts are not favored for the Houston Area.

Houston Pilots Visibility Chart (miles)



Forecast Confidence



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

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	Mon 2pm	Mon 3pm	Mon 4pm	Mon 5pm	Mon 6pm	Mon 7pm	Mon 8pm	Mon 9pm	Mon 10pm	Mon 11pm	Tue 12am	Tue 1am	Tue 2am	Tue 3am	Tue 4am	Tue 5am	Tue 6am	Tue 7am	Tue 8am	Tue 9am	Tue 10am	Tue 11am	Tue 12pm	Tue 1pm
610 Bridge	4	4	5	5	5	5	4	3	3	2	1	1	1	1	1	1	2	2	3	3	3	3	4	4
	8	9	10	9	9	8	7	6	5	5	4	4	4	4	4	5	6	6	6	6	7	7	8	9
	E	ESE	ESE	ESE	ESE	ESE	SE	SE	SE	ESE	ESE	SE	ESE	ENE	ENE	ENE	NE	NE	ENE	ENE	E	E	E	E
Kinder 1	4	5	5	5	5	5	4	3	3	2	1	1	1	1	1	1	2	2	3	3	3	3	4	4
	8	9	10	9	8	8	7	6	5	4	4	4	4	4	4	5	5	6	6	6	7	7	9	9
	E	ESE	ESE	ESE	ESE	ESE	SE	SE	SE	ESE	SE	SE	ESE	ENE	ENE	ENE	NE	NE	ENE	ENE	E	E	E	E
Greens Bayou	4	5	5	5	5	4	3	3	2	1	1	1	1	1	1	1	2	2	2	3	3	3	4	5
	8	9	9	8	8	8	6	6	5	4	4	4	4	4	4	5	5	6	6	6	7	7	8	9
	ESE	ESE	ESE	ESE	ESE	ESE	SE	SE	SE	ESE	SE	E	E	NE	ENE	ENE	NE	NE	ENE	ENE	E	E	E	ESE
Shell Crude	4	5	5	5	5	4	3	3	2	1	1	1	1	1	1	1	2	2	3	3	3	3	4	5
	8	9	9	9	8	8	6	6	5	4	4	4	4	4	4	5	5	6	6	6	7	7	8	9
	SE	ESE	ESE	ESE	ESE	ESE	SE	SE	SE	ESE	SE	ESE	E	NE	NE	NE	NE	NE	ENE	NE	ENE	E	E	E
Lynchburg Ferries	3	4	5	5	4	4	3	3	2	1	1	1	1	1	1	1	2	2	2	3	3	3	3	4
	8	9	9	9	8	8	6	6	4	4	4	4	4	4	4	4	5	6	6	6	7	7	9	9
	SE	ESE	ESE	ESE	SE	SE	SE	SE	ESE	E	E	ENE	ENE	NE	NE	NE	NNE	ENE	NE	ENE	E	E	E	ESE
Exxon 3	5	5	6	6	6	6	5	5	4	3	3	3	3	3	3	3	4	4	4	4	5	5	5	5
	9	10	11	10	9	9	8	6	6	5	5	4	5	5	6	6	6	7	7	7	8	8	9	9
	SE	SE	ESE	SE	SE	SE	SE	SE	ESE	ESE	E	E	ENE	ENE	ENE	NE	NE	ENE	ENE	E	ESE	E	ESE	ESE
Morgans Point	5	6	6	6	6	6	5	5	3	3	3	3	3	3	3	3	3	4	4	4	5	5	5	5
	9	10	11	10	9	9	7	6	6	5	5	5	5	5	6	6	6	7	7	7	8	8	9	10
	SE	ESE	ESE	SE	SE	SE	SSE	SE	SE	SE	ESE	ESE	ENE	NE	NE	NE	ENE	ENE	ENE	E	E	ESE	SE	SE
75/76	5	5	6	6	6	6	5	5	4	4	3	3	3	3	3	4	4	5	5	5	5	5	5	5
	9	10	11	10	9	9	8	7	6	6	6	5	6	6	6	6	6	7	8	7	8	9	10	10
	SE	ESE	ESE	ESE	SE	SE	SSE	SSE	SE	SE	ESE	SE	ESE	E	ENE	NE	ENE	ENE	ENE	E	E	E	E	SE
63/64	4	5	5	5	5	6	5	5	4	4	4	4	3	3	4	4	4	5	5	5	5	5	5	5
	8	9	10	9	9	9	8	7	6	6	6	5	6	6	6	6	6	7	8	7	8	8	9	9
	ESE	ESE	E	ESE	SE	SE	SE	SSE	SE	SE	SE	ESE	SE	ESE	ESE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	E	ESE
51/52	4	5	5	5	5	5	5	4	3	3	3	3	3	3	3	4	4	5	5	5	5	5	5	5
	8	9	10	9	8	8	7	6	6	6	6	5	6	6	6	6	6	7	7	7	8	8	10	9
	ESE	SE	ESE	SE	SE	SE	SSE	SSE	SE	SE	SE	ESE	SE	ESE	SE	ESE	E	E	ENE	ENE	ENE	E	ESE	ESE
37/38	4	5	5	5	5	5	5	4	4	3	3	3	3	3	3	4	4	5	5	5	5	5	5	5
	7	8	9	8	8	8	7	6	6	6	6	5	6	6	6	6	6	7	7	7	8	8	9	9
	ESE	ESE	SE	SE	SE	SE	SSE	SSE	SE	SE	SE	SE	SE	SE	ESE	ESE	E	E	E	E	ENE	E	ESE	ESE
25/26	4	5	5	5	5	5	5	4	4	3	3	3	3	3	3	3	4	4	4	5	5	5	5	6
	7	8	9	8	8	8	6	6	6	6	6	5	6	6	6	6	6	6	7	7	7	8	9	9
	ESE	ESE	SE	SE	SE	SE	SSE	SSE	SE	SE	SE	SE	SE	SE	SE	ESE	E	E	E	E	E	E	E	ESE
11/12	5	5	5	5	5	5	4	3	3	3	3	3	3	3	3	3	3	4	4	4	5	5	5	6
	7	8	8	8	8	7	6	6	6	6	6	5	6	6	6	6	6	6	7	7	7	8	9	9
	ESE	ESE	SE	SE	SE	SE	SSE	SSE	SE	SE	SE	SE	SE	SE	SE	ESE	E	E	ENE	E	E	E	E	ESE
1 & 2 Bravo	3	4	5	5	5	5	5	4	4	4	4	4	4	4	4	4	4	5	5	5	5	5	5	5
	6	7	7	8	8	7	6	6	6	6	6	6	6	6	6	6	6	7	7	7	8	8	9	8
	ESE	SE	SE	SE	SE	SE	SE	SSE	SE	SE	SE	SE	SE	SE	SE	SE	E	E	ENE	ENE	ENE	E	E	E

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Forecast Discussion

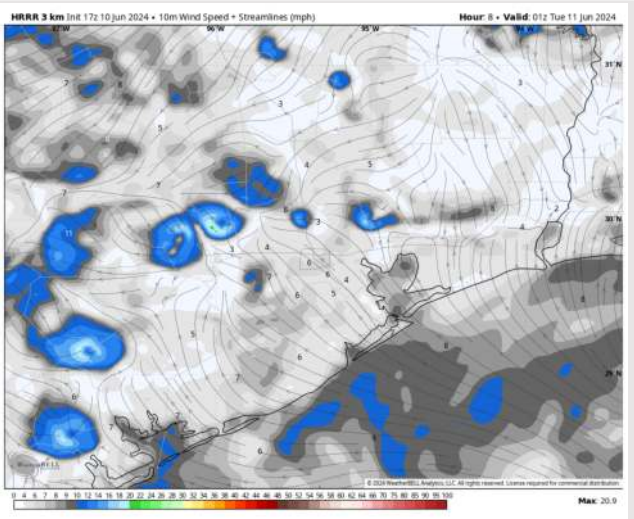
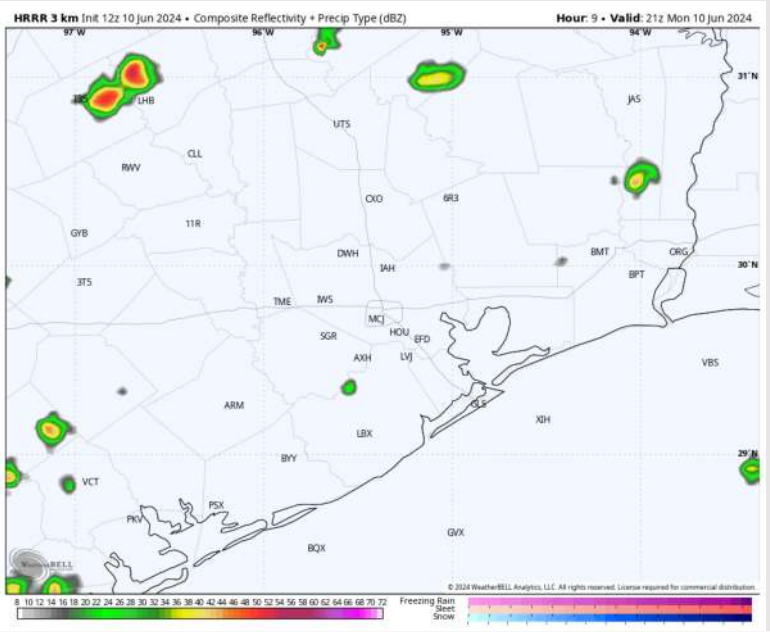
Precip: Favoring sporadic showers and storms to linger within the area through ~9 PM. A few storms have the potential to be stronger with **lightning, wind gusts of 25-30 kts and isolated pockets of hail.** Conditions will clear up after 9 PM.

Wind: Winds are favored to be out of the S / SE for the rest of the PM for stations S of Morgan's Point while winds remain variable N of Morgan's Point. **N of Morgan's Point:** Favoring winds at 4 - 9 kts through the entire day. **S of Morgan's Point:** Favoring winds at 5 - 10 kts for the entire day.

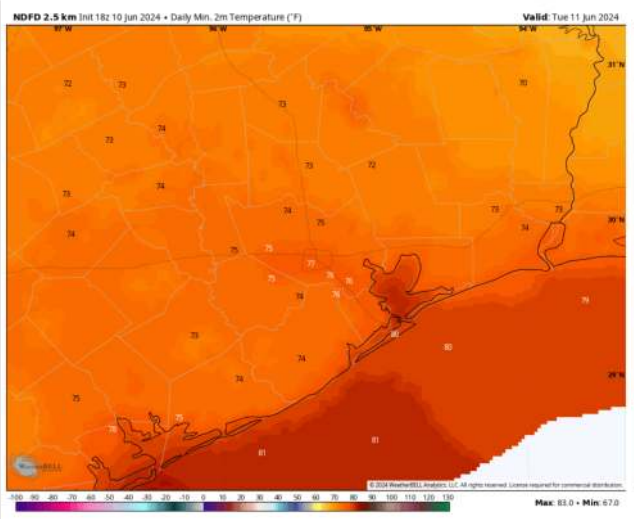
Low Temps: **N of Morgan's Point:** Mid 70's F. **S of Morgan's Point:** Low 80s F.

Visibility: Not anticipating any fog risks for this PM.

Precip Image: 4 PM CT



Wind Speed
8 PM CT



Low Temps
TUE AM

Houston Pilots: Tue. 6/11/2024



Forecast Discussion

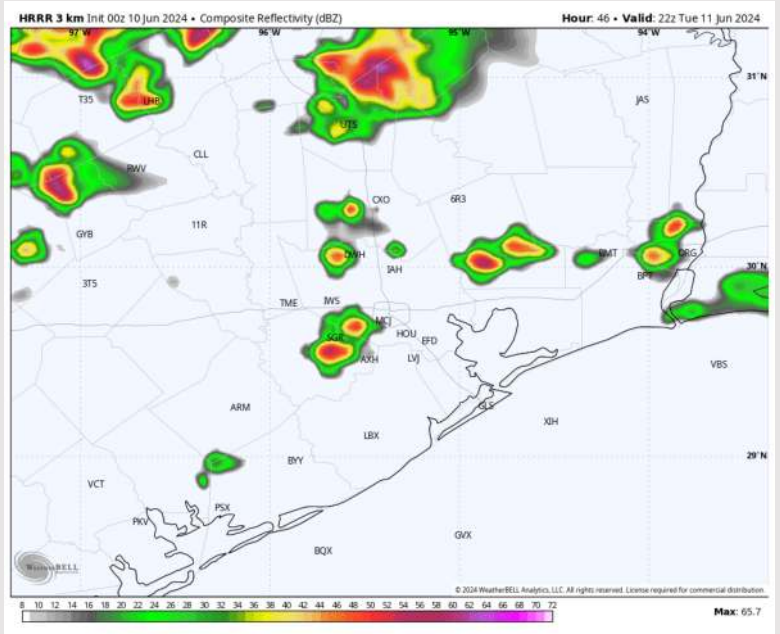
Precip: Isolated (10%) showers / storms possible for all stations through 2 PM. After 2 PM isolated risks (10%) of showers remains for stations N of Morgan's point for the rest of the day Tuesday

Wind: Winds will be variable in direction through 9 AM, settling out of the SE/E after that time. **N of Morgan's Point:** Winds will be at 3-8 kts throughout the day. **S of Morgan's Point:** Winds at 5-10 kts throughout the day Tuesday.

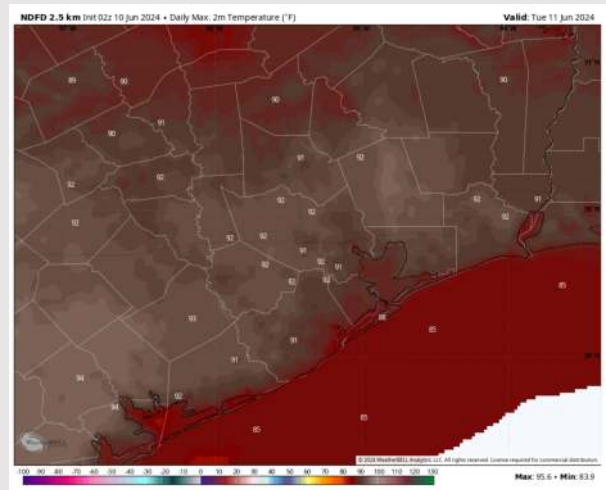
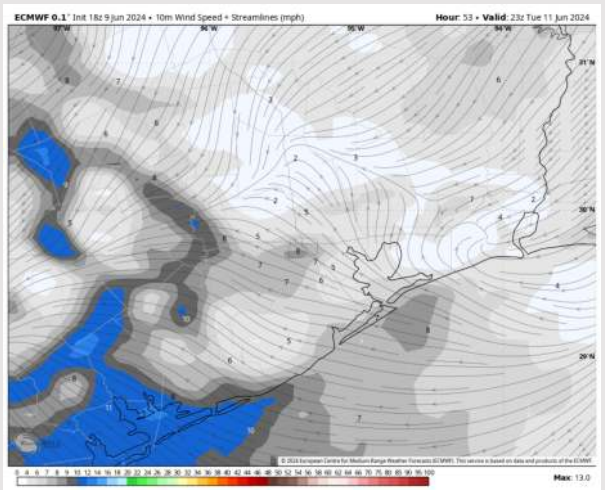
High Temps: **N of Morgan's Point:** Low 90s F. **S of Morgan's Point:** Upper 80s F.

Visibility: Not favoring visibility concerns for Tuesday.

Precip Image: 5 PM CT



Wind Speed:
6 PM CT



High Temps
Tuesday

Houston Pilots: Wed. 6/12/2024



Forecast Discussion

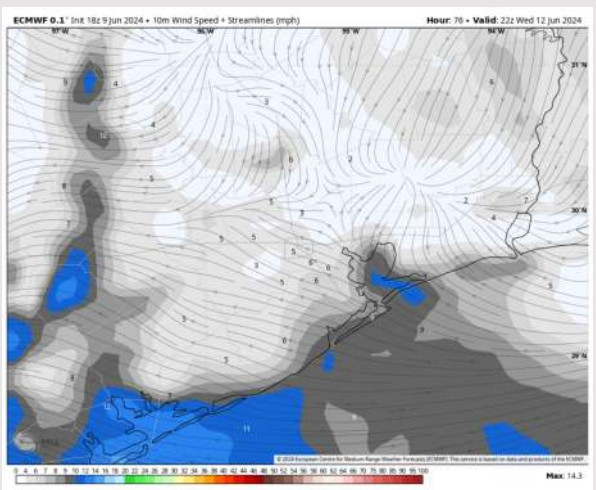
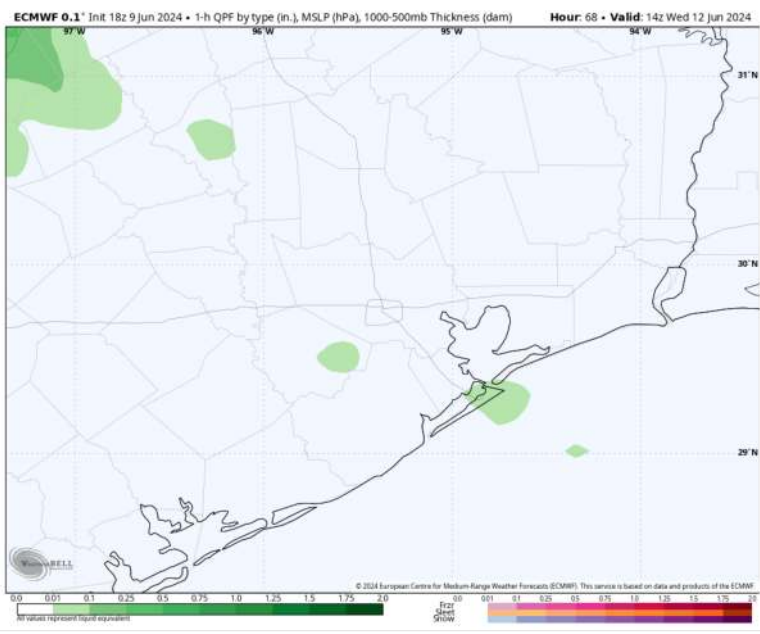
Precip: Hit/miss thunderstorms/showers (20%) possible from 3 AM to 7 PM. Bulk of chances favored to remain to the W of all stations. **Isolated lightning strikes will be the main threat with these, isolated pockets of 20-25 kts wind gusts possible!**

Wind: Winds variable in direction through 6 AM, then gradually shifting from the E to out of the SE through 7 PM. SE winds then continue after that time. **N of Morgan's Point:** Winds at 3-8 kts throughout Wednesday. **S of Morgan's Point:** Winds at 5-10 kts throughout the day.

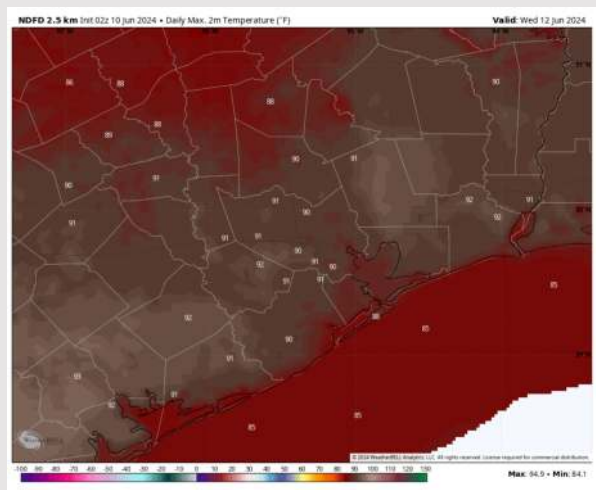
High Temps: **N of Morgan's Point:** Low 90s F **S of Morgan's Point:** Upper 80s F.

Visibility: Not favoring any visibility concerns for Wednesday.

Precip Image: 9 AM CT

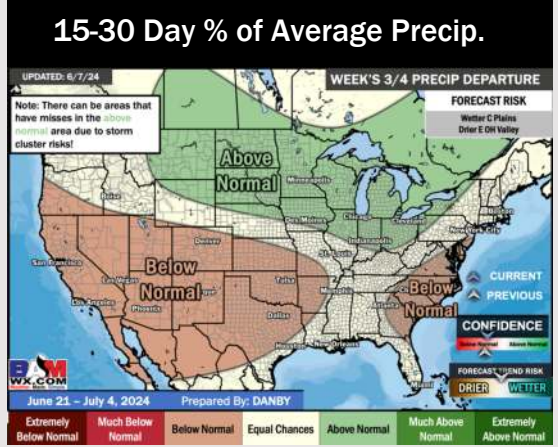
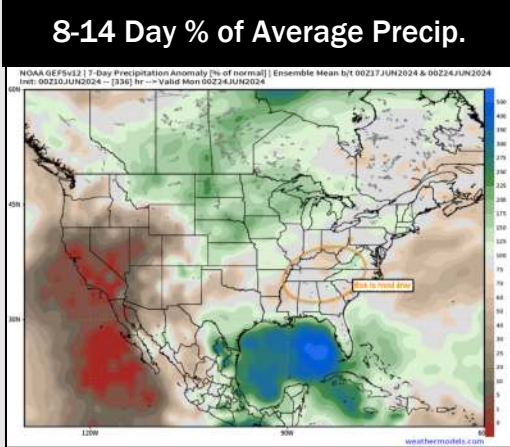
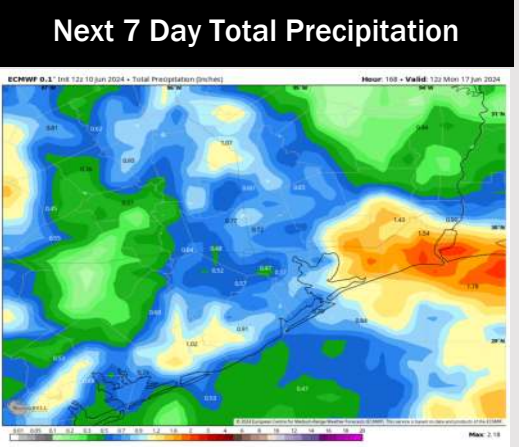
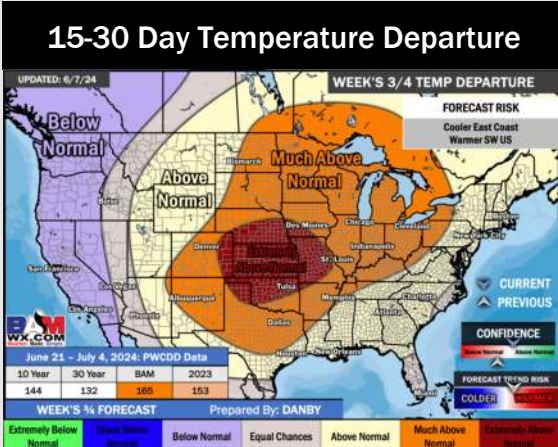
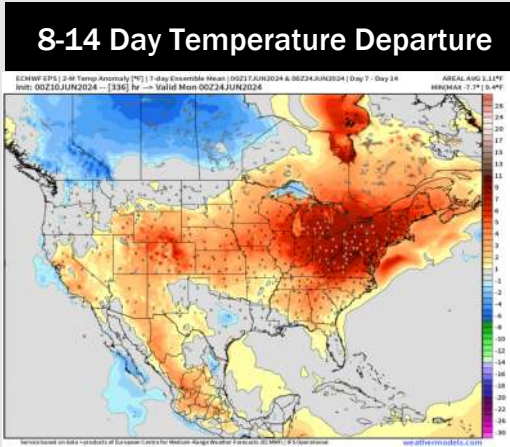
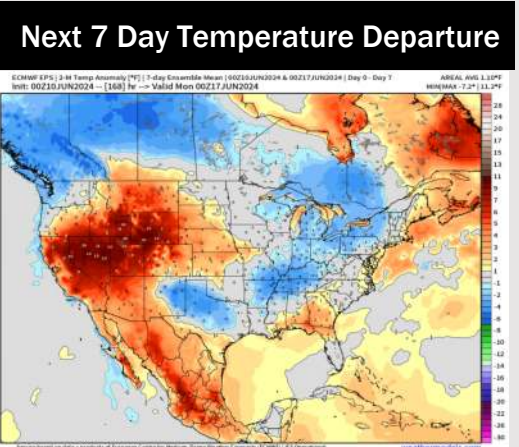


Wind Speed:
5 PM CT



High Temps
Wednesday

Houston Pilots: 6/10/24



- Temps are expected to be near normal for the week 1 timeframe. Minor rain chances to start this week before better coverage works through WED/THU (risk that more widespread precip remains to the NE).
- Slightly above normal precipitation chances are at play during the week 2 timeframe. Temps are expected to be near normal for week 2.
- Near normal chances for precipitation are favored in the weeks 3/4 timeframe while temperatures are expected to be above normal.