

Houston Pilots Forecast Package



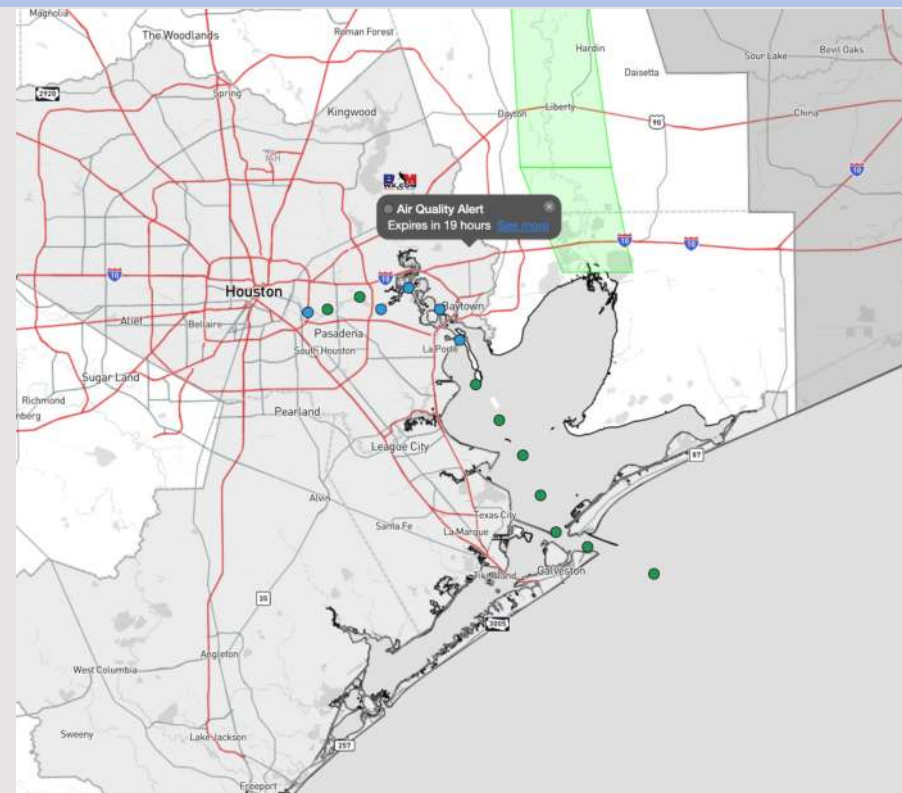
Updated: 12:00 AM CT

Friday, June 14, 2024

Forecaster: John Kemper

Weather Headlines

- An increase in gust potential with widespread storm chances return early Monday morning.
- Low-end patchy fog risk favored to remain N and W of stations, but see visibility slide for additional information.
- **Check custom graphic below on current thinking for multi day heavy rain event.**



Current Radar: 11:45 PM CT

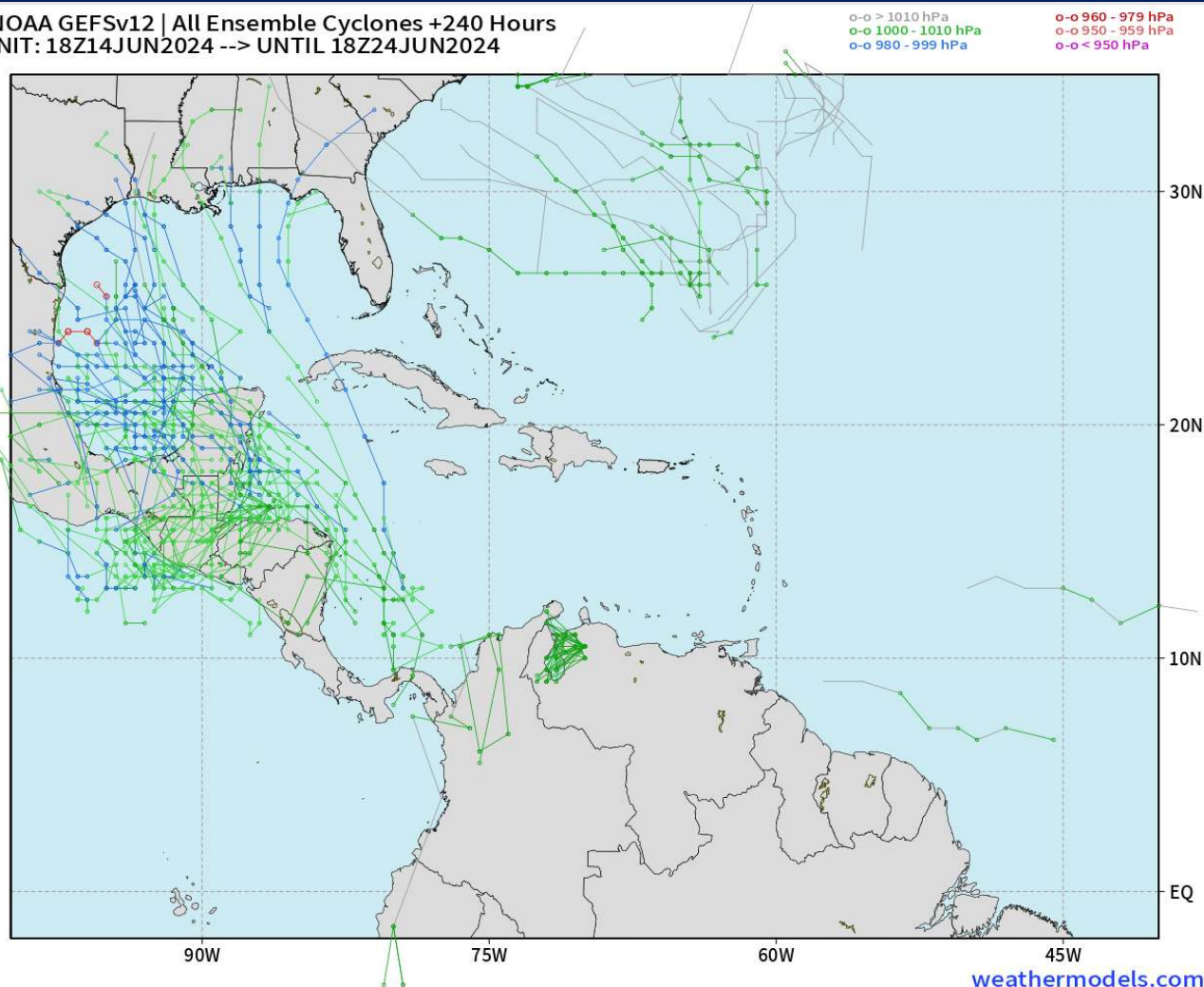


As always, please do not hesitate to reach out to us with any forecast questions via the chat option on Clarity or our on-call number, **(317)-560-8122** press **1** for forecast questions.

Houston Pilots Tropical Update

American Model Next 10 Days - Tropical Tracks

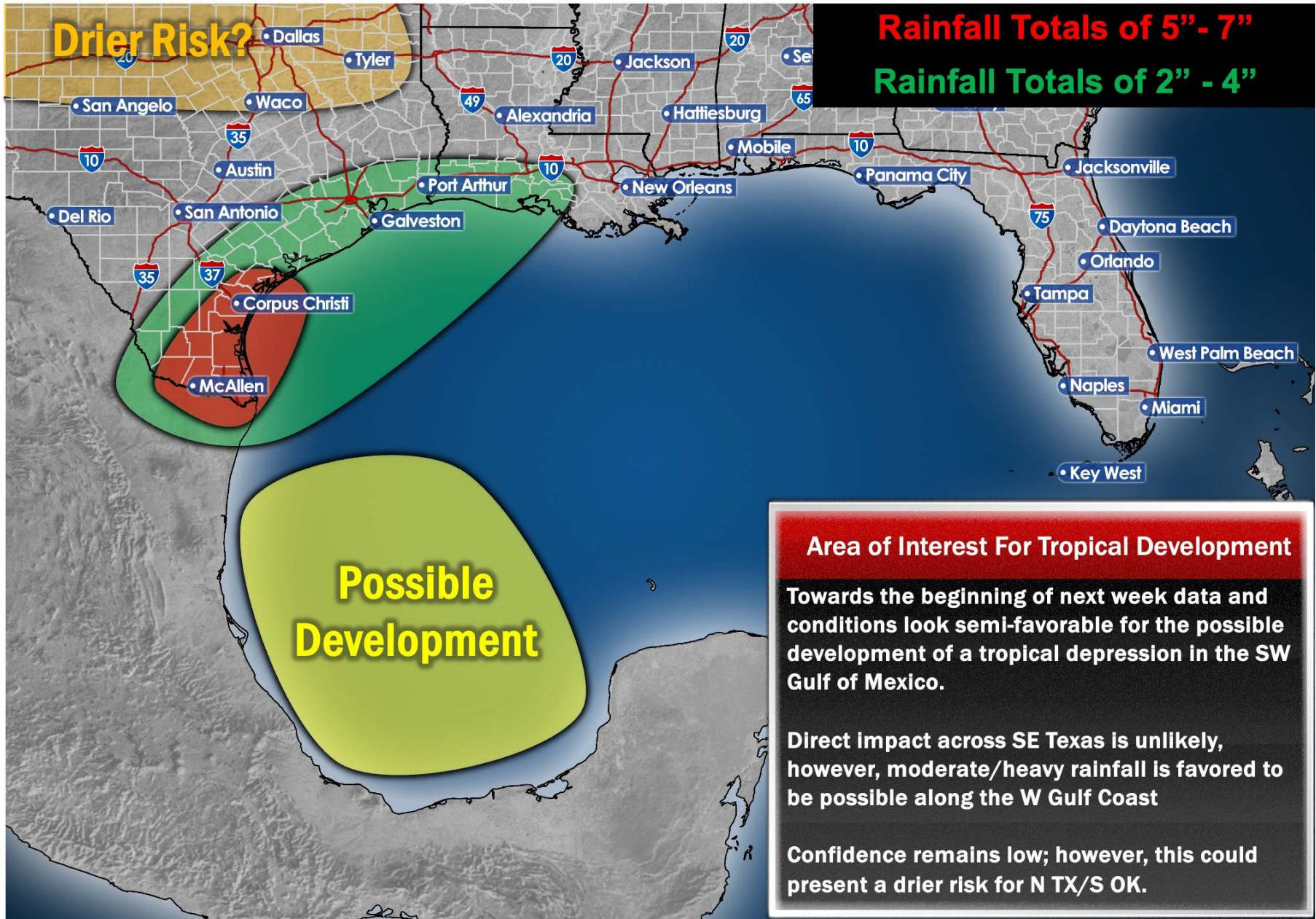
NOAA GEFSv12 | All Ensemble Cyclones +240 Hours
INIT: 18Z14JUN2024 --> UNTIL 18Z24JUN2024



weathermodels.com

Monitoring a tropical disturbance with the potential to become a Tropical Depression in the SW Gulf of Mexico between 6/17 - 6/20

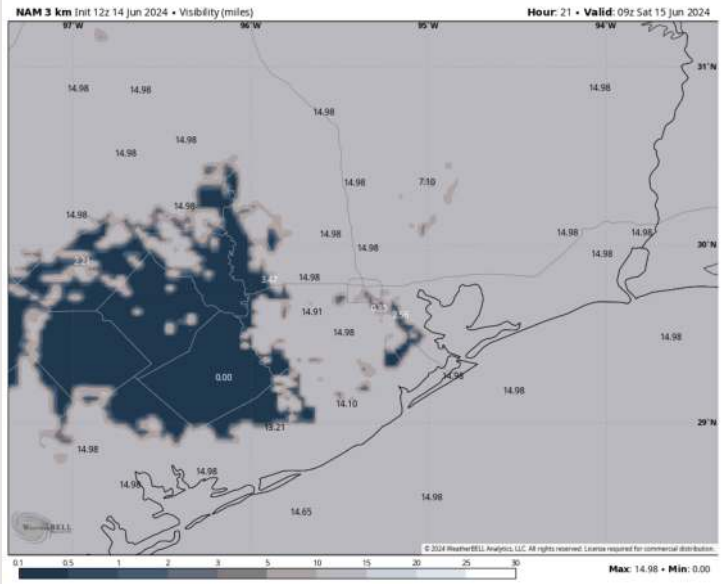
As of SAT AM, direct impact with Houston is not favored. Periods of moderate/heavy rain and higher seas will be possible during that timeframe.



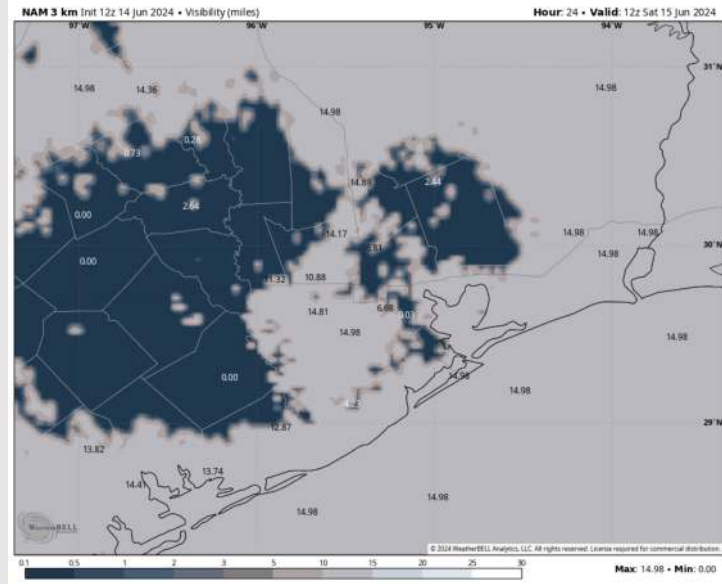
Houston Pilots Visibility Report



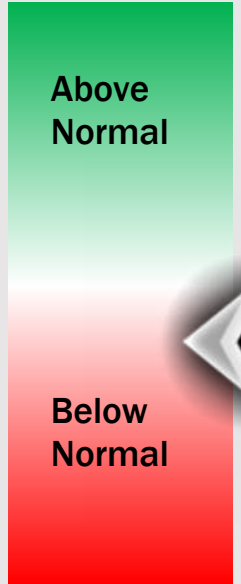
4 AM CT SAT VISIBILITY



7 AM CT SAT VISIBILITY



Confidence



TIMEFRAME DISCUSSED	THREAT
2AM - 8 AM CT SAT	LOW

- Patchy Fog will be possible as early as 2AM-CT across stations N of 51/52. Any fog that forms will quickly dissipate around 8AM-CT.
- Reduced visibilities of 2-4 miles will be possible, with only localized areas seeing less than 2 miles.
- Lower confidence remains in whether fog can fully impact stations N of 51/52, as slightly elevated winds may help to reduce this risk. Better potential is favored for locations W of Houston.

Houston Pilots Visibility Chart (miles)



Forecast Confidence

Above Normal

Below Normal

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	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	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	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	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	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	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	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	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	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	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
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
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
11/12	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
1 & 2 Bravo	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

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	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	3	3	3	2	1	1	1	1	1	1	1	2	3	5	6	7	7	8	8	8	8	7	6	5
	7	6	6	5	4	3	3	3	3	3	4	5	8	9	12	13	14	15	16	15	15	13	12	10
Kinder 1	3	3	3	2	1	1	1	1	1	1	2	3	5	6	7	7	8	8	8	8	8	7	6	5
	7	6	6	5	4	3	3	3	3	3	4	5	8	10	12	13	14	15	16	15	15	13	12	9
Greens Bayou	3	3	2	2	1	1	1	1	1	1	2	3	5	6	7	7	8	8	8	7	7	5	5	
	7	6	5	5	4	3	3	2	3	3	4	5	8	9	12	13	14	15	15	15	14	13	11	9
Shell Crude	3	3	2	2	1	1	1	1	1	1	2	3	5	6	7	7	8	8	8	8	7	7	5	5
	7	6	5	5	4	3	3	3	3	3	4	5	8	9	12	13	14	15	15	15	14	13	11	9
Lynchburg Ferries	3	3	2	1	1	1	1	1	1	1	2	3	5	6	7	7	8	8	8	8	7	6	5	4
	6	6	5	4	4	3	3	2	3	3	4	5	8	9	12	13	14	15	15	15	14	12	11	9
Exxon 3	6	5	5	3	3	3	2	2	3	3	3	5	5	7	8	9	10	10	10	10	10	9	8	7
	9	7	7	6	5	5	4	4	4	5	6	8	10	13	13	15	16	16	16	15	15	14	13	11
Morgans Point	6	5	5	3	3	3	2	2	3	3	3	5	5	7	8	9	10	10	10	10	10	9	8	7
	9	7	7	6	6	5	4	4	5	5	6	7	8	10	12	13	14	16	16	15	15	14	13	11
75/76	7	6	5	5	4	3	3	3	3	3	4	5	6	7	8	9	10	10	10	10	10	10	9	9
	9	8	8	6	6	6	5	5	5	5	6	7	8	10	13	13	15	16	16	15	15	14	14	12
63/64	7	6	5	5	4	4	3	3	3	3	4	5	6	7	7	7	9	9	9	9	10	9	9	9
	10	8	8	6	6	6	5	5	5	5	6	7	8	10	12	13	14	15	16	15	15	14	14	13
51/52	7	6	5	5	4	4	3	3	3	3	3	5	5	6	7	7	9	9	9	9	9	9	9	9
	10	9	8	7	6	6	6	5	5	5	6	7	8	10	12	13	14	15	15	15	14	14	14	13
37/38	7	6	5	5	5	4	3	3	3	3	3	5	5	6	7	7	8	9	9	9	9	9	9	9
	9	9	8	7	6	7	6	5	5	6	6	8	8	10	12	13	13	14	15	14	14	14	13	13
25/26	7	6	5	5	5	4	3	3	3	3	3	5	5	7	7	7	8	9	9	9	9	9	9	9
	9	9	8	7	6	7	6	5	5	6	6	8	8	10	12	13	13	14	14	14	14	13	13	13
11/12	6	5	5	5	4	4	3	3	3	3	3	5	5	7	7	7	8	9	9	9	9	8	8	8
	9	8	8	7	6	7	6	6	5	6	6	8	8	10	12	12	13	13	13	14	13	13	13	13
1 & 2 Bravo	7	7	6	5	5	4	3	3	3	4	5	5	6	7	7	7	8	8	9	9	9	9	9	9
	10	9	9	8	7	8	6	6	6	6	6	8	9	10	11	12	12	13	13	14	14	14	14	14

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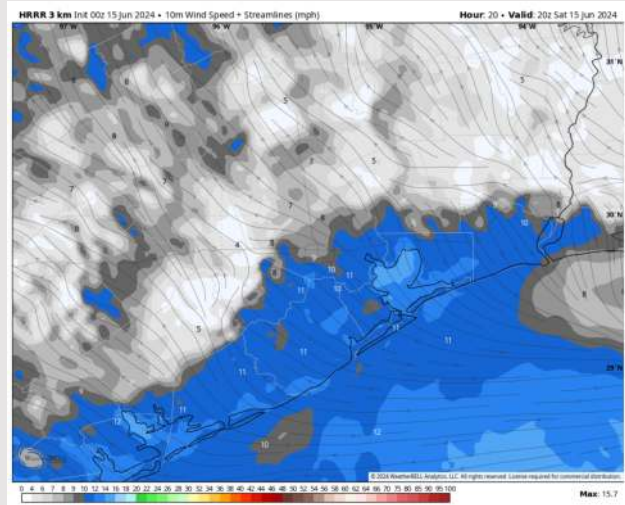
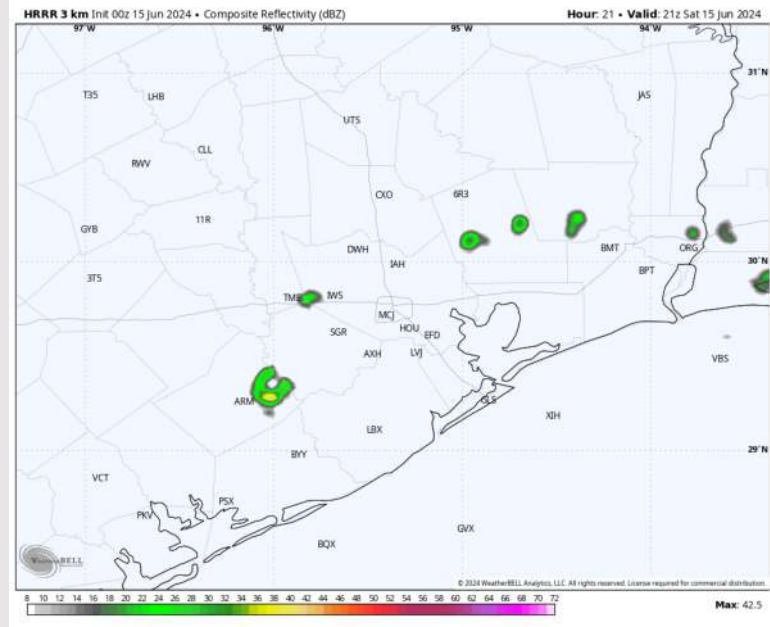
Houston Pilots: Sat. 6/15/2024



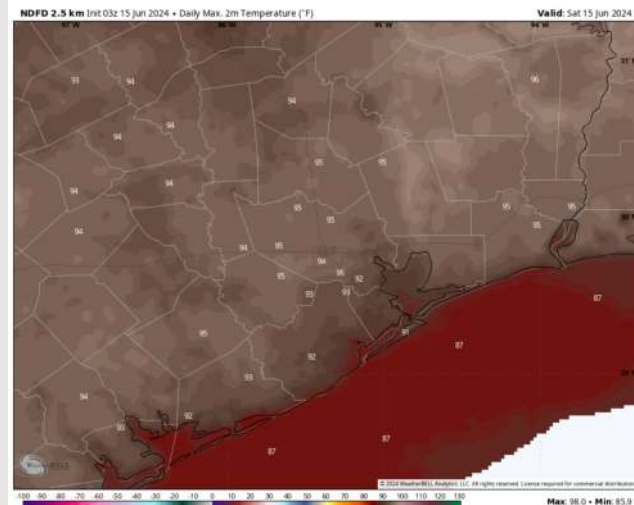
Forecast Discussion

- Precip:** Favoring a 10% chance of brief downpour between 2PM – 5PM.
- Wind:** Winds will be out of the southeast for the entire day. **N of Morgan's Point:** Winds at 2-6 kts through 2PM, before a slight increase to 5-10 kts for the remainder of the day. **S of Morgan's Point:** Winds at 3-8 kts through 11AM, before increasing to 7-12 kts for the rest of the day.
- High Temps:** **N of Morgan's Point:** Mid 90s F **S of Morgan's Point:** Upper 80s F.
- Visibility:** Favoring a low-end patchy fog risk for locations N of 51/52, however it is likely this risk will remain W of stations.

Precip Image: 4 PM CT



Wind Speed:
3 PM CT



High Temps
Today

Houston Pilots: Sun. 6/16/2024



Forecast Discussion

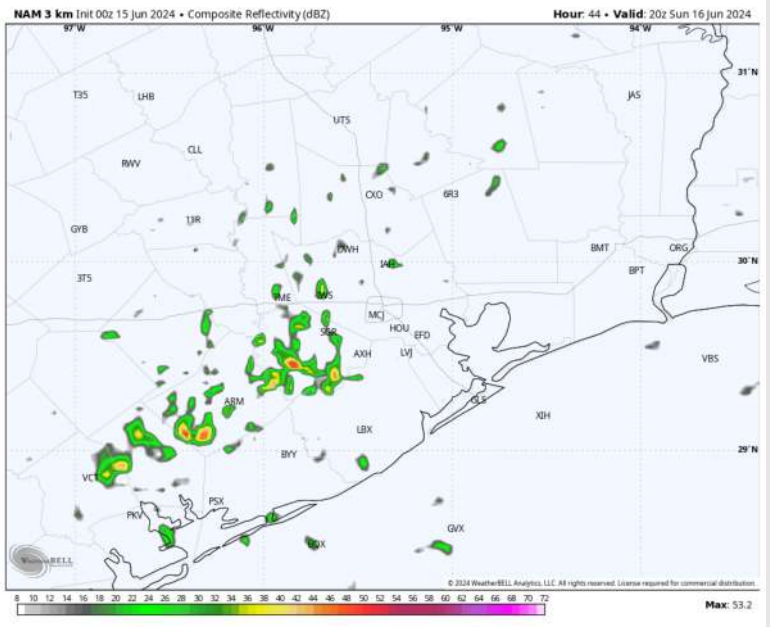
Precip: Afternoon Showers and a Few Storms (30% Chances) will be possible between 12PM – 7PM. Confidence is lower if these can become more widespread in nature.

Wind: Winds will be out of the SE/E throughout the day Sunday. **N of Morgan's Point:** Favoring winds at 5 – 10 kts prior to 11AM before increasing to 10-15 kts for the rest of the evening. **S of Morgan's Point:** Favoring winds 13 – 17 kts through 2PM, before winds increase to 15-20 kts for the rest of the day.

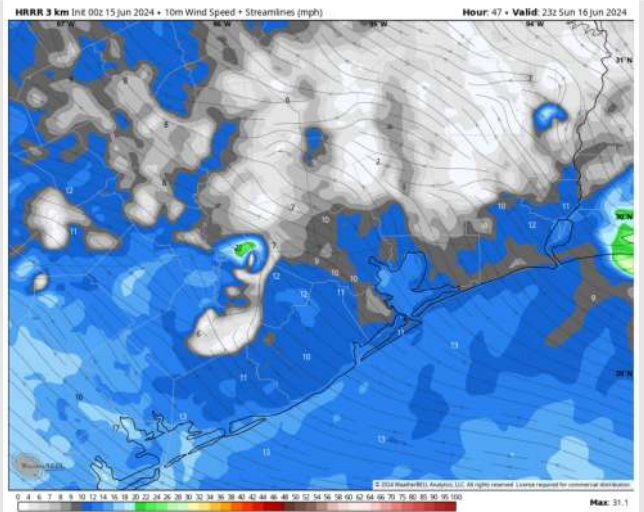
High Temps: **N of Morgan's Point:** Mid 90's F. **S of Morgan's Point:** Mid to Upper 80s F.

Visibility: Not favoring any fog concerns for Sunday

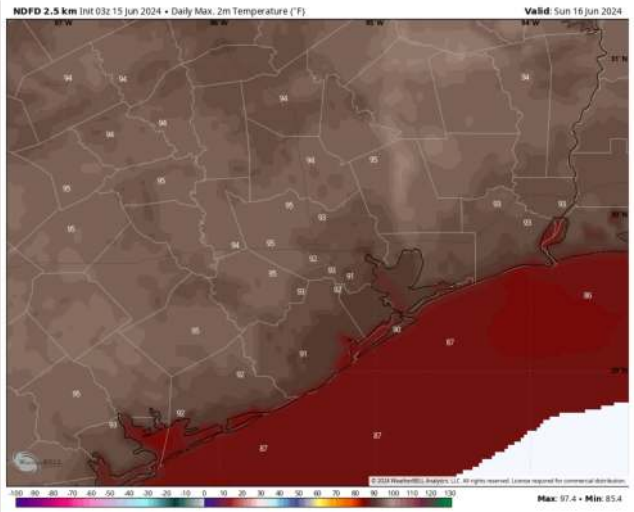
Precip Image: 3 PM CT



Wind Speed
6 PM CT



High Temps
Sunday



Houston Pilots: Mon. 6/17/2024



Forecast Discussion

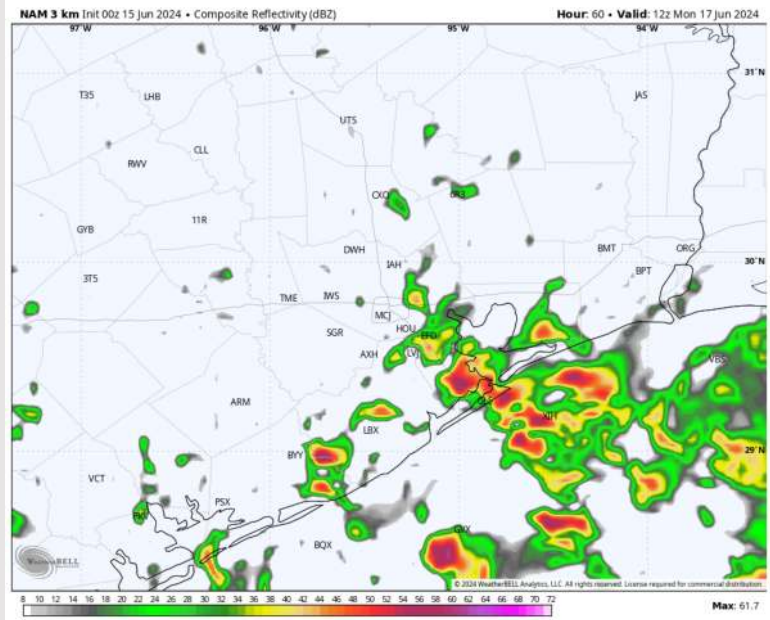
Precip: Favoring widespread thunderstorms to push into the area after 3AM-CT on Monday Morning. 50% chances will continue through 7PM before a brief break in the action will be possible.

Wind: Winds will remain out of the southeast for the entire day. **N of Morgan's Point:** Winds will be at 2-7 kts for the entire day. **S of Morgan's Point:** Winds start at 15 – 18 kts through 11AM before decreasing to 10-15kts. **A few gusts of 25-30kts can't be ruled out for all stations S of Morgan's Point.**

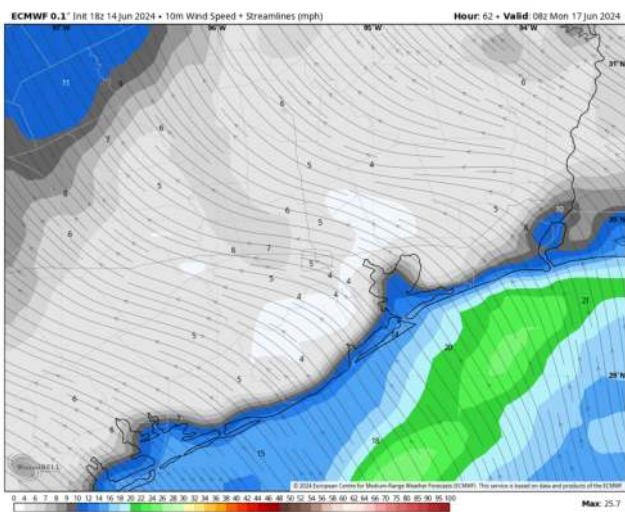
Low Temps: **N of Morgan's Point:** Mid 70s F. **S of Morgan's Point:** Low 80s F.

Visibility: Not anticipating any visibility concerns for Monday.

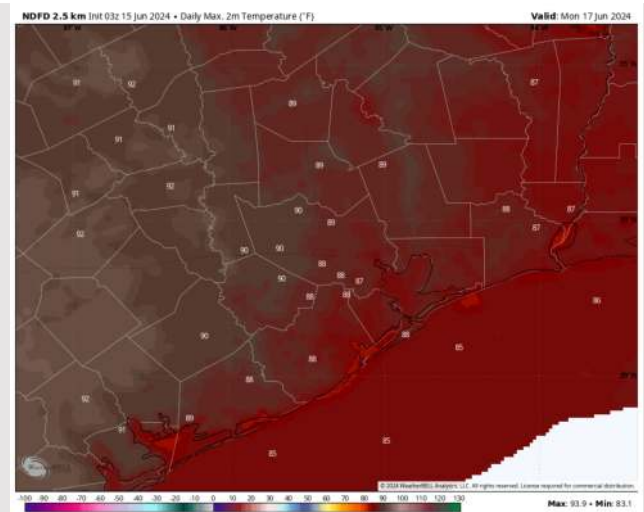
Precip Image: 7 AM CT



Wind Speed:
8 PM CT

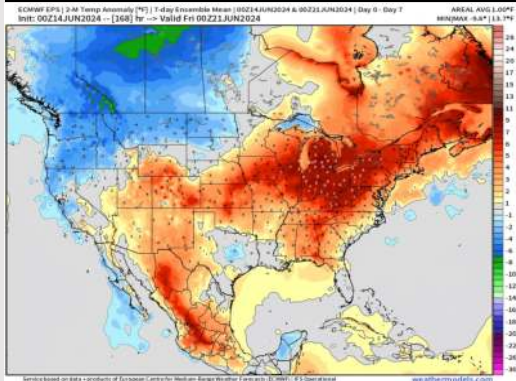


High Temps
Monday

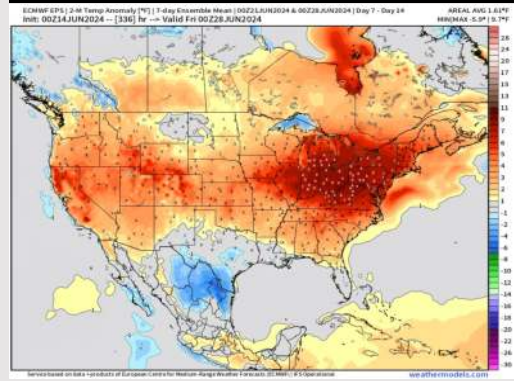


Houston Pilots: 6/15/24

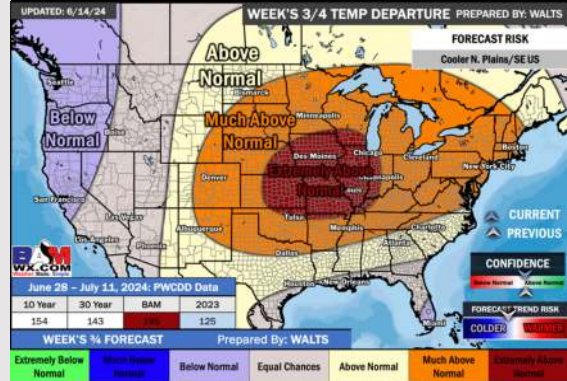
Next 7 Day Temperature Departure



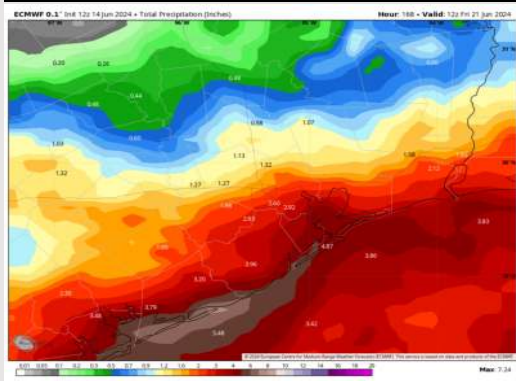
8-14 Day Temperature Departure



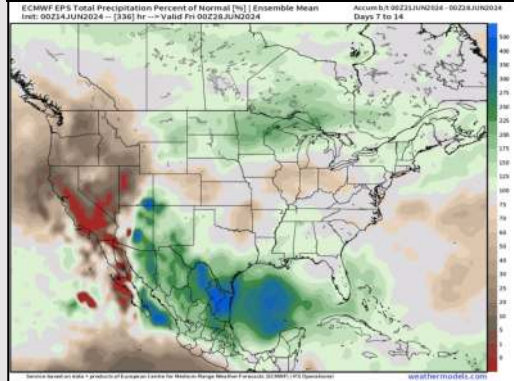
15-30 Day Temperature Departure



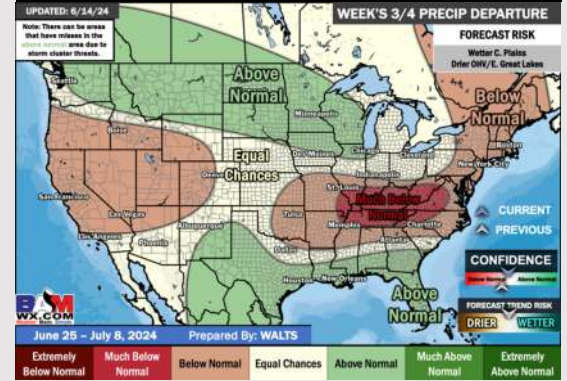
Next 7 Day Total Precipitation



8-14 Day % of Average Precip.



15-30 Day % of Average Precip.



- Temps are expected to be near normal for the week 1 timeframe. Monitoring risk for moderate/heavy rain beginning this SUN associated with a tropical system. **(Check custom graphic for more information)**
- Slightly above normal precipitation chances are at play during the week 2 timeframe. Temps are expected to be near normal for week 2.
- Above normal chances for precipitation and near normal temperatures are favored in the weeks 3/4 timeframe.