

Houston Pilots Forecast Package

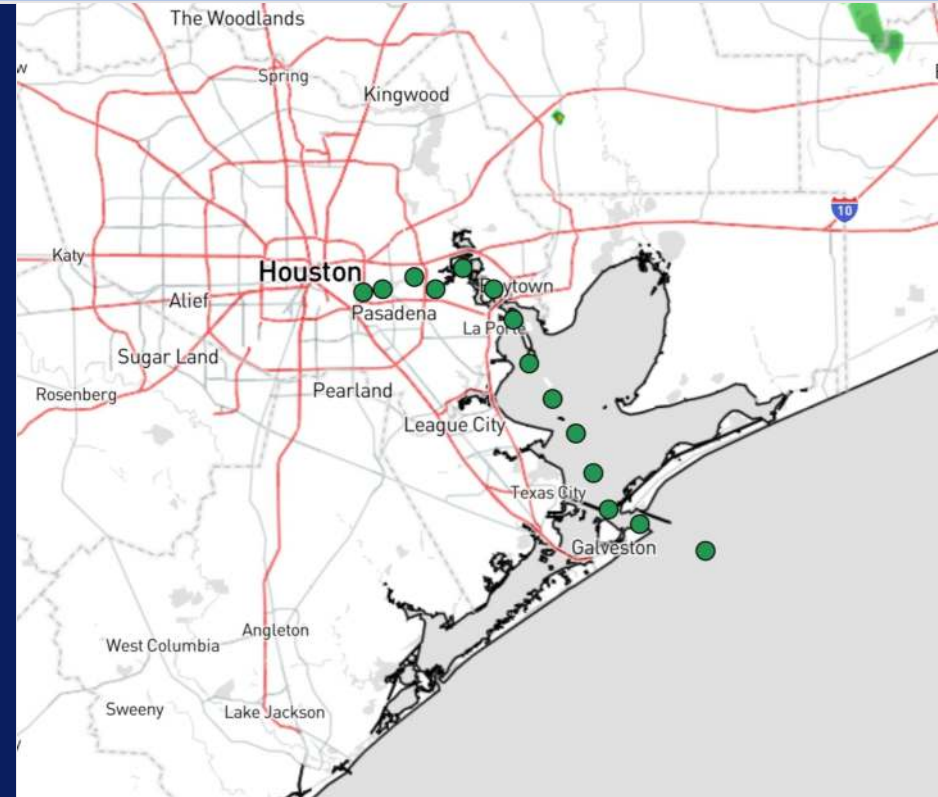


Updated: 10:45 PM CT
Saturday, July 13, 2024

Forecaster: Tyler Riggles

Weather Headlines

- Scattered to hit/miss showers will continue to work through the area over the next few days.
- Winds remain generally calm over the next 72 hours with sustained winds rarely exceeding 12 kts.
- Not anticipating any fog concerns the next few days.



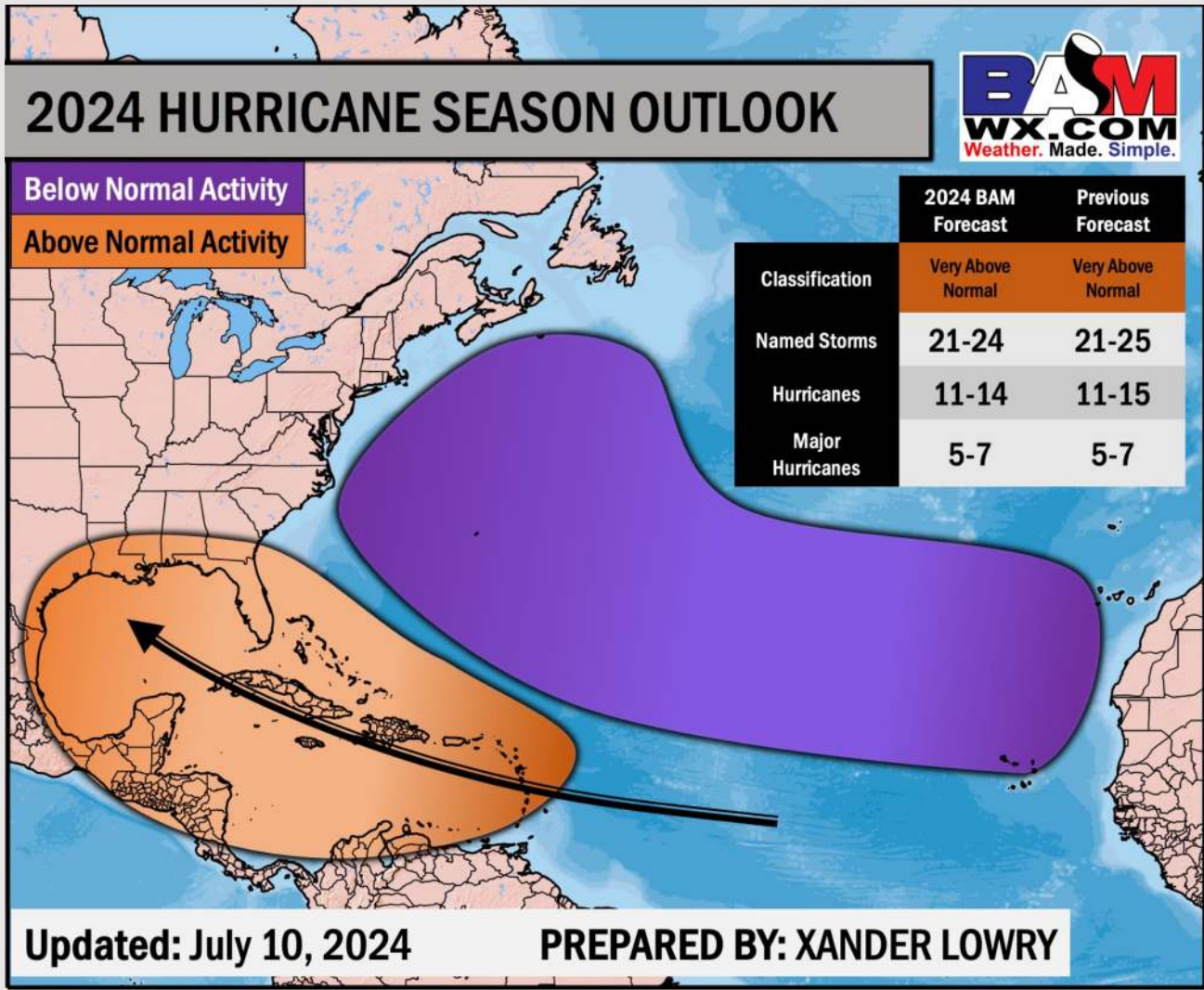
Current Radar: 10:43 PM CT



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

Seasonal Hurricane Outlook



Unfavorable conditions will be present across widespread portions of the Atlantic throughout the remainder of July with no signals for possible development until the end of July and into Early August.

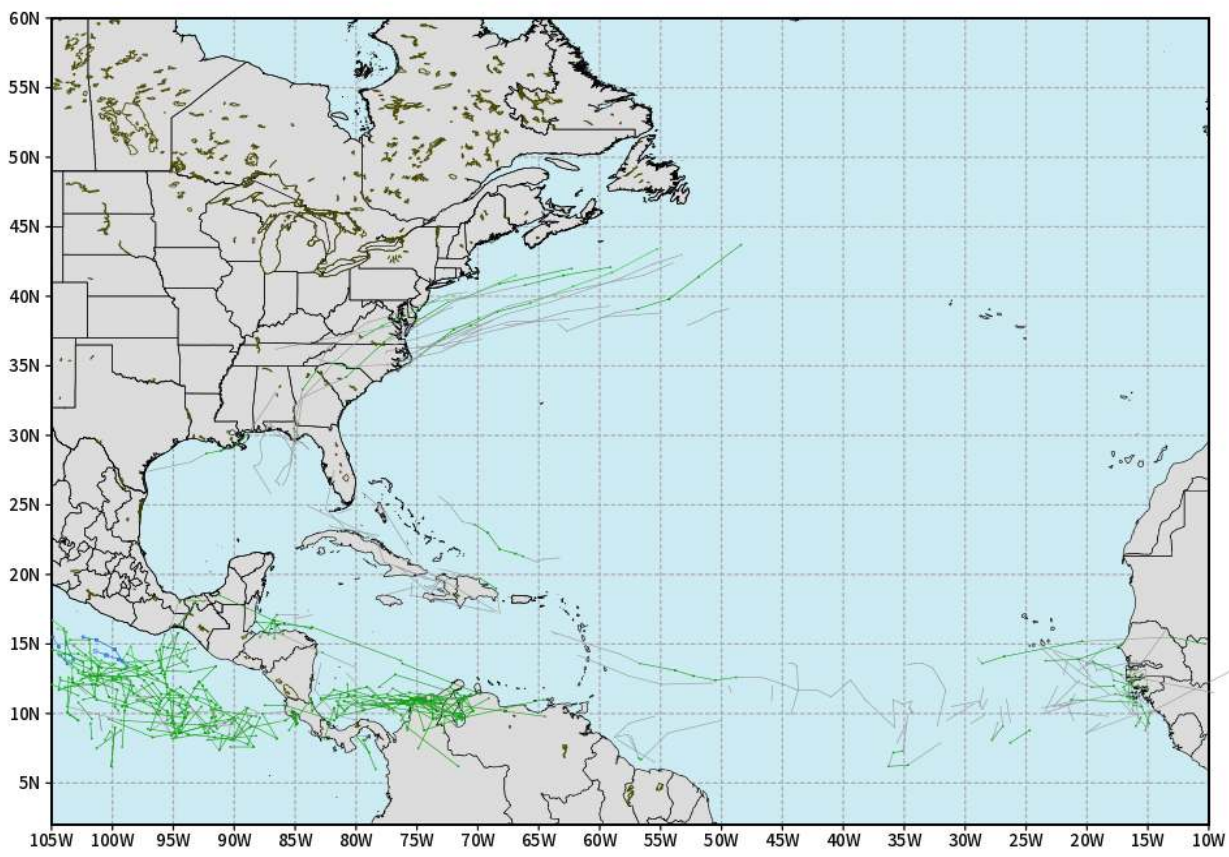
However, seasonal outlook remains well above normal with the Gulf Of Mexico Favored to see increased activity

Houston Pilots Tropical Update

European Model Next 10 Days - Tropical Tracks

ECMWF ATLANTIC EPS Cyclone Locations --> Next [10-days]
INIT: 12Z13JUL2024 --> UNTIL 12Z23JUL2024

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



weathermodels.com

Not in favor of any tropical threats over the next 10 days to the HOU area.

Houston Pilots Visibility Chart (miles)



Forecast Confidence



Time	Sat 11pm	Sun 12am	Sun 1am	Sun 2am	Sun 3am	Sun 4am	Sun 5am	Sun 6am	Sun 7am	Sun 8am	Sun 9am	Sun 10am	Sun 11am	Sun 12pm	Sun 1pm	Sun 2pm	Sun 3pm	Sun 4pm	Sun 5pm	Sun 6pm	Sun 7pm	Sun 8pm	Sun 9pm	Sun 10pm
610 Bridge	10	10	10	10	8	6	6	6	6	9	10	10	10	10	10	10	10	10	10	10	10	10	10	10
Kinder 1	10	10	10	10	8	6	6	6	6	9	10	10	10	10	10	10	10	10	10	10	10	10	10	10
Greens Bayou	10	10	10	10	8	6	6	6	5	9	10	10	10	10	10	10	10	10	10	10	10	10	10	10
Shell Crude	10	10	10	10	9	6	6	8	6	9	10	10	10	10	10	10	10	10	10	10	10	10	10	10
Lynchburg Ferries	10	10	10	10	8	6	6	6	5	9	10	10	10	10	10	10	10	10	10	10	10	10	10	10
Exxon 3	10	10	10	10	9	6	8	8	6	9	10	10	10	10	10	10	10	10	10	10	10	10	10	10
Morgans Point	10	10	10	10	10	9	9	10	6	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	8	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
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
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
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
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
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

NOTE: This is automated data that may/may not agree with the official B.A.M. 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	Sat 11pm	Sun 12am	Sun 1am	Sun 2am	Sun 3am	Sun 4am	Sun 5am	Sun 6am	Sun 7am	Sun 8am	Sun 9am	Sun 10am	Sun 11am	Sun 12pm	Sun 1pm	Sun 2pm	Sun 3pm	Sun 4pm	Sun 5pm	Sun 6pm	Sun 7pm	Sun 8pm	Sun 9pm	Sun 10pm
610 Bridge	2	2	2	2	2	2	1	1	1	1	1	1	2	3	3	3	4	5	5	5	5	4	4	3
	5	5	5	4	4	4	4	3	3	3	3	4	4	5	6	7	8	9	9	9	9	8	7	8
	SSE	SSE	SSE	SE	SSE	S	SW	NW	W	W	WSW	WSW	SW	SW	SSW	S	SSE	SSE	SSE	SSE	S	S	S	S
Kinder 1	2	2	2	2	2	2	1	1	1	1	1	1	2	3	3	3	4	5	5	5	5	4	4	3
	5	4	5	4	4	4	4	3	3	3	3	4	4	6	6	8	8	9	9	9	9	8	7	7
	SSE	SSE	SSE	SE	SSE	S	SW	WNW	W	W	WSW	WSW	SW	SW	S	S	SSE	SE	SSE	SSE	S	S	S	S
Greens Bayou	2	2	2	1	1	1	1	1	1	1	1	1	2	3	3	3	4	5	5	5	5	4	3	3
	4	4	4	4	4	4	4	3	3	3	3	4	4	6	6	8	8	10	9	9	9	8	7	7
	SSE	SSE	SSE	SSE	SSE	S	NW	NW	W	W	WSW	WSW	SW	SSW	S	SSE	SE	SSE	SSE	SSE	S	S	S	S
Shell Crude	2	2	2	1	1	1	1	1	1	1	1	1	2	3	3	3	4	5	5	5	5	4	3	3
	4	4	4	4	4	4	4	3	3	3	3	4	4	6	6	8	8	9	10	9	9	8	7	7
	SSE	SSE	SSE	SSE	S	S	WNW	WNW	W	W	W	WSW	SW	SSW	S	SSE	SE	SSE	SSE	SSE	S	S	S	S
Lynchburg Ferries	1	1	1	1	1	1	1	1	1	1	1	1	2	2	3	3	4	5	5	5	5	4	3	3
	4	4	4	4	4	4	4	3	3	3	3	4	4	6	6	7	7	9	10	10	9	8	7	7
	SSE	SSE	SE	SE	SSE	SSE	W	WNW	WNW	NW	W	WSW	SW	SSW	S	SSE	SSE	SSE	SSE	SSE	S	S	S	S
Exxon 3	5	4	5	4	4	4	3	3	3	3	2	3	3	3	4	5	7	7	7	7	7	7	7	6
	6	6	6	6	6	6	5	4	4	4	5	5	5	7	8	9	10	11	11	11	11	10	9	9
	SSE	SSE	SSE	SSE	S	S	WSW	W	W	W	W	WSW	SW	SSW	S	SSE	SSE	SSE	SSE	SSE	S	S	S	S
Morgans Point	5	4	5	4	4	4	3	3	3	3	2	3	3	3	4	5	7	7	7	7	7	7	7	6
	6	6	7	6	6	6	5	4	4	4	5	5	5	7	8	9	10	11	11	11	11	10	9	9
	SSE	SSE	SSE	SSE	S	SSW	SW	WNW	W	WNW	W	WSW	SW	S	SSE	SSE	SSE	SSE	SSE	SSE	S	S	S	S
75/76	5	5	5	5	5	5	4	4	3	3	3	3	3	3	4	5	6	7	7	7	7	7	7	7
	8	8	8	7	7	7	6	5	5	5	5	5	5	7	8	9	10	11	11	11	11	11	10	10
	SSE	SSE	SSE	SSE	S	S	SSW	SW	WSW	W	W	WSW	S	SE	SE	SSE	SSE	SSE	SSE	SSE	S	S	S	S
63/64	5	5	5	5	5	5	4	4	3	3	3	3	3	3	4	5	5	7	7	7	7	7	7	7
	8	8	8	8	7	7	6	6	5	5	5	5	5	7	7	8	10	11	11	11	11	10	10	10
	SE	SSE	SSE	SSE	S	S	SW	W	W	W	W	W	WSW	ESE	SE	SSE	SSE	SSE	S	S	S	S	S	S
51/52	5	5	6	5	5	5	5	4	4	3	3	3	3	3	3	4	5	6	7	7	7	7	7	7
	8	8	9	8	8	8	7	6	6	5	5	5	5	7	7	8	9	11	11	11	11	10	10	10
	SE	SSE	SSE	S	S	S	SSW	SW	WSW	W	W	W	NNW	SSE	SE	SSE	SSE	SSE	S	S	S	S	S	S
37/38	5	6	6	6	5	5	5	4	4	3	3	3	3	3	3	4	5	6	7	7	7	7	7	7
	8	8	9	8	8	8	7	6	6	5	6	5	5	6	7	8	9	10	11	11	10	10	10	10
	SE	SSE	SSE	SSE	S	S	SSW	SW	WSW	W	W	W	S	SE	SSE	SSE	SSE	S	S	S	S	S	S	S
25/26	5	5	6	5	5	5	5	4	4	3	3	3	3	3	4	5	6	7	7	7	7	7	7	7
	8	8	9	8	8	8	7	6	6	5	6	5	5	6	7	8	8	10	10	11	10	10	10	10
	SE	SSE	SSE	SSE	S	S	SSW	SSW	WSW	W	W	W	SW	WSW	SSE	SSE	SSE	S	S	S	S	S	S	S
11/12	5	5	5	5	5	5	5	4	3	3	3	3	3	4	4	5	5	6	6	7	6	6	6	6
	8	8	9	8	8	8	7	6	6	5	6	5	5	6	7	8	8	10	10	10	10	10	9	10
	SE	SE	SSE	S	S	S	SSW	SSW	SW	W	W	W	W	W	S	SSE	SSE	S	S	S	S	S	S	S
1 & 2 Bravo	6	6	7	7	6	6	5	5	5	4	3	3	3	3	3	4	5	5	6	6	7	7	7	7
	9	9	10	9	9	9	8	7	6	6	6	5	5	6	5	7	7	9	10	10	10	10	10	11
	SE	SSE	SSE	S	S	S	SSW	SSW	SSW	SSW	SW	SW	SW	S	S	S	S	S	S	S	S	S	S	S

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Houston Pilots: Sun. 7/14/2024



Forecast Discussion

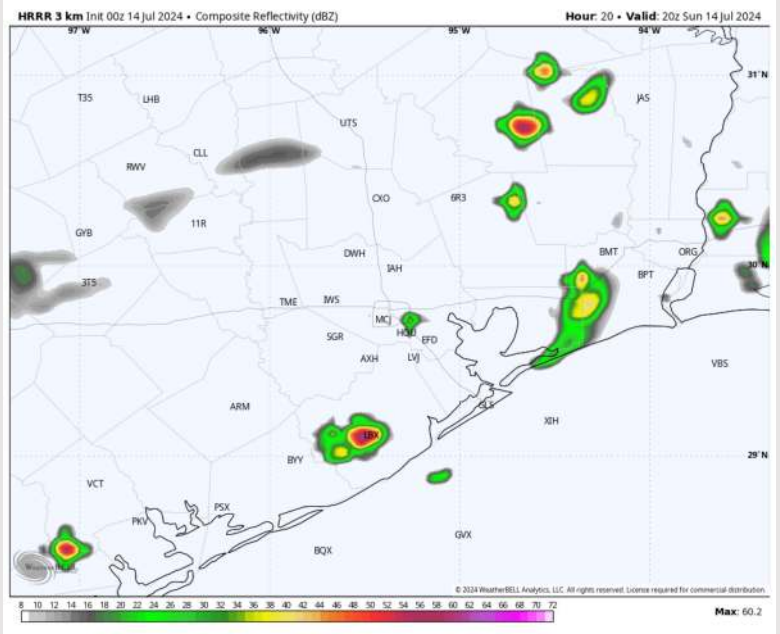
Precip: Isolated to hit/miss pop up showers/storms possible between 7 AM – 7 PM.

Wind: Winds will be out of the SW through 7AM before being variable through 12 PM and then settling out of the S/SE for the rest of the day. **N of Morgan's Point:** Winds at 2-9 kts throughout the day. **S of Morgan's Point:** Winds at 5-11 kts throughout the day.

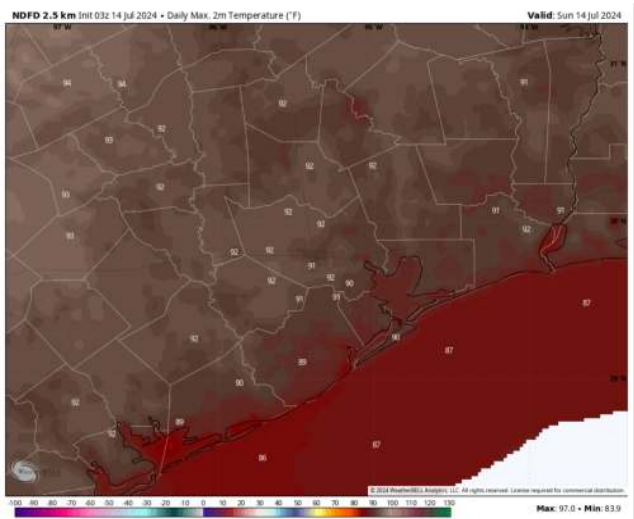
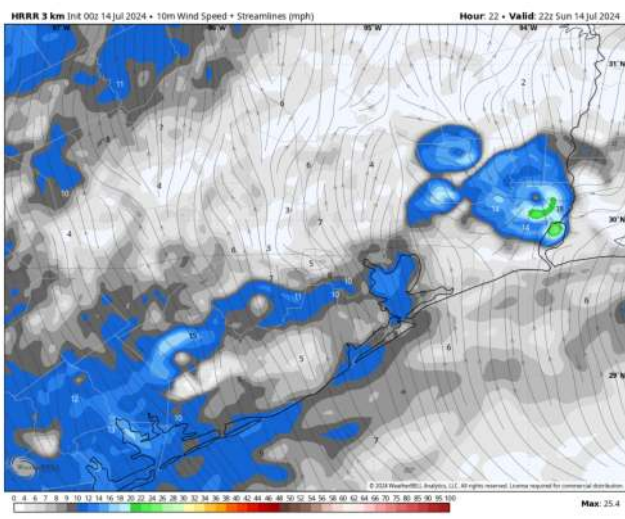
High Temps: **N of Morgan's Point:** Upper 80s F. **S of Morgan's Point:** mid to upper 80s F.

Visibility: Not favoring any fog concerns today, however a pop-up storm could briefly reduce visibility.

Precip Image: 3 PM CT



Wind Speed:
5 PM CT



High Temps
Today

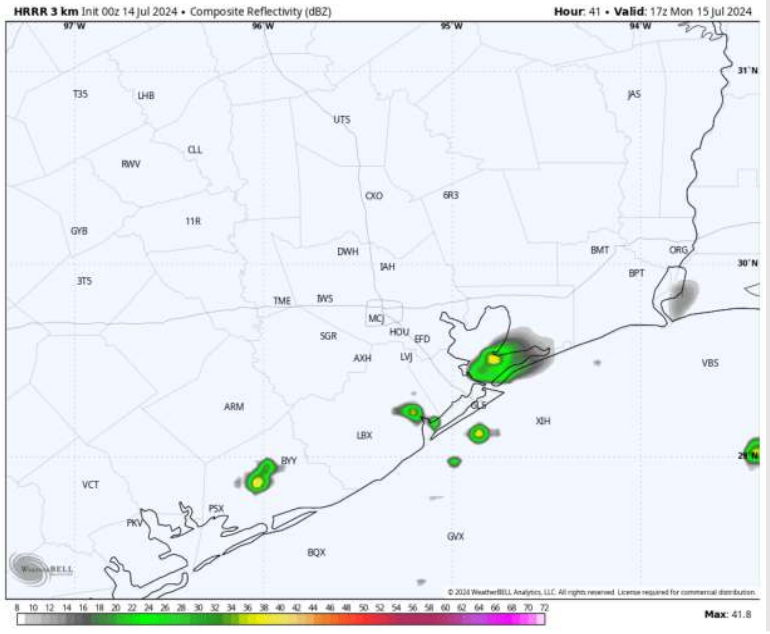
Houston Pilots: Mon. 7/15/2024



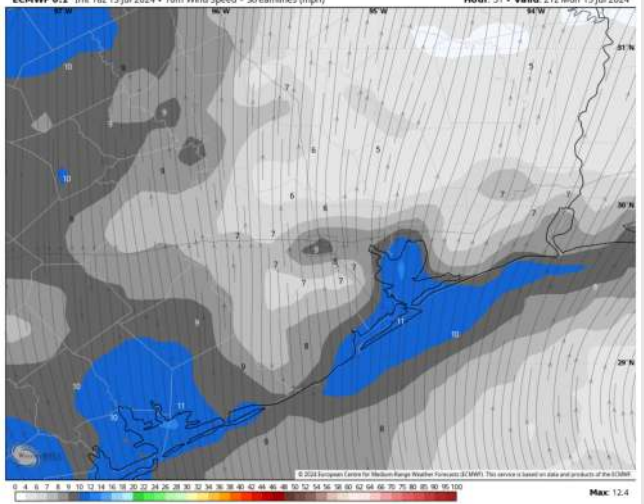
Forecast Discussion

- Precip:** Hit/miss (20-30%) showers possible between 11 AM – 6 PM. Dry conditions favored outside of that timeframe
- Wind:** Winds out of the S/SW throughout the day Monday. **N of Morgan's Point:** Winds be at 3-8 kts throughout Monday. **S of Morgan's Point:** Winds at 6-11 kts to start the day, decreasing to 2-6 kts between 7 AM and 3 PM before returning to 6-11 kts.
- High Temps:** **N of Morgan's Point:** Upper 80s F. **S of Morgan's Point:** Mid to upper 80s F.
- Visibility:** Fog is not favored for Monday.

Precip Image: 12 PM CT

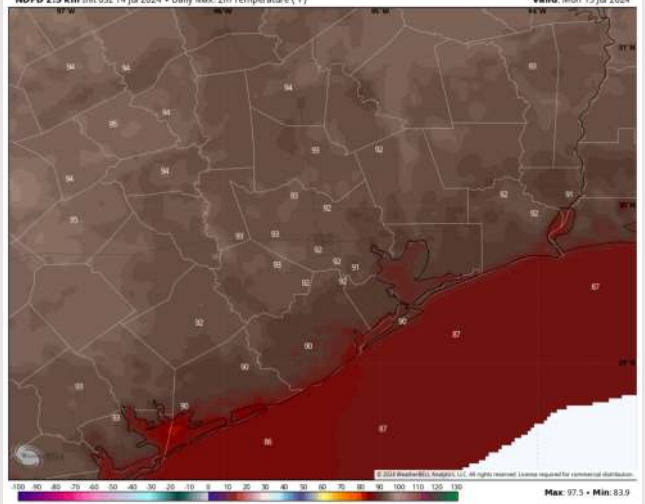


ECMWF 0.1° Init 18z 13 Jul 2024 • 10m Wind Speed • Streamlines (mph) Hour: 51 • Valid: 21z Mon 15 Jul 2024



Wind Speed:
4 PM CT

NDFD 2.5 km Init 03z 14 Jul 2024 • Daily Max 2m Temperature (F) Valid: Mon 15 Jul 2024



High Temps
Monday

Houston Pilots: Tue. 7/16/2024



Forecast Discussion

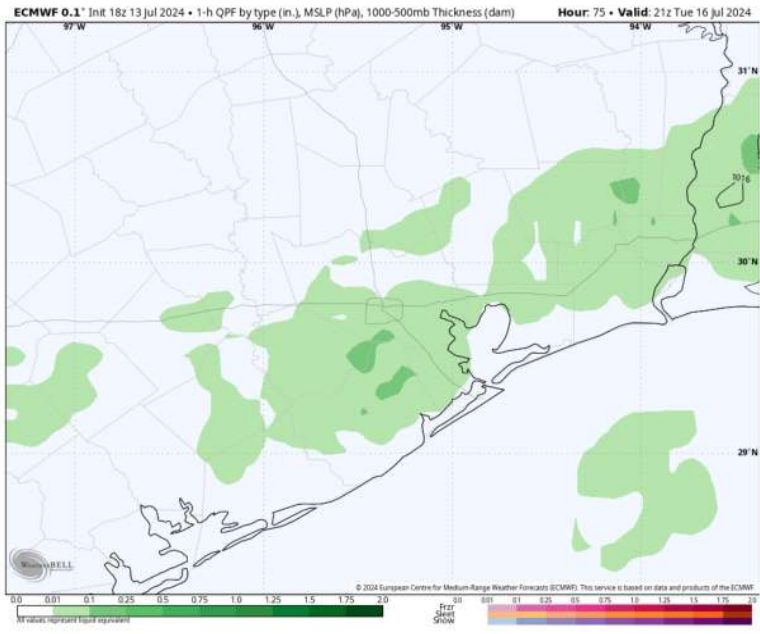
Precip: Scattered showers in play between 10 AM and 6 PM for all Stations. Dry conditions favored outside of that time.

Wind: Winds remain out of the S/SW through TUE. **N of Morgan's Point:** Winds at 3-8 kts through TUE. **S of Morgan's Point:** Winds at 7-12 kts before 6 AM, decreasing to 4-9 kts through 3 PM before returning to 7-12 kts.

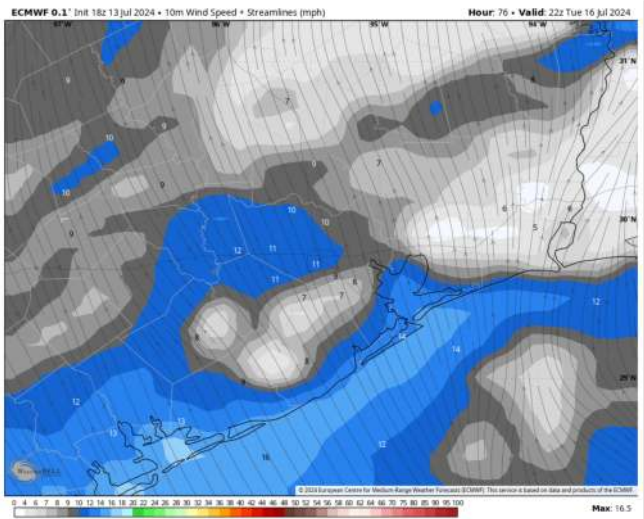
High Temps: **N of Morgan's Point:** Low 90s F. **S of Morgan's Point:** Upper 80s F.

Visibility: Not anticipating any fog concerns for Tuesday.

Precip Image: 4 PM CT



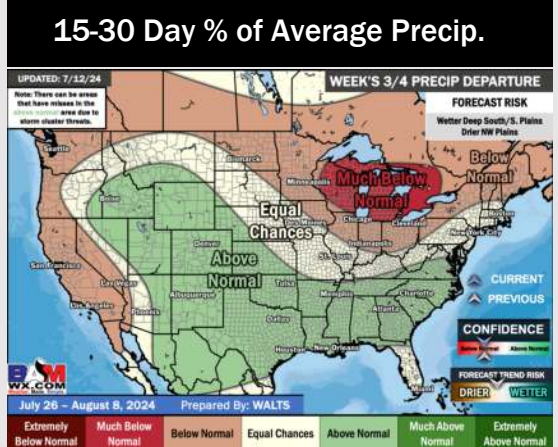
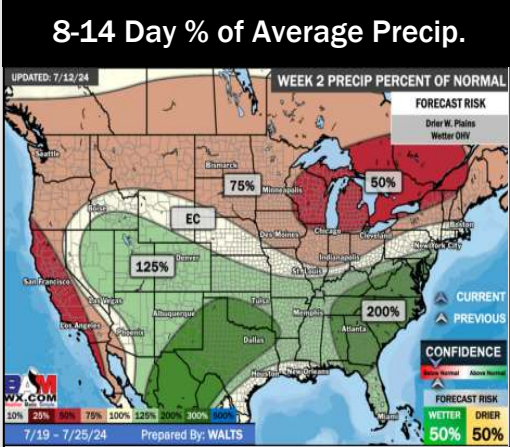
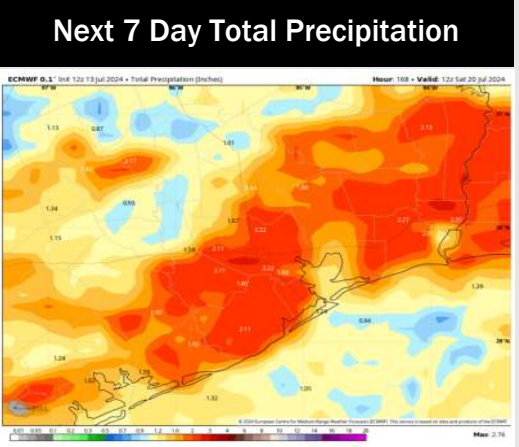
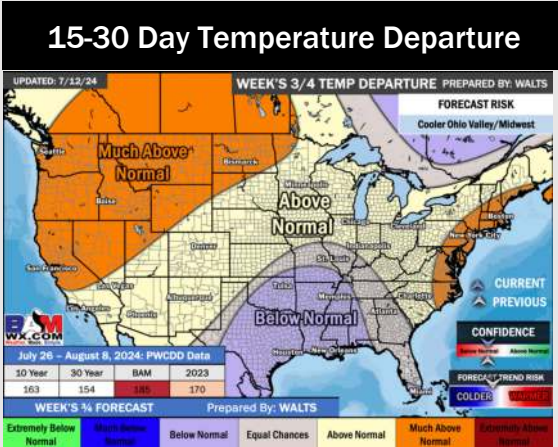
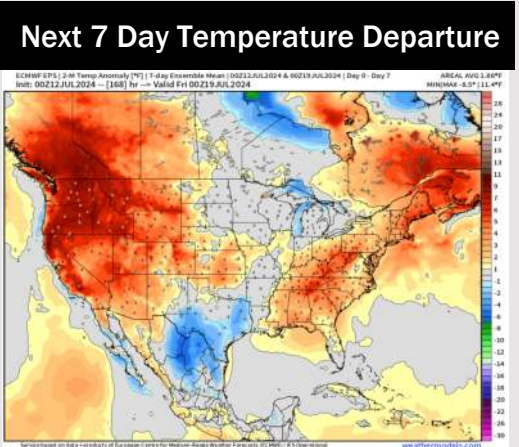
Wind Speed
5 PM CT



High Temps
Tuesday



Houston Pilots: 7/14/24



- Temps are expected to be seasonable/slightly below normal for the week 1 timeframe. Scattered rain/storms will continue to work across the area over the coming days for Week 1.
- Near normal precipitation are favored for the week 2 timeframe. Near normal temperatures are favored for week 2.
- Above normal chances for precipitation and below normal temperatures are favored in the weeks 3/4 timeframe.