

Houston Pilots Forecast Package



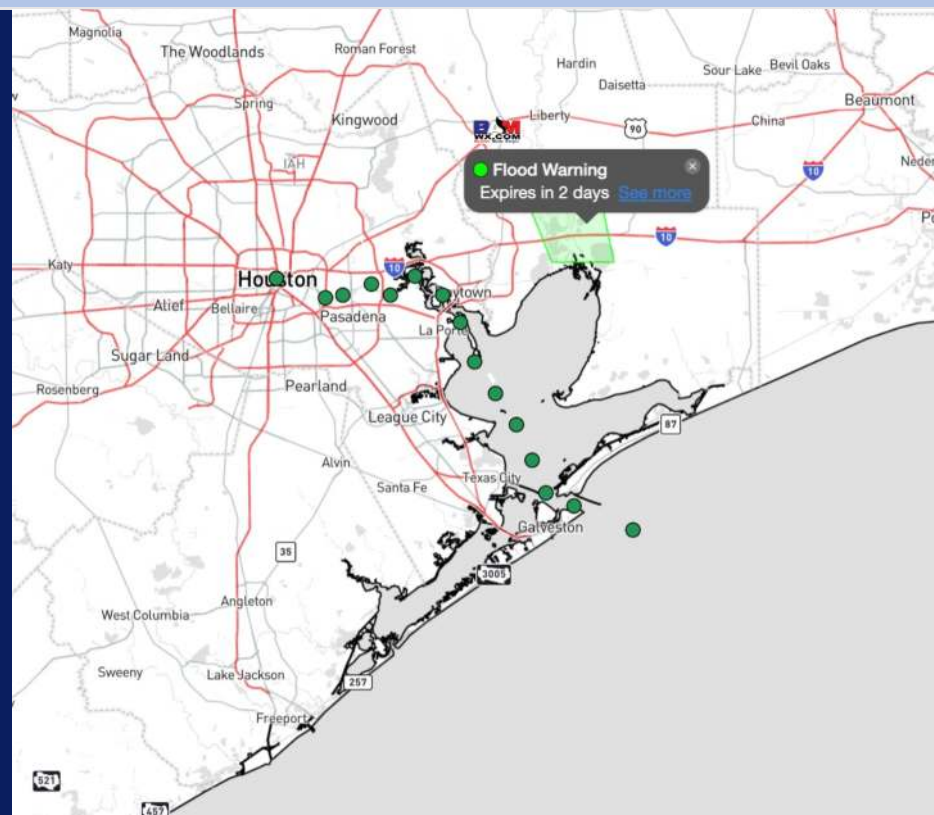
Updated: 11:00 PM CT

Wednesday, June 26, 2024

Forecaster: Xander Lowry

Weather Headlines

- Isolated thunderstorm chances tomorrow with a heavy downpour and gusty winds
- Wave heights are expected remain under 3 feet for the foreseeable future
- Monitoring the low-end potential for possible Tropical Activity. See Tropical Slide for more info.



Current Radar: 10:55 PM CT



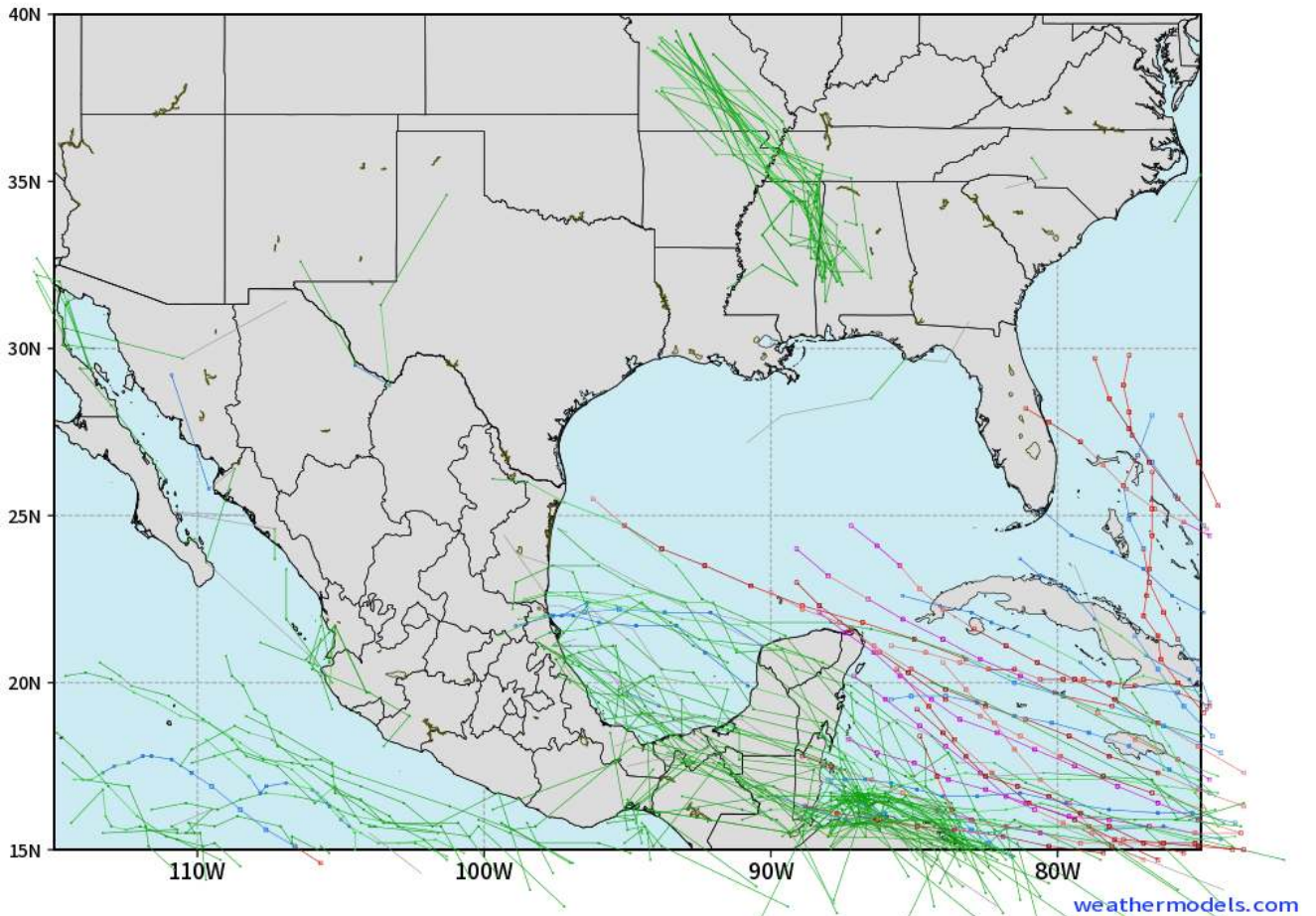
As always, please do not hesitate to reach out to us with any forecast questions via the chat option on Clarity or our on-call number, **(317)-560-8122** press **1** for forecast questions.

Houston Pilots Tropical Update

European Model Next 10 Days - Tropical Tracks

ECMWF GULF EPS Cyclone Locations --> Next [10-days]
INIT: 12Z26JUN2024 --> UNTIL 12Z06JUL2024

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



Monitoring an area of interest currently located off the W Coast of Africa.

With confidence remaining low at this distance, data is providing a possible signal for a Tropical Storm/Low-end Hurricane in the Caribbean/Gulf of Mexico towards the end of the first week of July

Houston Pilots Visibility Chart (miles)



Forecast Confidence



Time	Wed 11pm	Thu 12am	Thu 1am	Thu 2am	Thu 3am	Thu 4am	Thu 5am	Thu 6am	Thu 7am	Thu 8am	Thu 9am	Thu 10am	Thu 11am	Thu 12pm	Thu 1pm	Thu 2pm	Thu 3pm	Thu 4pm	Thu 5pm	Thu 6pm	Thu 7pm	Thu 8pm	Thu 9pm	Thu 10pm
610 Bridge	10	10	10	10	10	10	10	10	6	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	6	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	6	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	7	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	6	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	7	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	7	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	7	10	10	10	10	10	10	10	10	10	10	10	10	10	10	9
63/64	10	10	10	10	10	10	10	10	9	10	10	10	10	10	10	10	10	10	10	10	10	10	10	9
51/52	10	10	10	10	10	10	10	10	9	10	10	10	10	10	10	10	10	10	10	10	10	10	10	9
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 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	Wed 11pm	Thu 12am	Thu 1am	Thu 2am	Thu 3am	Thu 4am	Thu 5am	Thu 6am	Thu 7am	Thu 8am	Thu 9am	Thu 10am	Thu 11am	Thu 12pm	Thu 1pm	Thu 2pm	Thu 3pm	Thu 4pm	Thu 5pm	Thu 6pm	Thu 7pm	Thu 8pm	Thu 9pm	Thu 10pm
610 Bridge	5	5	5	5	5	5	5	4	4	4	4	4	4	3	3	3	4	5	5	6	7	6	6	5
	12	11	11	11	10	11	9	9	8	8	8	8	8	8	7	8	9	10	11	12	12	12	11	12
	SSW	SSW	SSW	SSW	SW	SW	SW	SW	WSW	WSW	WSW	W	WSW	W	W	WSW	SW	S	S	SSE	SSE	SSE	S	S
Kinder 1	5	5	5	5	5	5	4	4	4	4	4	4	4	3	3	3	4	5	6	6	7	6	6	5
	12	11	11	10	10	11	9	9	8	8	8	8	8	8	7	8	9	10	11	12	12	12	11	12
	SSW	SSW	SSW	SSW	SW	SW	SW	SW	WSW	WSW	WSW	W	WSW	W	W	WSW	SW	S	S	SSE	SSE	SSE	S	S
Greens Bayou	5	5	5	5	5	5	4	4	4	4	3	4	4	3	3	4	5	5	5	6	6	6	5	5
	12	11	11	10	10	11	9	9	8	8	8	8	8	8	7	8	9	10	11	12	12	12	11	11
	SSW	SSW	SSW	SW	SW	SW	SW	SW	WSW	WSW	WSW	W	W	W	W	WSW	SSW	SSE	SSE	SSE	SSE	SSE	S	S
Shell Crude	5	5	5	5	5	5	4	4	4	4	3	4	3	3	3	4	5	5	6	7	6	6	5	5
	12	11	11	10	10	11	9	9	8	8	8	8	8	8	7	8	9	10	11	12	12	12	11	11
	SSW	SSW	SSW	SW	SW	SW	SW	SW	WSW	WSW	WSW	W	W	W	WSW	SW	SSW	SSE	SSE	SSE	SSE	SSE	S	S
Lynchburg Ferries	5	5	5	5	5	5	4	4	4	3	3	4	3	3	3	4	5	5	6	6	6	6	5	5
	12	11	11	10	10	11	9	9	8	8	8	8	8	8	7	9	9	10	11	12	12	12	11	11
	SSW	SSW	SSW	SSW	SW	SW	SW	SW	WSW	WSW	WSW	W	W	WSW	W	SW	SSW	SSE	SSE	SSE	SSE	SSE	S	S
Exxon 3	9	9	9	9	8	8	7	7	7	6	5	5	4	4	5	7	7	8	9	9	9	9	9	9
	14	13	13	13	12	12	12	11	11	10	10	9	8	9	8	10	11	12	13	14	14	13	13	14
	SSW	SSW	SSW	SW	SW	SW	SW	SW	WSW	WSW	WSW	WSW	SW	SW	S	S	SSE	SSE	SSE	SSE	SSE	S	S	S
Morgans Point	9	9	9	8	8	8	7	7	7	6	5	5	4	4	5	7	7	9	9	10	9	9	9	9
	14	13	13	12	12	12	12	11	11	10	10	9	8	8	9	11	13	13	14	14	14	14	14	14
	SSW	SSW	SSW	SW	SW	SW	SW	WSW	WSW	WSW	WSW	W	WSW	SSW	S	SSE	SSE	SSE	SSE	S	S	S	S	S
75/76	10	10	9	9	9	9	9	9	8	7	7	6	5	4	4	5	7	8	9	10	11	11	11	10
	15	14	14	14	14	14	13	12	12	11	11	10	9	8	10	12	13	14	15	16	15	15	15	15
	SSW	SW	SSW	SW	SW	SW	SW	WSW	WSW	WSW	WSW	WSW	SSW	S	SSE	SSE	SSE	S	S	S	S	S	SSW	
63/64	10	10	9	9	9	9	9	9	8	7	7	6	5	4	4	5	6	8	9	10	11	11	10	10
	15	14	14	14	14	14	13	12	12	11	11	10	9	8	10	11	13	14	15	16	15	15	15	15
	SSW	SW	SSW	SW	SW	SW	SW	WSW	WSW	WSW	WSW	WSW	SSW	S	S	SSE	SSE	S	S	S	S	S	SSW	
51/52	11	10	10	10	10	10	9	9	9	7	7	7	5	5	4	5	7	8	9	10	11	11	11	10
	15	14	14	14	14	14	14	13	12	12	11	10	9	8	10	12	13	15	15	16	15	15	15	15
	SSW	SSW	SSW	SW	SW	SW	SW	WSW	WSW	WSW	WSW	WSW	SSW	S	S	S	S	S	S	S	S	S	SSW	
37/38	11	10	10	10	10	10	9	9	9	8	7	7	6	5	5	7	9	9	10	11	11	11	11	10
	15	15	15	14	15	14	14	13	13	12	11	11	9	8	10	12	13	15	15	15	15	15	15	15
	SSW	SSW	SSW	SW	SW	SW	SW	WSW	WSW	WSW	WSW	W	WSW	SSW	S	S	S	S	S	S	S	S	SSW	
25/26	10	10	10	10	10	10	9	9	9	8	7	7	6	5	6	7	9	9	10	10	10	10	10	10
	15	14	15	14	15	14	14	13	13	12	11	11	10	10	9	10	12	13	15	15	15	15	15	15
	SSW	SSW	SSW	SW	SW	SW	SW	WSW	WSW	WSW	WSW	WSW	SW	S	SSW	S	S	S	S	S	S	S	SSW	
11/12	9	9	9	9	9	9	9	8	8	7	7	7	6	5	6	7	9	9	9	9	9	9	9	9
	15	14	14	14	14	14	14	13	13	12	11	11	10	10	10	11	12	13	14	15	15	14	14	15
	SSW	SSW	SSW	SW	SW	SW	SW	WSW	WSW	WSW	WSW	WSW	WSW	SW	S	S	S	S	S	S	S	SSW	SSW	
1 & 2 Bravo	11	11	11	11	11	11	11	11	10	9	9	8	7	7	6	7	8	9	9	10	10	11	11	11
	15	16	16	16	17	16	16	16	15	14	13	12	11	11	10	11	12	13	15	15	15	15	15	15
	SSW	SSW	SSW	SSW	SW	SW	SW	SW	WSW	WSW	W	W	WSW	SW	SW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW

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Forecast Discussion

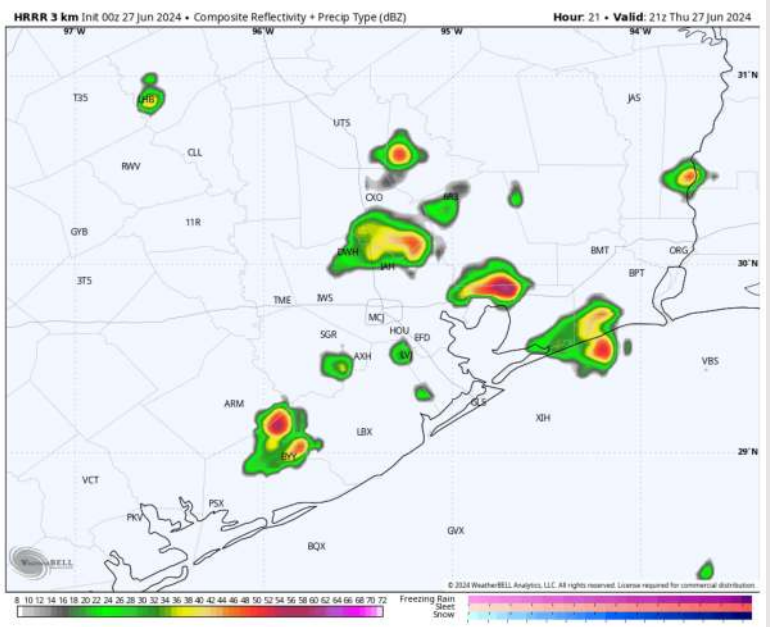
Precip: Dry conditions favored through 2 PM. Scattered showers and thunderstorms (30%) will move into the area after that and through 9 PM. Dry conditions will return through the rest of the night.

Wind: Winds out of the S/SW throughout the day. **N of Morgan's Point:** Winds at 3 –8 kts throughout the day. **S of Morgan's Point:** Winds at 5-11 kts until 5 PM, increasing to 11-19 kts after that and through the remainder of the overnight. **Cannot rule out an isolated 25-30 kts gust in thunderstorms.**

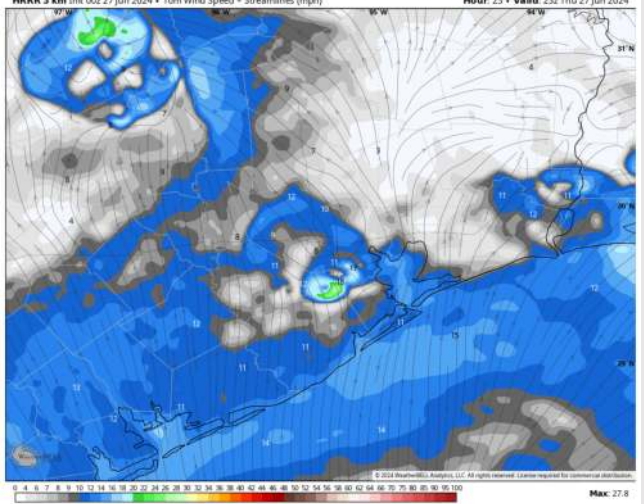
High Temps: **N of Morgan's Point:** Mid 90s F. **S of Morgan's Point:** Upper 80s F

Visibility: Not anticipating any fog concerns for today.

Precip Image: 4 PM CT

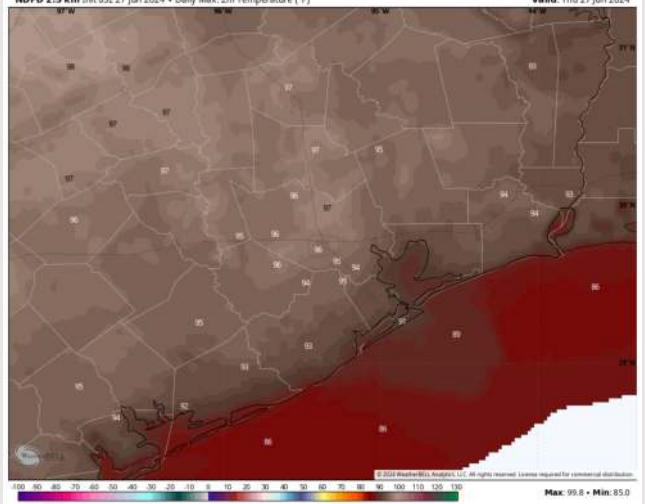


HRRR 3 km Init 00z 27 Jun 2024 • 10m Wind Speed • Streamlines (mph) Hour: 23 • Valid: 23z Thu 27 Jun 2024



Wind Speed:
6 PM CT

NDFD 2.5 km Init 03z 27 Jun 2024 • Daily Max, 2m Temperature (°F) Valid: Thu 27 Jun 2024



High Temps
Today

Houston Pilots: Fri. 6/28/2024



Forecast Discussion

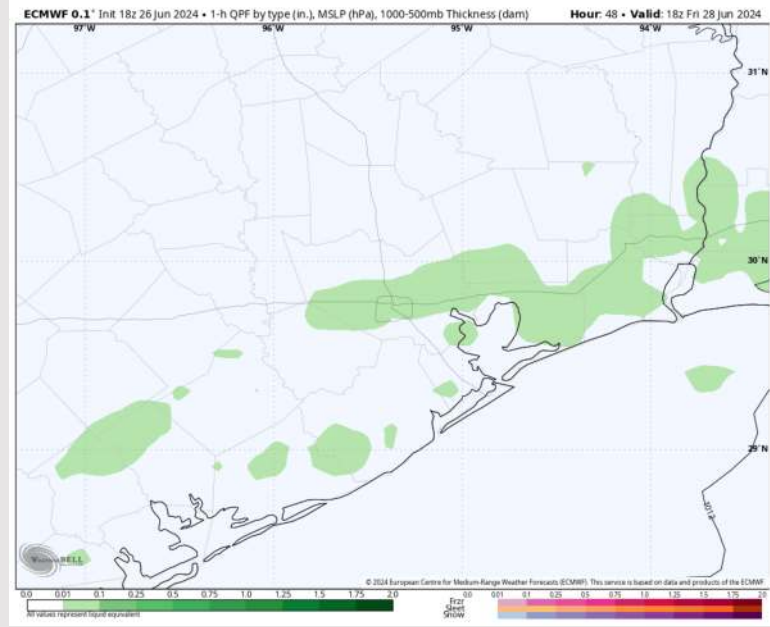
Precip: Hit/Miss (30%) showers possible between 7 AM – 6 PM, then favoring dry conditions through the remainder of the overnight.

Wind: Winds expected to be out of the S/SW throughout Friday. **N of Morgan's Point:** Favoring winds at 5-9 kts through 12PM. After 12PM favoring winds of 7 – 12 kts throughout the rest of the day. **S of Morgan's Point:** Favoring winds at 10-15 kts through 7 PM, increasing to 12-17 kts after that time.

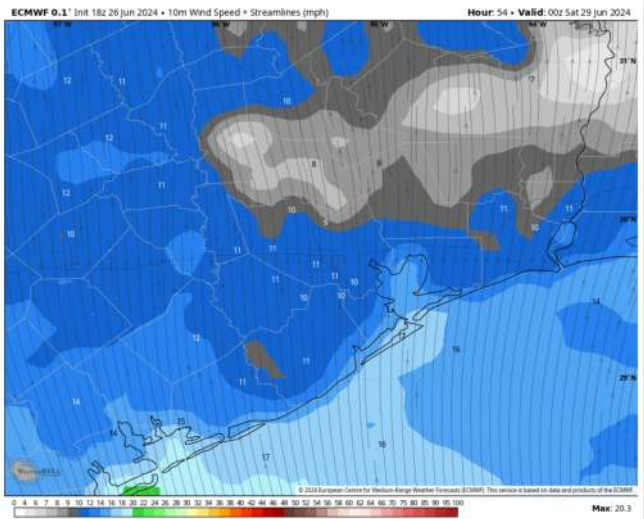
High Temps: **N of Morgan's Point:** Mid 90s **F. S of Morgan's Point:** Mid-Upper 80s F

Visibility: Not favoring any fog concerns for Friday.

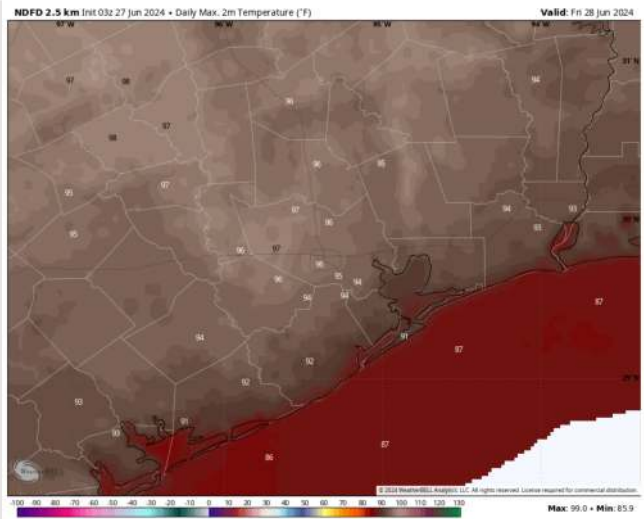
Precip Image: 1 PM CT



Wind Speed
7 PM CT



High Temps
Friday



Houston Pilots: sat. 6/29/2024



Forecast Discussion

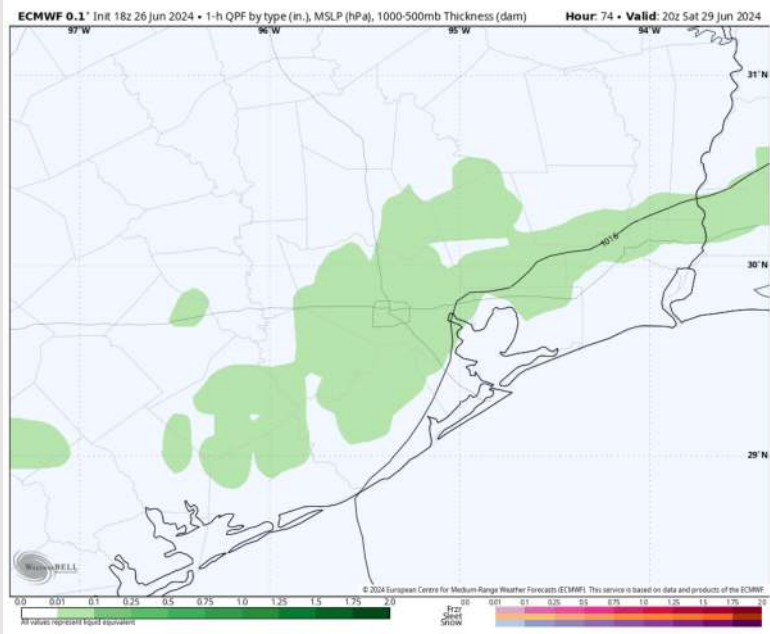
Precip: Scattered to widespread showers/storms favored to begin starting at 12PM and continue through 5PM. Favoring dry conditions throughout the rest of the day.

Wind: Winds will be out of the S/SE throughout the day. **N of Morgan's Point:** Winds will be 4-9 kts through 4PM, before winds increase to 8 - 13 kts for the rest of the day. **S of Morgan's Point:** Winds at 18 - 23 kts to start the day with winds slowly decreasing to 10 - 15 kts by 10AM and remaining there for the rest of the day. **Non-thunderstorms wind gusts of 20-25 kts will be possible through 7AM.**

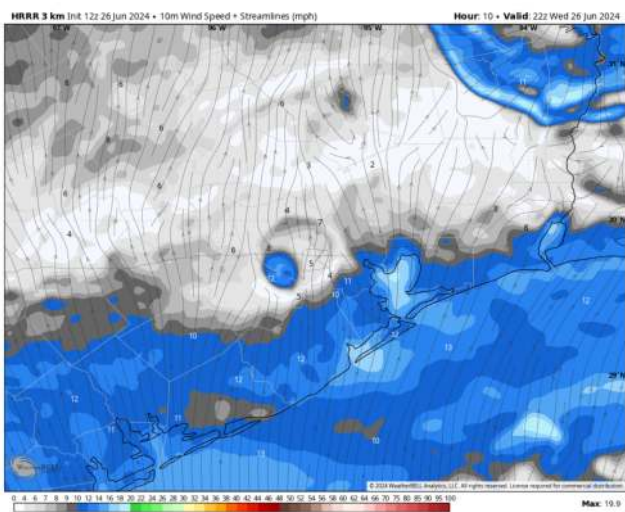
Low Temps: **N of Morgan's Point:** Upper 90s F. **S of Morgan's Point:** Mid 80s F

Visibility: Not anticipating any fog concerns for Saturday.

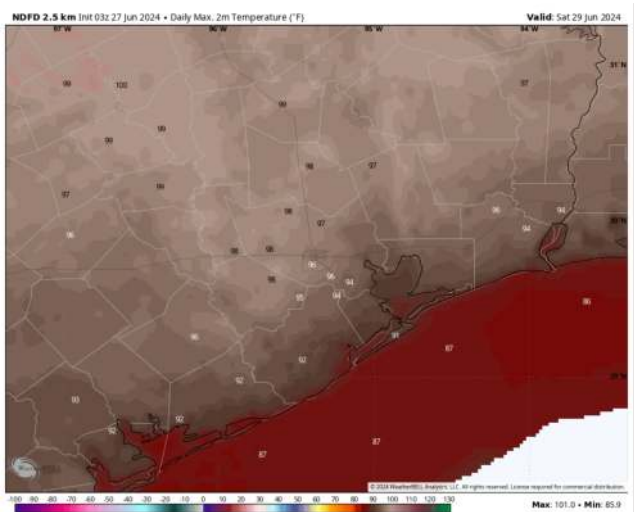
Precip Image: 3 PM CT



Wind Speed:
5 PM CT

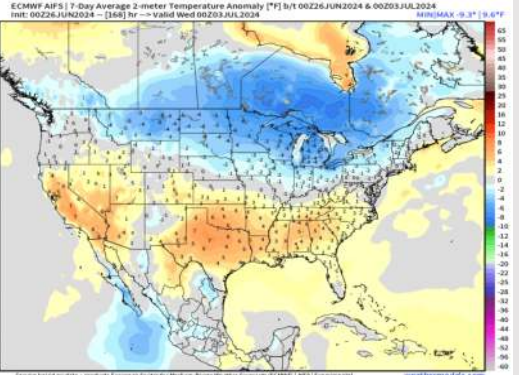


High Temps
Saturday

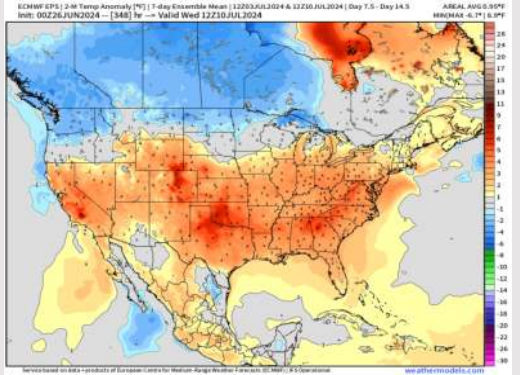


Houston Pilots: 6/26/24

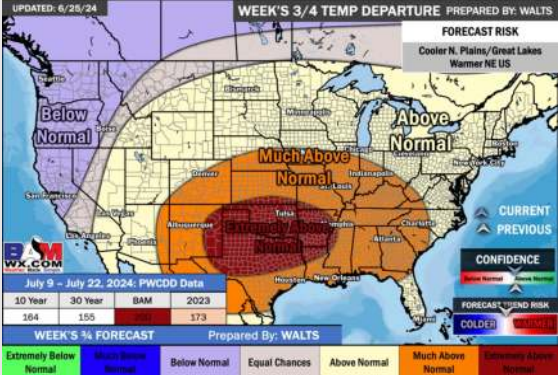
Next 7 Day Temperature Departure



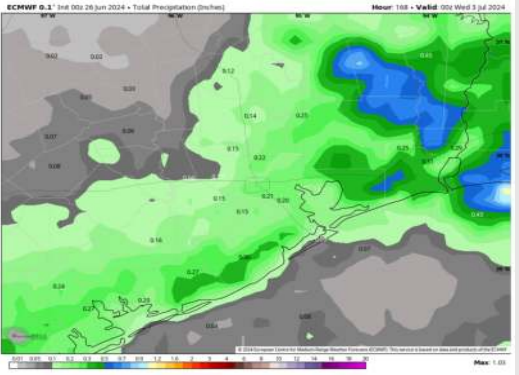
8-14 Day Temperature Departure



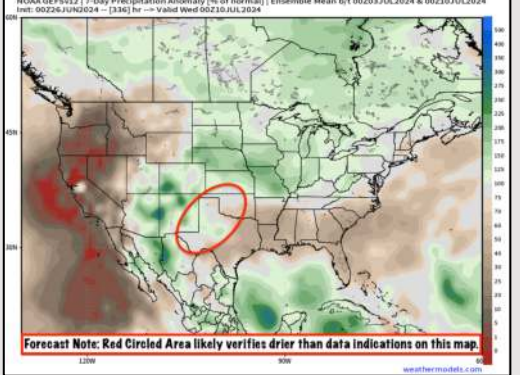
15-30 Day Temperature Departure



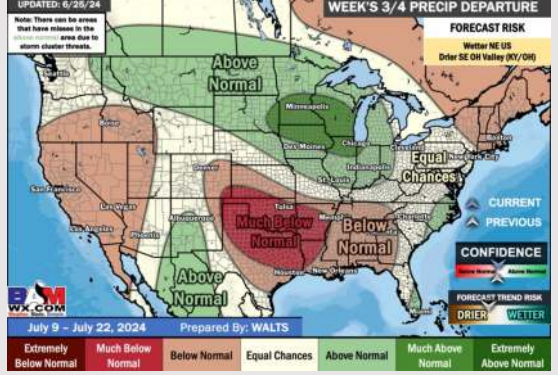
Next 7 Day Total Precipitation



8-14 Day % of Average Precip.



15-30 Day % of Average Precip.



- Temps are expected to be above normal for the week 1 timeframe. A drier week favored with only scattered rain/storm chances throughout the week.
- Well below normal precipitation chances are at play during the week 2 timeframe. Temps are expected to be above normal for week 2.
- Much below normal chances for precipitation and above normal temperatures are favored in the weeks 3/4 timeframe.