Houston Pilots Forecast Package

Updated: 5:00 AM CT

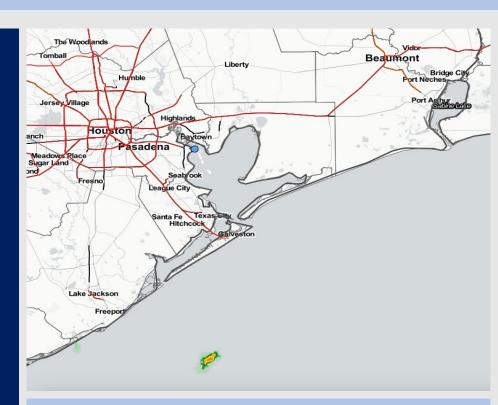
Thursday, July 27, 2023

Forecaster: Xander Lowry



Weather Headlines

- Pop-up chances will continue to be possible over the next few days (low end 10% chances)
- Excessive heat concerns (90+ F) to continue throughout at least next week.
- No active tropical threats to SE TX for next 7-10 days.
- Winds are primarily favored to remain calm, especially during the morning hours (<10 kts) with speeds seldom exceeding 15 kts in the PM over the next 72 hours.</p>



Radar/NWS Alerts: 5:00 AM CT



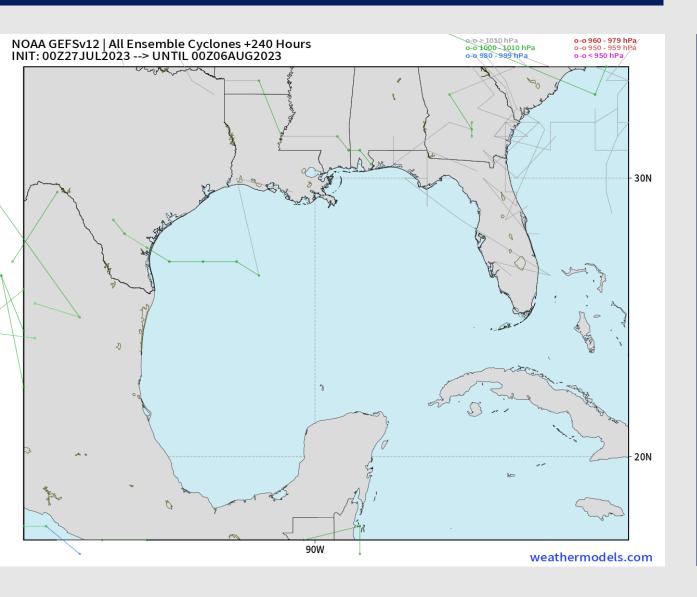
As always, please do not hesitate to reach out to us with any forecast questions via the chat option on the Weather Porthole or our on-call number, (317)-560-8122 press 1 for forecast questions.

Houston Pilots Tropical Update





American Model Low Pressure Tracks Next 10-Days



No tropical activity anticipated over the next 10 days for SE TX.

No other areas of interest being noted across the Atlantic/Gulf

Houston Pilots Visibility Chart (miles)





Forecast Confidence



Below Normal

| Time | 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 | Thu 11pm | Fri 12am | Fri 1am | Fri 2am | Fri 3am | Fri 4am | Fri 5am | Fri 6am | Fri 7am | Fri 8am | Fri 9am | Fri 10am | Fri 11am | Fri 12pm | Fri 1pm | Fri 2pm |
|----------------------|------------|------------|------------|------------|------------|------------|------------|-------------|-------------|-------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|-------------|-------------|-------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|-------------|-------------|-------------|------------|------------|
| 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 | 10 | 10 | 10 | 10 | 8 | 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 | 10 | 10 | 10 | 9 | 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 | 10 | 10 | 10 | 8 | 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 | 10 | 10 | 10 | 9 | 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 | 10 | 10 | 10 | 9 | 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 | 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 | 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 | 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 | 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 | 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 | 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 | 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 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| 1 & 2 Brayo | 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 | 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







Sustained wind 13 Knots

Gusts 18 Knots

WS: 13

G:18

N

| Time Knots | 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 | Thu 11pm | Fri 12am | Fri 1am | Fri 2am | Fri 3am | Fri 4am | Fri 5am | Fri 6am | Fri 7am | Fri 8am | Fri 9am | Fri 10am | Fri 11am | Fri 12pm | Fri 1pm | Fri 2pm |
|----------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|--------------|-------------------|----------------|----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|--------------|-------------|-------------|-------------|---------------|---------------|---------------|-------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|
| 610 Bridge | 2 5 5 | 2 5 SF | 2 5 SF | 1 3 F | 2 2 NF | 0 3 F | 2 5 SSF | 4 6 SSE | 4 6 SF | 6 7 SF | 6 8 SF | 7 9 SF | 7 8 SF | 7 10 SE | 8 11 SE | 9 11 SE | 9 11 SSF | 8 11 SSF | 7 10 SSE | 6 10 S | 5 8 S | 4 7 S | 4 6 5 | 4 6 5 | 3 5 SSW | 3 5 5 | 2 3 5 | 1 2 SSW | 1 1 SSE | 1 2 5 | 2 3 SSW | 3 5 SSW | 4 5 S | 4 5 SSE | 4 6 SE | 5 7 SE |
| Kinder 1 | 2 5 8 | 2 4 SF | 2 4 SF | 2 3 F | 2 2 NF | 0 3 F | 2 5 SSE | 3 6 SSE | 4 6 SF | 6 7 SF | 7 8 SF | 7 9 SE | 7 9 SE | 8 10 SE | 8 11 SF | 9 11 SF | 9 11 SSE | 8 11 SSE | 7 10 SSE | 6 9 | 5 8 8 | 4 7 8 | 4 6 8 | 4 6 | 3 4 SSW | 3 5 SSW | 2 3 SSW | 1 2 SSW | 1 1 SSE | 1 2 5 | 2 3 SSW | 3 5 SSW | 3 5 8 | 4 5 SSF | 5 6 SF | 6 7 SE |
| Greens Bayou | 2 5 8 | 1 4 SSE | 2 4 SE | 1 3 F | 2 2 NE | 0 3 ESE | 2 5 SSE | 3 6 SF | 5 6 SF | 6 8 SF | 7 9 SF | 8 10 SE | 8 10 SE | 8 11 SF | 9 12 SF | 9 11 SF | 9 11 SSE | 8 11 SSF | 7 10 SSE | 6 9 8 | 5 8 8 | 4 7 8 | 4 6 5 | 4 5 SSW | 3 5 SSW | 3 5 SSW | 2 3 SSW | 1 2 SSW | 1 2 SSW | 3 | 2 3 SSW | 3 5 SSW | 3 4 | 4 5 SSF | 5 6 SF | 6 7 SE |
| Shell Crude | 2 5 S | 1 4 S | 1 4 SE | 1 3 ENE | 1 3 NE | 0 4 ESE | 3 5 SSE | 4 7 SE | 6 7 SE | 7 8 SE | 8 10 SE | 8 10 SE | 8 10 SE | 9 11 SE | 9 12 SE | 10 12 SE | 9 11 SSE | 8 11 SSE | 7 10 SSE | 6 9 S | 5 8 S | 4 7 S | 4 6 S | 4 5 SSW | 3 5 SSW | 3 5 SSW | 2 3 SSW | 1 2 SW | 1 2 WSW | 2 3 SSW | 2 4 SSW | 3 5 SSW | 3 5 8 | 5 5 SSE | 5 7 SE | 7 8 SE |
| Lynchburg Ferries | 6 | 1 5 | 1 4 88F | 1 4 SE | 1 3 ESE | 0 4 ESE | 3 5 SSE | 4 7 SE | 6 7 SE | 7 8 SE | 8 10 SE | 8 10 SE | 9 11 SE | 9 11 SE | 9 12 SE | 11 13 SE | 10 12 SSE | 9 11 SSE | 7 10 SSE | 7 9 | 6 8 | 5 7 8 | 4 | 4 6 SSW | 4 5 SSW | 3 5 SSW | 2 3 SW | 2 3 SW | 2 2 WNW | 3 | 3 4 88W | 3 5 5 | 3 5 | 5 6 SSE | 6 7 SSE | 7 8 SSE |
| Exxon 3 | 2 7 SSW | 2 7 SSW | 1 6 SSW | 1 6 SSW | 1 4 SSW | 0 4 F | 2 5 SF | 4 6 SF | 6 7 SF | 7 8 SF | 8 10 SE | 9 10 SSE | 9 12 SE | 9 12 SE | 10 13 SE | 11 13 SSE | 11 13 SSE | 9 12 SSE | 8 11 SSE | 7 9 8 | 6 9 | 6 8 8 | 5 7 8 | 5 6 SSW | 4 6 SW | 4 5 SW | 3 4 SW | 3 4 wsw | 2 3 WNW | 2 3 SW | 3 4 WSW | 3 5 SSW | 4 5 88F | 5 6 SSE | 7 8 SSE | 8 9 SSE |
| Morgans Point | 4 | 4 8 SSW | 3 7 SSW | 2 6 SW | 2 5 SW | 1 4 | 2 4 | 5 6 | 6 7 | 6 8 | 8 9 SE | 9 11 SSE | 10 12 SE | 11 13 SE | 11 13 SE | 12 14 SSE | 12 14 SSE | 10 12 SSE | 9 11 SSE | 8 10 | 8 | 7 9 | 6 8 | 6 7 SSW | 5 6 sw | 4 6 ew | 4 5 ew | 3 4 wew | 3 4 W | 3 4 wew | 3 4 wsw | 3 5 | 4 5 | 6 7 | 7 9 | 9 10 SSE |
| 75/76 | 6 8 SSW | 6 8 8 | 5 7 | 4 6 SSW | 3 5 | 2 4 SSE | 3 5 | 5 6 | 6 7 | 6 8 | 8 9 SE | 10 11 SE | 12 13 SE | 12 13 SE | 12 14 SE | 14 15 SSE | 13 15 SSE | 12 14 SSE | 11 12 SSE | 10 11 | 10 11 | 9 10 | 8 9 | 7 8 SSW | 6 7 | 5 6 | 5 6 | 4 5 | 3 4 | 4 4 W | 4 5 | 3 5 | 5 6 | 6 7 | 8 9 | 10 11 SE |
| 63/64 | 6 8 | 7 8 | 6 7 | 4 6 | 4 5 | 3 4 | 4 5 | 5 6 | 6 7 | 7 8 SE | 8 9 SE | 10 10 SE | 11 12 SE | 12 13 SE | 12 13 SE | 13 14 SSE | 13 14 SSE | 12 13 SSE | 10 11 SSE | 9 | 9 | 9 10 | 8 9 | 7 8 SSW | 6 7 SSW | 5 6 SW | 5 5 5 SW | 3 4 WSW | 3 4 | 3 4 wsw | 4 5 | 3 4 ESE | 4 6 ESE | 6 7 ESE | 7 9 | 9 11 SE |
| 51/52 | 7 8 | 7 8 | 6 7 | 5 | 4 5 | 4 5 SSE | 4 5 | 5 6 | 6 7 | 7 8 | 8 8 8 SE | 10 10 SE | 10 11 SE | 10 11 SE | 11 12 SE | 12 13 SSE | 12 13 SSE | 11 12 SSE | 9 10 SSE | 9 | 9 | 9 10 | 8 9 | 7 7 SSW | 6 6 SSW | 5 6 | 4 5 | 3 3 wew | 3 3 | 3 4 wew | 4 | 3 4 | 4 6 | 5 7 | 7 9 | 9 10 SE |
| 37/38 | 7 8 8 | 7 8 SSE | 6 7 | 5 6 | 4 5 | 3 5 | 4 5 | 5 6 | 6 7 | 7 7 8E | 8 8 8 | 9 9 SE | 9 10 SE | 10 10 SSE | 10 10 SSE | 11 12 SSE | 10 12 SSE | 9 10 SSE | 8 9 SSE | 8 9 | 8 9 | 8 9 | 7 8 | 6 7 | 5 6 esw | 4 5 ew | 3 4 SW | 2 3 WSW | 2 3 w | 2 3 WSW | 4 4 wsw | 3 4 ESE | 4 5 | 6 7 | 7 9 | 8 10 |
| 25/26 | 6 8 S | 6 8 SSE | 5 7 SSE | 5 6 SSE | 4 5 SSE | 3 4 SE | 4 5 SE | 6 6 ESE | 6 7 SE | 6 7 SE | 8 8 SE | 8 9 SE | 9 9 SE | 9 9 SSE | 9 9 SSE | 9 10 SSE | 9 10 SSE | 8 9 SSE | 7 8 SSE | 7 8 8 | 7 8 | 7 8 8 | 6 7 | 6 | 5 5 SSW | 4 5 SSW | 3 4 SW | 2 3 WSW | 2 3 WSW | 2 3 WSW | 3 4 SSW | 3 4 SF | 4 5 SE | 6 6 8 | 7 8 SE | 8 9 SE |
| 11/12 | 6 8 S | 6 8 SSE | 6 7 SSF | 5 6 SSE | 4 5 SSE | 4 4 SF | 5 5 5 | 6 7 FSF | 6 6 SF | 6 6 SF | 7 7 SF | 7 8 SF | 8 8 8 | 8 9 SSF | 8 9 SSE | 8 10 SSF | 8 9 SSE | 8 9 SSF | 7 8 SSE | 7 8 8 | 7 8 8 | 7 8 8 | 7 8 8 | 6 7 8 | 5 6 SSW | 4 5 SSW | 4 5 SW | 3 3 SW | 2 3 WSW | 3 3 WSW | 3 4 SW | 3 4 SSE | 4 5 SSF | 5 6 SF | 7 8 SF | 7 9 SF |
| 1 & 2 Bravo | 8 8 SSF | 7 8 8 | 6 7 SSE | 6 6 SSF | 5 6 SSE | 5 5 5 | 6 6 FSF | 6 6 FSF | 5 5 FSF | 5 5 5 | 6 6 SF | 6 7 SE | 7 7 SE | 8 8 8 | 8 8 8 | 9 9 SSF | 9 10 SSF | 9 9 SSF | 8 9 SSF | 8 9 5 | 9 | 8 9 5 | 8 9 S | 7 7 8 | 6 7 SSW | 6 6 SSW | 4 5 SW | 4 4 5W | 3 3 SW | 3 4 SW | 3 4 SSW | 3 4 SSF | 4 5 5 | 4 5 SSF | 5 7 SE | 6 8 SSF |

NOTE: This is automated data that may/may not agree with the official BAM thinking that's found on the daily slides.

This data should be used as a guide only

Houston Pilots: Thu. 7/27/2023





Forecast Discussion

Precip: Favoring mostly dry conditions today, aside from a 10% chance of isolated showers/thunderstorms between 6 AM - 12 PM and 2 - 3 PM. After 3 PM expect conditions to remain dry for the rest of the day.

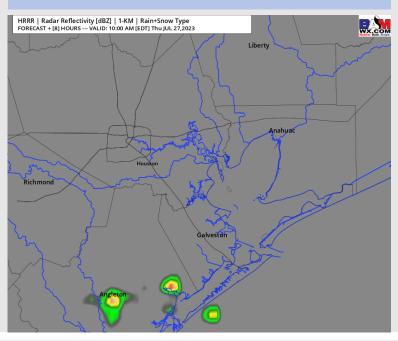
Wind: Winds will be out of the S/SE throughout the day for all stations. For stations N of Morgan's Point, winds of 2 - 7 kts will continue through 3 PM. After 3 PM winds will increase to 6 - 11 kts through 8 PM. After 8 PM winds will decrease down to 3-8 kts for the rest of the evening. For stations S of Morgan's point, winds will be 3 - 8 kts through 2 PM. After 2 PM winds will increase to 10-15 kts for the rest of the day.

Temps: High temperatures today will be in the mid/upper 80s F for the Boarding Station, low 90s F for all other Stations S of Morgan's Point and in the mid/upper 90s F N of Morgan's Point.

Visibility: Not anticipating any visibility concerns at this time. HRRR | 10-meter Wind Speed (mph) & Direction

Wind Speed: 6 PM CT

Precip Image: 9 AM CT



Valid: Thu 27 Iul 2023



NDFD 2.5 km Init 08z 27 lul 2023 • Daily Max. 2m Temperature (°F

High Temps Today

Houston Pilots: Fri. 7/28/2023





Forecast Discussion

Precip: Anticipating dry conditions for the majority of the day Friday, with an isolated shower/thunderstorm (10%) possible for the boarding station between 5 – 9 AM and for stations N of Morgan's point between 5 - 7 PM. After 7 PM expect conditions to remain dry for the rest of the evening.

Wind: Winds will be out of the SW during the morning Friday before shifting to out of the S/SE between 1-2 PM and remaining that way for the rest of the day. Winds north of Morgan's point will be near-calm at 1 – 6 kts through 3 PM when then they will increase to 5-10 kts for the rest of the day. Winds south of Morgan's Point will be at 6 – 11 kts until 4 AM before decreasing to 2 – 7 kts through 1 PM. After 1 PM winds will increase to 12 – 17 kts for the rest of the day.

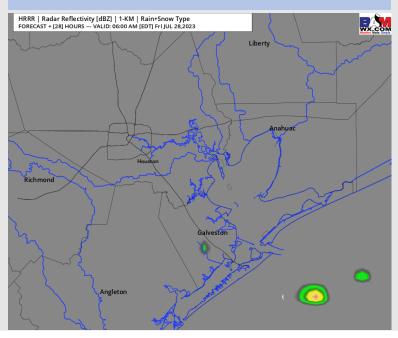
Temps: High temperatures Friday will be in the mid/upper 90s F north of Morgan's Point and in the lower 90s F south of Morgan's Point. The Boarding Station can expect temperatures in the upper 80s F.

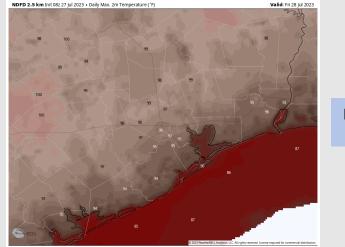
Visibility: Not anticipating any visibility concerns at this time.

HRRR | 10-meter Wind Speed (mph) & Direction

Wind Speed: 4 PM CT Richmond Angleton

Precip Image: 5 AM CT





High Temps Friday

Houston Pilots: Sat. 7/29/2023





Forecast Discussion

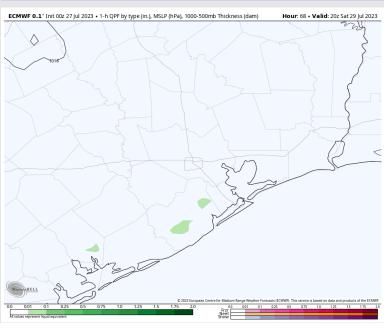
Precip: Favoring mostly dry conditions Saturday, aside for a 10% chance for an isolated shower/thunderstorm from 3-6 PM.

Wind: Winds will be out of the S/SW through 2 PM when then winds will shift to be out of the S/SE for the rest of the day. For stations N of Morgan's point winds will be 2 – 7 kts until 7 PM when then winds will increase to 5 – 10 kts for the rest of the evening. Stations S of Morgan's points will have winds of 5-10 kts until 6 AM. After 6 AM winds will decrease to 2-7 kts until 4 PM when then winds will increase to 8-13 kts for the rest of the day.

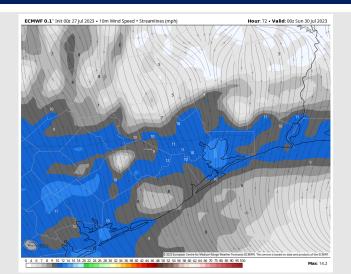
Temps: High temperatures Saturday will be in the upper 80s for the Boarding Stations, low/mid 90s F for all other Stations S of Morgan's Point and in the upper 90s N of Morgan's Point.

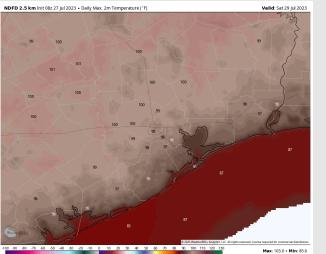
Visibility: Not anticipating any visibility concerns at this time.

Precip Image: 3 PM CT



Wind Speed: 7 PM CT



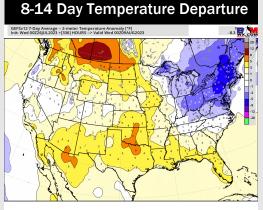


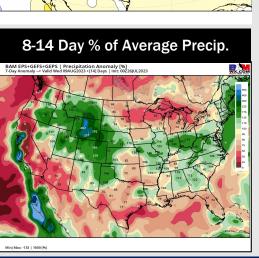
High Temps Saturday

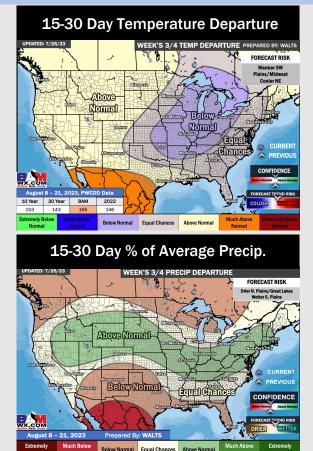
Houston Pilots: 7/27/23











- Above normal temperatures are favored over the next week. Anticipating low-end rain chances to be possible for the area over the next few days.
- Expecting much below normal precipitation chances and above normal temperatures for the week 2 timeframe.
- > Above normal temperatures and below normal chances for precipitation are favored in the weeks 3/4 timeframe.