Houston Pilots Forecast Package

Updated: 5:00 AM CT

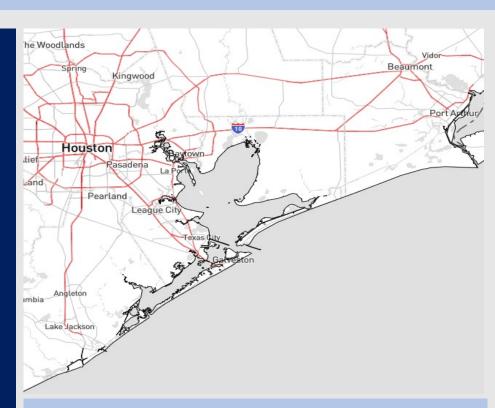
Tuesday, July 25, 2023

Forecaster: Xander Lowry



Weather Headlines

- Pop-up chances will continue to be possible over the next few days.
- Excessive heat concerns (90+ F) to continue throughout at least next week.
- No active tropical threats to SE TX for next 7-10 days. Weak disturbance near Lesser Antilles to not pose a threat.
- Low end patchy fog risks will be dependent on locations impacted by rain/storms.



Radar/NWS Alerts: 5:00 AM CT



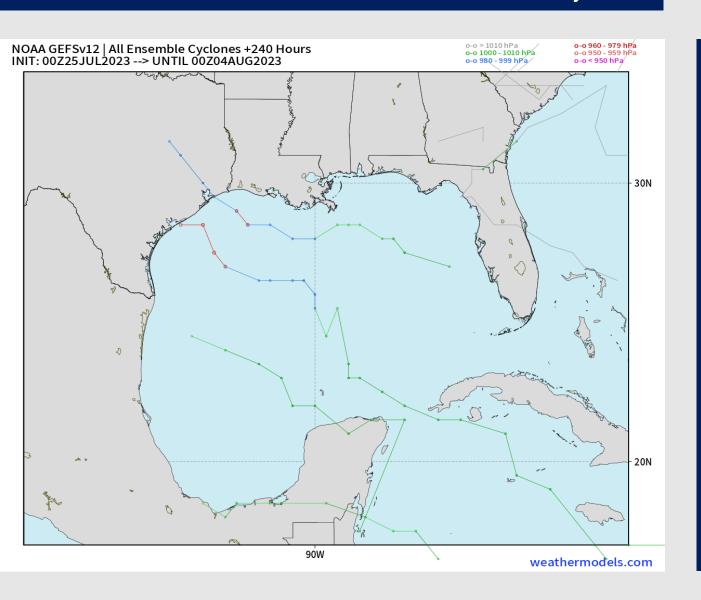
As always, please do not hesitate to reach out to us with any forecast questions via the chat option on the Weather Porthole or our on-call number, (317)-560-8122 press 1 for forecast questions.

Houston Pilots Tropical Update





American Model Low Pressure Tracks Next 10-Days



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

Activity near Lesser
Antilles continues to
remain fairly weak, and
if any further
development occurs
will remain to the east
of the Gulf of Mexico

Houston Pilots Visibility Chart (miles)





Forecast Confidence



Below Normal

| Time | 3am | 4am | 5am | 6am | 7am | 8am | 9am | 10am | 11am | 12pm | 1pm | 2pm | 3pm | 4pm | 5pm | 6pm | 7pm | 8pm | 9pm | 10pm | 11pm | 12am | 1am | 2am | 3am | 4am | 5am | 6am | 7am | 8am | 9am | 10am | 11am | 12pm | 1pm | 2pm |
|----------------------|-----|-----|-----|-----|-----|-----|-----|------|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|-----|-----|
| 610 Bridge | 10 | 10 | 10 | 10 | 7 | 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 | 7 | 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 |
| Greens Bayou | 10 | 10 | 10 | 10 | 7 | 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 | 7 | 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 |
| Lynchburg Ferries | 10 | 10 | 10 | 10 | 7 | 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 |
| Exxon 3 | 10 | 10 | 10 | 10 | 7 | 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 | 7 | 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 | 7 | 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 | 7 | 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 9. 2 Provo | 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 | Tue 3am | Tue 4am | Tue 5am | Tue 6am | Tue 7am | Tue 8am | Tue 9am | Tue 10am | Tue 11am | Tue 12pm | Tue 1pm | Tue 2pm | Tue 3pm | Tue 4pm | Tue 5pm | Tue 6pm | Tue 7pm | Tue 8pm | Tue 9pm | Tue 10pm | Tue 11pm | Wed 12am | Wed 1am | Wed 2am | Wed 3am | Wed 4am | Wed 5am | Wed 6am | Wed 7am | Wed 8am | Wed 9am | Wed 10am | Wed 11am | Wed 12pm | | Wed 2pm |
|----------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|-------------|---------------|---------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|----------------|---------------|--------------|--------------|--------------|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|-----------------|
| 610 Bridge | 0 2 ENE | 1 1 SE | 2 2 S | 2 4 S | 2 6 S | 3 8 S | 3 6 S | 4 7 S | 4 6 S | 3 4 S | 3 4 SE | 6 8 SE | 7 9 SE | 8 10 SSE | 10 13 SSE | 9 11 SSE | 9 10 SSE | 8 10 SSE | 7 9 S | 6 9 S | 5 9 S | 5 7 S | 5 7 S | 4 6 S | 4 5 S | 4 5 S | 2 4 S | 2 3 S | 2 3 S | 2 4 S | 3 5 SSW | 4 6 SSW | 4 6 SSW | 4 6 S | 4 6 SSE | 5 8 SSE |
| Kinder 1 | 1 2 NE | 1 1 SE | 2 2 SSE | 2 4 S | 2 6 S | 3 8 5 | 3 6 S | 4 7 S | 4 6 S | 3 4 SSE | 4 5 SE | 7 8 SE | 8 10 SE | 8 11 SSE | 10 13 SSE | 9 11 SSE | 9 10 SSE | 8 10 SSE | 7 9 S | 6 9 S | 5 8 S | 5 7 S | 5 7 S | 4 6 S | 4 5 S | 4 5 SSW | 2 4 S | 2 3 S | 2 3 S | 2 4 S | 3 5 SSW | 4 6 SSW | 4 6 SSW | 4 6 S | 4 6 SSE | 6 8 SSE |
| Greens Bayou | 1 2 ENE | 1 1 ESE | 2 2 SSE | 2 4 S | 2 5 S | 3 8 SSW | 3 6 S | 5 7 S | 4 6 S | 4 5 SSE | 6 7 SE | 7 9 SE | 9 11 SE | 9 12 SE | 10 13 SSE | 9 11 SSE | 9 10 SSE | 8 10 SSE | 7 9 S | 6 9 S | 5 8 S | 5 7 S | 5 7 S | 4 6 S | 4 5 S | 3 5 SSW | 2 4 S | 2 3 S | 2 3 S | 3 4 SSW | 3 5 SSW | 4 6 SSW | 4 6 SSW | 4 6 S | 4 6 SSE | 6 8 SSE |
| Shell Crude | 1 2 NE | 1 1 ESE | 1 1 SSE | 2 4 S | 2 5 S | 3 7 SSW | 3 6 S | 4 7 S | 4 6 S | 5 6 SE | 7 8 SE | 8 10 SE | 9 12 SE | 10 13 SE | 10 13 SSE | 9 11 SSE | 9 11 SSE | 8 10 SSE | 7 9 S | 6 9 S | 5 8 S | 5 7 S | 5 7 S | 4 6 S | 4 6 SSW | 4 5 SSW | 2 4 SSW | 2 3 SSW | 2 3 S | 3 4 SSW | 3 5 SSW | 4 6 SSW | 4 6 S | 5 6 SSE | 5 7 SSE | 7 8 SSE |
| Lynchburg Ferries | 1 2 ENE | 1 1 E | 1 1 SE | 3 4 S | 2 5 S | 2 7 SSW | 4 7 S | 5 7 S | 5 6 SSE | 6 7 SE | 7 9 SE | 9 11 SE | 10 13 SSE | 11 14 SSE | 11 14 SSE | 10 12 SSE | 10 11 SSE | 8 11 SSE | 7 10 S | 7 9 S | 6 8 S | 5 8 S | 5 8 S | 5 7 SSW | 4 6 SSW | 4 5 SSW | 3 4 SSW | 2 3 SSW | 2 3 S | 3 4 SSW | 4 5 SSW | 4 6 SSW | 4 6 S | 5 6 SSE | 5 7 SSE | 7 9 SSE |
| Exxon 3 | 1 2 E | 0 2 SE | 1 2 SE | 3 4 S | 3 6 SSW | 2 7 SSW | 4 7 S | 5 7 S | 6 7 SSE | 7 8 SSE | 8 10 SSE | 9 12 SSE | 11 14 SSE | 12 16 SSE | 11 15 SSE | 11 13 SSE | 10 12 SSE | 9 11 SSE | 8 10 S | 7 9 S | 6 9 S | 6 8 S | 6 8 S | 5 7 SSW | 5 7 SSW | 4 6 SSW | 5 SSW | 3 4 SSW | 3 4 SSW | 3 5 SSW | 4 5 SSW | 6 SSW | 5 6 S | 5 7 SSE | 6 8 SSE | 8 9 SSE |
| Morgans Point | 1 3 SSE | 1 3 SW | 1 2 SSW | 3 5 SSW | 3 7 SSW | 3 7 SSW | 4 7 SSW | 5 7 S | 6 7 SSE | 7 8 SE | 9 10 SE | 11 13 SSE | 12 15 SSE | 13 17 SSE | 12 15 SSE | 12 14 SSE | 11 13 SSE | 10 12 S | 9 11 S | 8 10 S | 7 9 S | 7 9 S | 7 9 S | 7 8 SSW | 6 7 SSW | 5 7 SSW | 5 6 SW | 4 5 SW | 3 5 SW | 4 5 SW | 4 6 SSW | 6 SSW | 5 6 SSE | 6 7 SSE | 7 9 SSE | 9 11 SSE |
| 75/76 | 1 3 W | 2 3 WSW | 3 WSW | 3 7 SSW | 5 8 SSW | 4 7 SSW | 4 7 SSW | 4 7 S | 7 8 SSE | 9 9 SE | 10 11 SE | 12 13 SE | 14 16 SSE | 15 17 SSE | 13 15 SSE | 13 15 SSE | 13 14 S | 12 13 S | 11 12 S | 9 11 S | 9 10 S | 9 10 S | 9 10 S | 9 SSW | 7 8 SSW | 7 8 SSW | 6 7 SW | 5 6 SW | 4 5 SW | 4 5 SW | 6 SSW | 4 6 S | 5 7 SE | 6 8 SE | 8 10 SE | 10 12 SSE |
| 63/64 | 2 2 W | 2 3 WSW | 2 4 SW | 4 7 SSW | 6 8 SSW | 5 7 SSW | 3 7 SSW | 4 7 S | 8 8 SSE | 9 9 SSE | 10 10 SSE | 11 12 SSE | 13 14 SSE | 15 17 SSE | 13 15 SSE | 13 14 SSE | 13 14 S | 12 13 S | 10 11 S | 9 10 S | 9 10 S | 9 10 S | 9 9 S | 8 9 SSW | 7 8 SSW | 7 7 SSW | 6 7 SW | 5 5 SW | 4 5 SW | 4 5 SW | 5 6 SSW | 4 5 S | 5 7 SE | 6 8 SE | 7 10 SE | 10 12 SSE |
| 51/52 | 3 WSW | 3 WSW | 5 SSW | 5 8 S | 6 8 SSW | 5 7 SSW | 4 7 SSW | 5 7 S | 7 8 S | 8 SSE | 8 9 SSE | 10 10 SSE | 12 13 SSE | 14 16 SSE | 13 15 SSE | 12 14 S | 12 13 S | 11 12 S | 9 10 S | 8 9 S | 8 9 S | 8 9 S | 8 9 S | 8 8 S | 8 SSW | 6 7 SSW | 5 6 SW | 4 5 SW | 4 4 SW | 4 5 SW | 5 SSW | 4 5 S | 6 SSE | 5 8 SSE | 9 SSE | 9 11 SSE |
| 37/38 | 2 2 SW | 1 3 SW | 3 6 S | 7 8 SSW | 6 8 SSW | 5 7 SSW | 5 7 SSW | 5 6 S | 7 8 S | 6 7 SSE | 7 8 SSE | 9 SSE | 11 11 SSE | 13 15 SSE | 13 14 S | 11 12 S | 10 11 S | 9 10 S | 8 9 S | 7 8 S | 8 8 S | 8 8 S | 8 9 S | 7 8 S | 6 7 SSW | 6 6 SSW | 5 5 SW | 4 4 SW | 3 4 SW | 3 4 SW | 5 SSW | 4 5 S | 6 SSE | 6 8 SSE | 9 SSE | 9 10 SSE |
| 25/26 | 1 3 S | 3 SSW | 7 S | 6 8 SSW | 5 7 SSW | 5 7 SSW | 5 7 S | 5 6 S | 7 8 S | 6 SSE | 7 7 SSE | 9 SSE | 10 11 SSE | 12 14 SSE | 12 13 S | 9 10 S | 9 10 S | 8 9 S | 7 7 S | 6 7 S | 7 7 S | 7 8 S | 7 8 S | 6 7 S | 6 7 SSW | 6 SSW | 5 SSW | 3 4 SW | 3 4 SW | 3 4 SW | 5 SSW | 5 SSW | 6 SSE | 6 7 SSE | 8 SSE | 8 10 SSE |
| 11/12 | 3 SSE | 3 3 S | 6 8 S | 6 8 S | 5 7 SSW | 5 7 SSW | 6 7 S | 6 S | 7 7 S | 5 6 SSE | 6 7 SSE | 8 SSE | 9 10 SSE | 11 13 S | 11 13 S | 8 10 S | 8 9 S | 7 8 S | 7 7 S | 6 7 S | 7 8 S | 7 8 S | 7 8 S | 7 8 S | 6 7 SSW | 6 SSW | 5 6 SSW | 5 SSW | 4 5 SW | 4 5 SW | 5 SSW | 5 SSW | 4 5 S | 6 7 SSE | 7 8 SSE | 8 9 SSE |
| 1 & 2 Bravo | 3 3 S | 4 4 S | 8 8 S | 8 8 S | 7 8 S | 6 7 S | 7 7 S | 5 6 S | 7 7 S | 5 6 S | 5 6 SSE | 6 7 SSE | 8 9 SSE | 11 12 S | 12 13 S | 9 9 S | 8 9 S | 8 9 S | 7 8 S | 7 7 S | 8 8 S | 7 8 S | 8 9 S | 8 9 S | 7 8 S | 7 8 SSW | 6 7 SSW | 6 6 SW | 5 5 SW | 5 6 SW | 5 5 SSW | 4 5 SSW | 4 6 S | 5 6 S | 6 7 SSE | 7 8 SSE |

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: Tue. 7/25/2023





Forecast Discussion

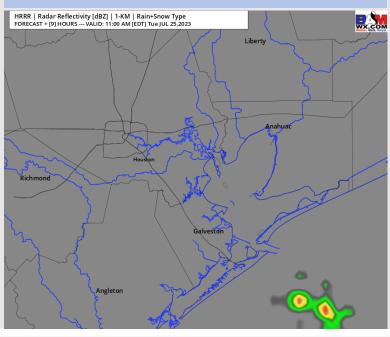
Precip: Favoring mostly dry conditions throughout the day, aside from two windows. A 20% chances of showers/thunderstorms near the boarding station between 9 AM - 12 PM and a isolated chance of showers/thunderstorms between 4-5 PM.

Wind: Winds will be variable until 9 AM. Then after 9 AM winds will be out of the SE/S for the rest of the day. Winds for Stations N of Morgan's Point will be at 2-7 kts until 3 PM. After 3 PM, winds N of Morgan's Point will increase to 8-13 kts until 7 PM when then winds will decrease to 4-9 kts for the rest of the day. Winds for Stations S of Morgan's Point will be 3-8 kts until 12 PM. After 12 PM, winds will increase to 14-18 kts for the remainder of the evening. Wind gusts of 21 – 26 kts will be possible under the strongest cells Tuesday. Wind gusts of 15-20 kts are possible for all stations after 4 PM.

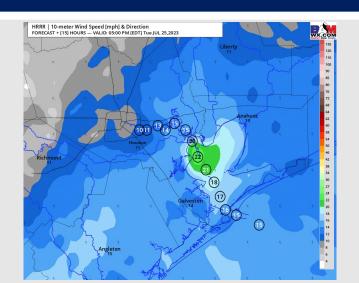
Temps: High temps today will be in the mid/upper 80s F for the Boarding Station, low/mid 90s F for all other Stations S of Morgan's Point, and upper 90s N of Morgan's Point.

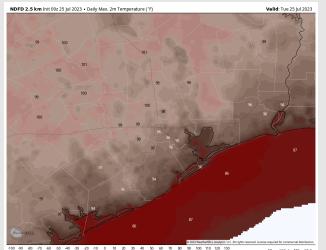
Visibility: Not anticipating any visibility concerns at this time.

Precip Image: 10 AM CT



Wind Speed: 4 PM CT





High Temps Today

Houston Pilots: Wed. 7/26/2023





Forecast Discussion

Precip: Favoring dry conditions for majority of the day Wednesday aside from a 10% chance for isolated showers between 3-6 PM.

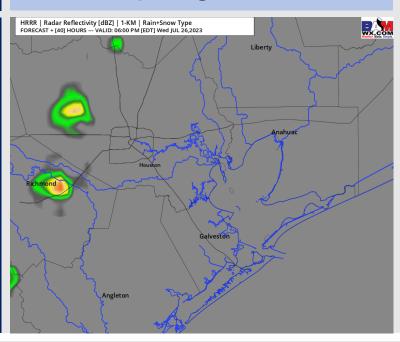
Wind: Winds will be out of the S/SW throughout the day. Winds for Stations N of Morgan's Point will be at 2-7 kts until 3 PM, after which time they will increase to 8-13 kts until 7 PM when then winds will decrease to 4-9 kts for the rest of the evening. Winds S of Morgan's Point will be at 5-10 kts until 7 AM, then calming to 3-8 kts until 1 PM, before picking back up to 13-18 kts for the remainder of the day.

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

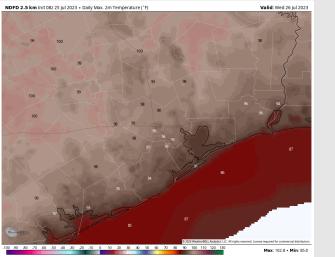
Visibility: Not anticipating any visibility concerns at this time.

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

Precip Image: 5 PM CT



Wind Speed: 4 PM CT



High Temps Wednesday

Houston Pilots: Thu. 7/27/2023





Forecast Discussion

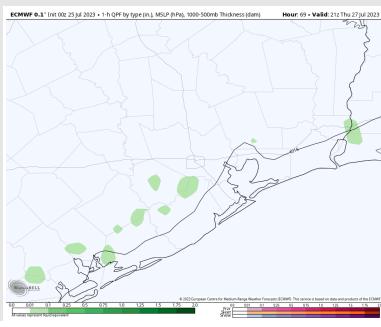
Precip: Favoring mostly dry conditions aside from a 10-20% chance of isolated showers/thunderstorms between 3 – 6 PM.

Wind: Winds will be out of the S/SE throughout the day for all stations. For stations N of Morgan's Point, winds of 2-7kts will continue through 4 PM. After 4 PM winds will increase slightly to 6-11 kts for the rest of the day. For stations S of Morgan's point winds will be 6-11 kts until 6 AM when then winds will decrease to 2 - 7 kts until 3 PM. After 3 PM winds will increase to 7-12 kts for the rest of the day.

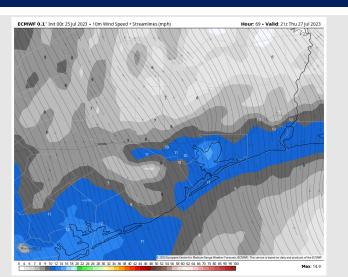
Temps: High temperatures Thursday will be in the mid/upper 80s F for the Boarding Station, low/mid 90s F for all other Stations S of Morgan's Point and in the upper 90s N of Morgan's Point.

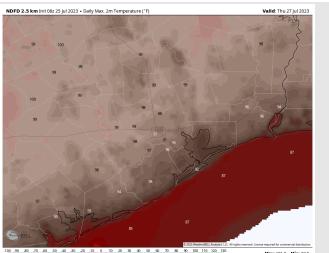
Visibility: Not anticipating any visibility concerns at this time.

Precip Image: 4 PM CT



Wind Speed: 4 PM CT



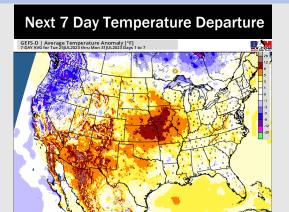


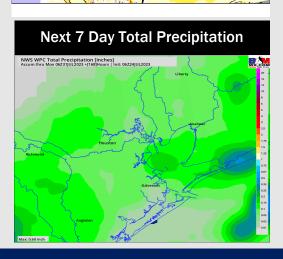
High Temps Thursday

Houston Pilots: 7/25/23

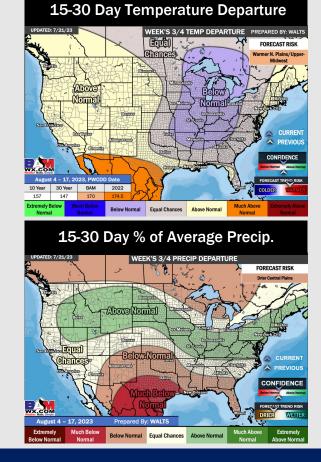








8-14 Day Temperature Departure BAM FPS-GEFS-TD-3y Average 1-2-meter Temperature Anomaly (°F) Into Mon 002-001-0030 100105 -> Void Mon 002-7010 2003 This server is hard mediate temperature from the Modernings Window (Temperature Anomaly (°F) 8-14 Day % of Average Precip. BAM FPS-GEFS-GEFS | Precipitation Anomaly (%) 7-bay Anomaly -> Void Mon 07-MC2023 1(10 Days | Intel 002-20/U2023



- 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 much below normal chances for precipitation are favored in the weeks 3/4 timeframe.