

Houston Pilots Forecast Package

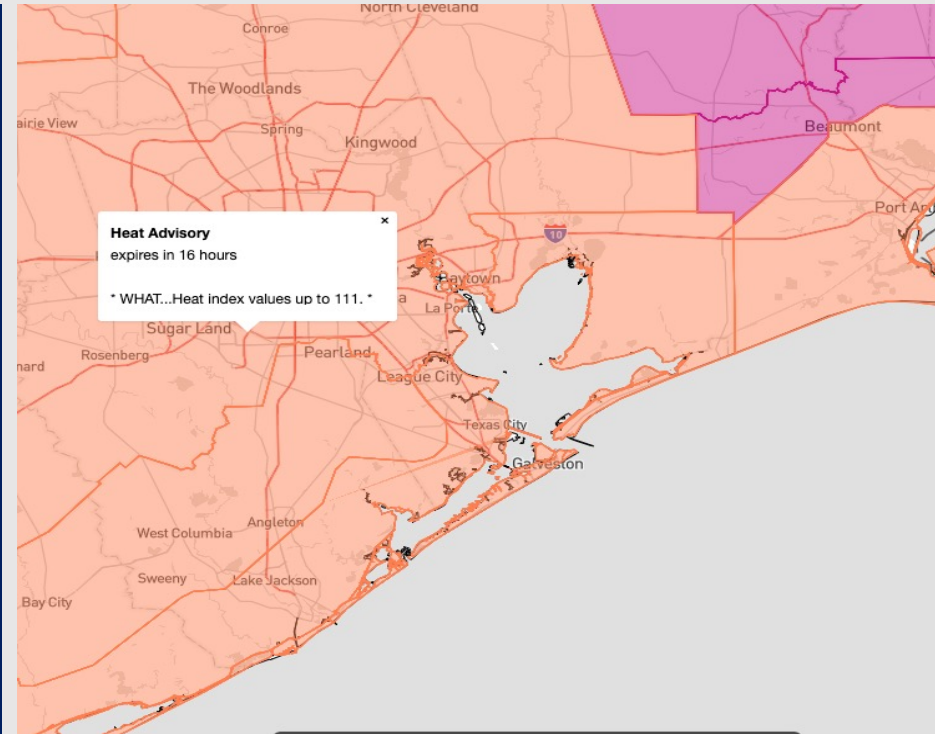


Updated: 5:00 AM CT
Tuesday, June 27, 2023

Forecaster: Xander Lowry

Weather Headlines

- Anticipating dry conditions over the next few days.
- Excessive heat concerns (90+ F) to continue throughout at least late this week.
- No active tropical threats to SE TX at this time.
- No signals for fog impacting stations moving forward.
- Precip pattern looks to turn slightly less active this week with low-end rain chances.



Radar/NWS Alerts: 4:40 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.

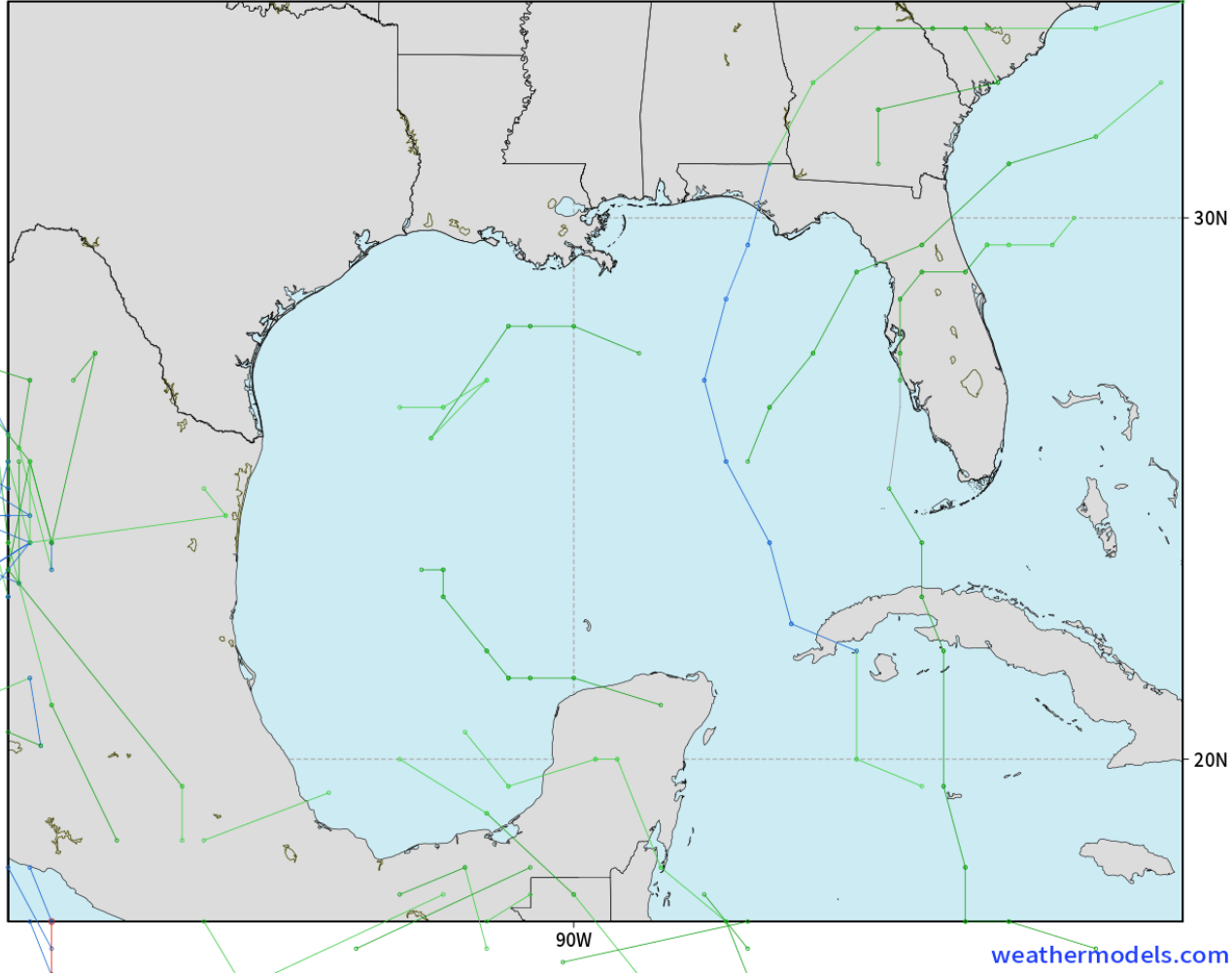
Houston Pilots Tropical Update



American Model Low Pressure Tracks Next 10-Days

NOAA GEFSv12 | All Ensemble Cyclones +240 Hours
INIT: 00Z27JUN2023 --> UNTIL 00Z07JUL2023

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



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

Above Normal
Below Normal

| Time | 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 1pm | Wed 2pm | |
|-------------------|---------|---------|---------|---------|---------|---------|---------|----------|----------|----------|---------|---------|---------|---------|---------|---------|---------|---------|---------|----------|----------|----------|---------|---------|---------|---------|---------|---------|---------|---------|---------|----------|----------|----------|---------|---------|----|
| 610 Bridge | 10 | 10 | 10 | 10 | 6 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 8 | 6 | 6 | 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 | 8 | 6 | 8 | 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 | 8 | 7 | 9 | 10 | 10 | 10 | 10 | 10 | 10 | |
| Shell Crude | 10 | 10 | 10 | 10 | 8 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 8 | 8 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | |
| Lynchburg Ferries | 10 | 10 | 10 | 10 | 9 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 8 | 8 | 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 | 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 | 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 | 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 | 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 | 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 | 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 | 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 | 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 | 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 | 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 1pm | Wed 2pm | | | |
|--------------------------|---------|---------|---------|---------|---------|---------|---------|----------|----------|----------|---------|---------|---------|---------|---------|---------|---------|---------|---------|----------|----------|----------|---------|---------|---------|---------|---------|---------|---------|---------|---------|----------|----------|----------|---------|---------|----|----|---|
| 610 Bridge | 8 | 8 | 7 | 6 | 6 | 7 | 7 | 7 | 6 | 6 | 5 | 6 | 6 | 6 | 7 | 9 | 9 | 9 | 9 | 8 | 8 | 8 | 8 | 8 | 7 | 7 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 6 | 6 | |
| Kinder 1 | 8 | 8 | 6 | 7 | 6 | 7 | 7 | 7 | 6 | 6 | 5 | 6 | 6 | 6 | 6 | 8 | 9 | 9 | 9 | 10 | 12 | 13 | 13 | 12 | 12 | 12 | 11 | 10 | 9 | 9 | 9 | 10 | 9 | 10 | 10 | 9 | 8 | 8 | |
| Greens Bayou | 8 | 7 | 6 | 6 | 6 | 7 | 7 | 7 | 6 | 6 | 5 | 6 | 7 | 7 | 8 | 9 | 9 | 9 | 9 | 8 | 8 | 8 | 8 | 7 | 7 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 7 | 6 | 6 | 5 | 6 | |
| Shell Crude | 8 | 7 | 7 | 6 | 7 | 7 | 7 | 7 | 6 | 6 | 6 | 6 | 7 | 8 | 9 | 10 | 10 | 10 | 9 | 9 | 8 | 8 | 8 | 7 | 7 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 6 | 6 | 6 | 6 | |
| Lynchburg Ferries | 8 | 8 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 6 | 6 | 7 | 8 | 9 | 10 | 10 | 10 | 10 | 9 | 9 | 8 | 8 | 8 | 7 | 7 | 7 | 6 | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 6 | 6 | 7 | |
| Exxon 3 | 9 | 8 | 8 | 7 | 7 | 7 | 7 | 7 | 6 | 6 | 6 | 8 | 9 | 10 | 11 | 11 | 11 | 10 | 10 | 10 | 10 | 9 | 9 | 9 | 8 | 8 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 6 | 8 | |
| Morgans Point | 10 | 10 | 9 | 9 | 8 | 8 | 8 | 8 | 7 | 7 | 7 | 9 | 11 | 11 | 12 | 13 | 13 | 12 | 12 | 12 | 12 | 11 | 10 | 10 | 10 | 9 | 9 | 9 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 7 | 7 | 7 | 9 |
| 75/76 | 13 | 13 | 12 | 11 | 11 | 10 | 10 | 9 | 9 | 9 | 9 | 11 | 13 | 14 | 15 | 15 | 16 | 15 | 15 | 14 | 13 | 12 | 12 | 12 | 12 | 11 | 11 | 10 | 10 | 10 | 10 | 10 | 9 | 8 | 7 | 8 | 11 | | |
| 63/64 | 14 | 13 | 12 | 11 | 10 | 10 | 10 | 9 | 8 | 8 | 9 | 12 | 13 | 14 | 15 | 16 | 16 | 16 | 15 | 14 | 13 | 12 | 13 | 12 | 12 | 11 | 11 | 10 | 10 | 10 | 10 | 9 | 8 | 8 | 8 | 9 | 12 | | |
| 51/52 | 14 | 13 | 12 | 11 | 10 | 10 | 9 | 9 | 9 | 9 | 10 | 12 | 13 | 14 | 15 | 16 | 16 | 15 | 14 | 13 | 12 | 12 | 12 | 12 | 12 | 11 | 10 | 10 | 10 | 10 | 9 | 9 | 9 | 9 | 10 | 12 | 13 | | |
| 37/38 | 13 | 13 | 12 | 11 | 10 | 9 | 9 | 9 | 10 | 10 | 11 | 12 | 13 | 13 | 14 | 15 | 15 | 14 | 13 | 12 | 12 | 12 | 12 | 12 | 12 | 11 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 11 | |
| 25/26 | 12 | 12 | 11 | 10 | 9 | 9 | 9 | 9 | 9 | 10 | 10 | 11 | 11 | 12 | 12 | 13 | 12 | 12 | 11 | 10 | 11 | 11 | 11 | 11 | 10 | 10 | 10 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 10 | 10 | 10 | 11 | |
| 11/12 | 12 | 12 | 11 | 10 | 9 | 9 | 9 | 9 | 9 | 9 | 10 | 10 | 11 | 12 | 12 | 12 | 12 | 11 | 10 | 10 | 10 | 11 | 11 | 11 | 11 | 10 | 10 | 10 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 10 | |
| 1 & 2 Bravo | 14 | 14 | 14 | 13 | 11 | 11 | 10 | 10 | 10 | 9 | 9 | 10 | 10 | 10 | 11 | 12 | 13 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 10 | 9 | 9 |

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Forecast Discussion

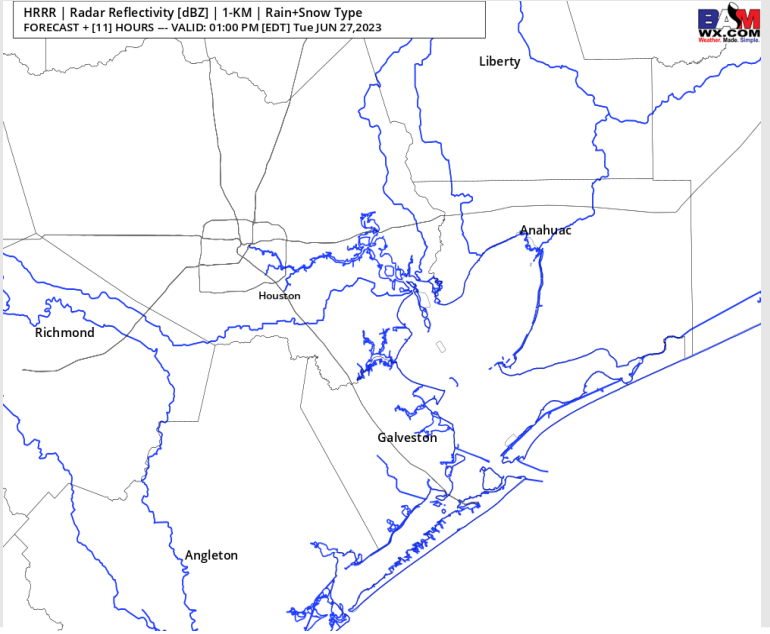
Precip: Favoring dry conditions throughout the day today.

Wind: Winds will be out of the S/SW today. Speeds N of Morgan's Point will be 5-10 kts before increasing to 8-13 kts by 6 PM. Winds S of Morgan's Point will be 11-16 kts through 9 AM before decreasing to 8 - 13 kts through 2 PM. After 2 PM, favoring winds to pick back up to 15-20 kts for the rest of the day. **Gusts of 20-25 kts will be possible for all stations through 8 AM and then again for all stations after 2 PM.**

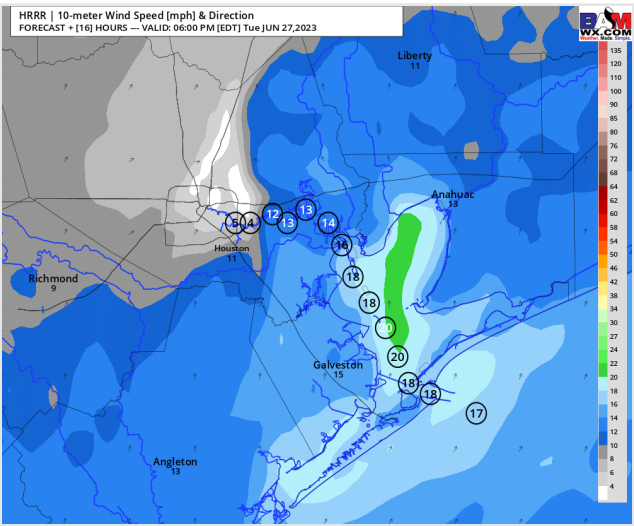
Temps: High temps Tuesday will be in the mid/upper 80s F at the Boarding Station, low/mid 90s F for all other stations S of Morgan's Point, and upper 90s to low 100s F N of Morgan's Point.

Visibility: Not anticipating any visibility concerns at this time.

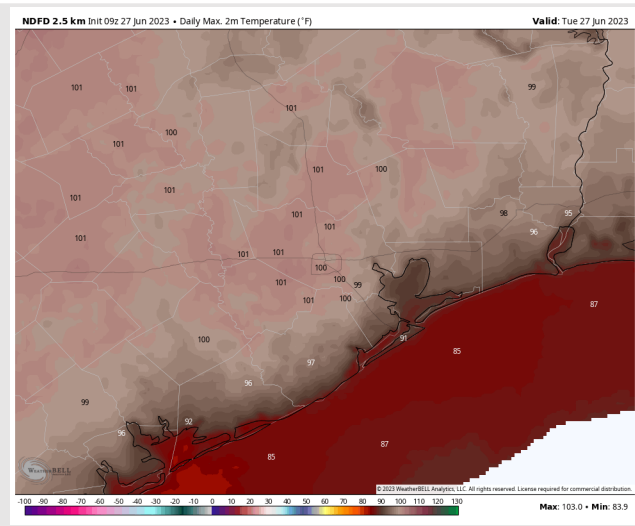
Precip Image: 12 PM CT



Wind Speed:
5 PM CT



High Temps
Today



Houston Pilots: Wed. 6/28/2023



Forecast Discussion

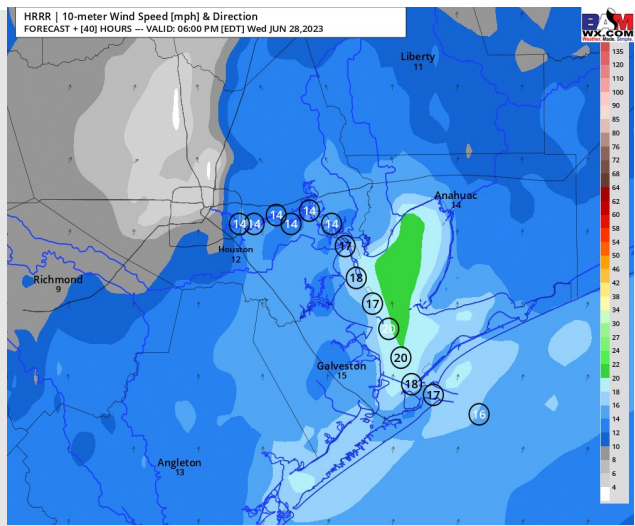
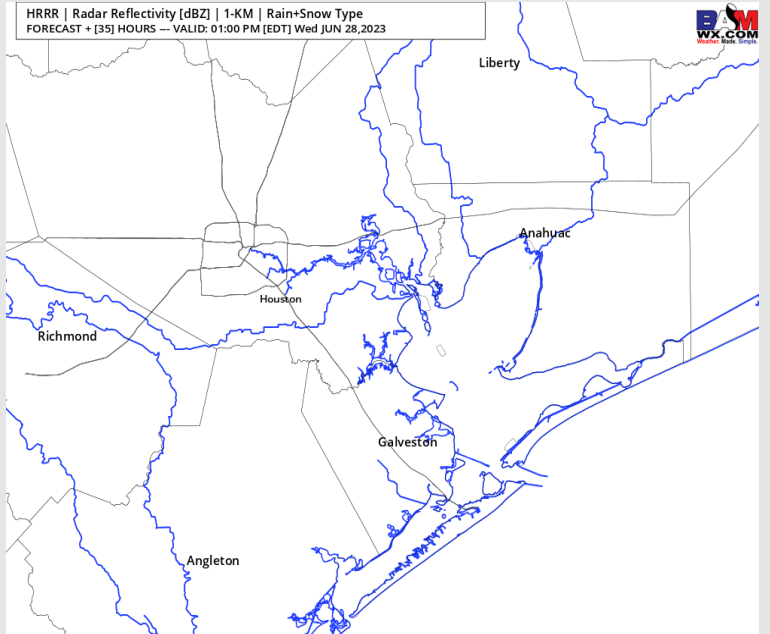
Precip Image: 12 PM CT

Precip: Dry conditions anticipated throughout the day Wednesday.

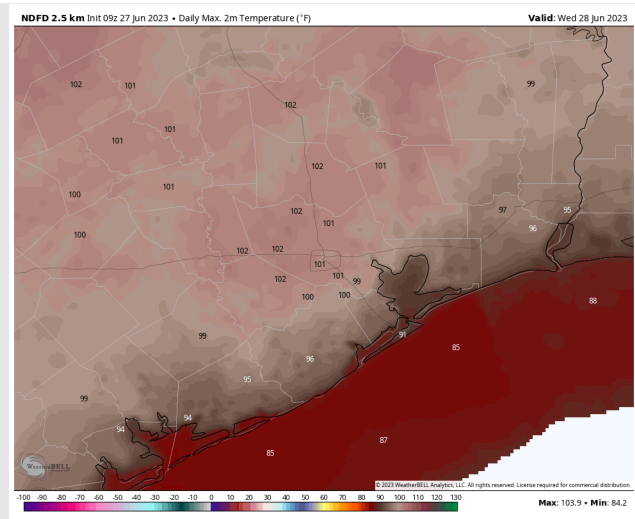
Wind: Winds will be out of the S/SW throughout the day Wednesday. Winds N of Morgan's Point will be at 5-10 kts until 3 PM then winds will pick up to 8 – 13 kts for the rest of the day. Winds S of Morgan's Point will be 9-14 kts until 2 PM then winds will pick to 13 – 18 kts for the rest of the day. **Wind gusts of 15 - 20 kts will be possible before 5 AM and after 3 PM for all stations Wednesday.**

Temps: High temps Wednesday will again be in the mid/upper 80s F at the Boarding Station, low/mid 90s F for all other stations S of Morgan's Point, and upper 90s to low 100s F N of Morgan's Point.

Visibility: Not anticipating any visibility concerns at this time.



**Wind Speed:
5 PM CT**



**High Temps
Wednesday**

Forecast Discussion

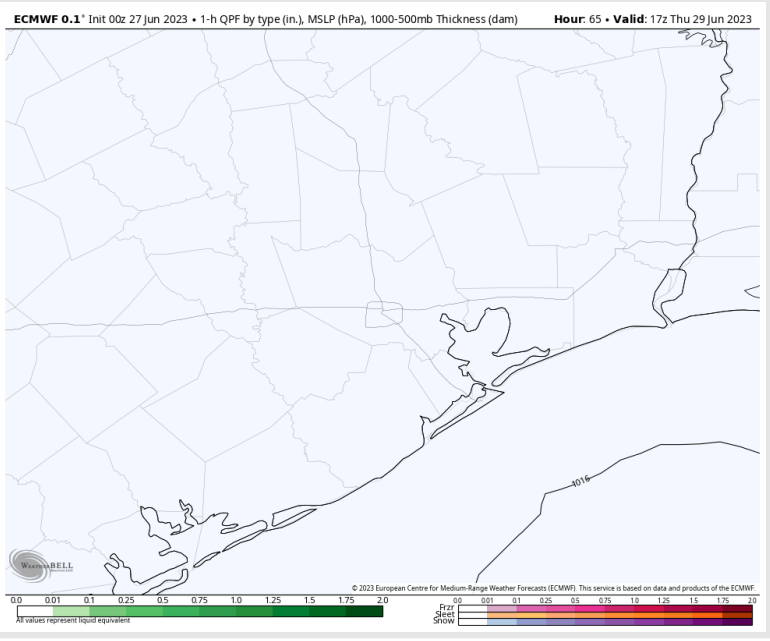
Precip: Favoring dry conditions for the rest of the day Thursday.

Wind: Winds will continue to be out of the S/SW throughout the day Thursday. Winds N of Morgan's Point will be 6-11 kts. Winds S of Morgan's Point will be 12-17 kts through 7 AM. Then after 7 AM, favoring winds S of Morgan's Point to decrease 10-15 kts for the rest of the day. **Wind gusts of 17-23 kts will be possible for all stations after before 3 AM and after 4 PM Thursday.**

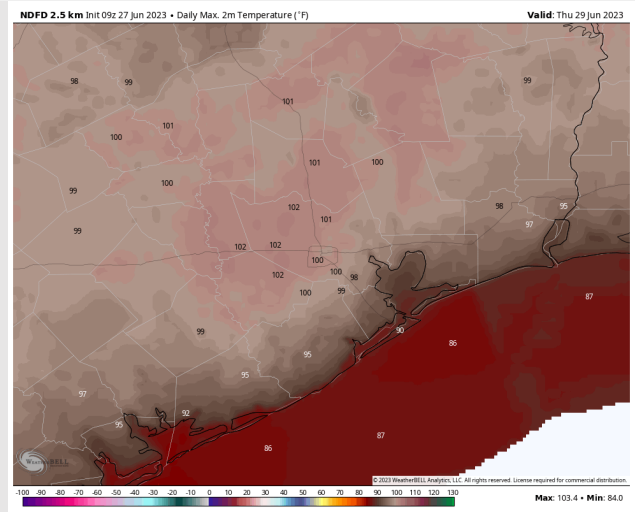
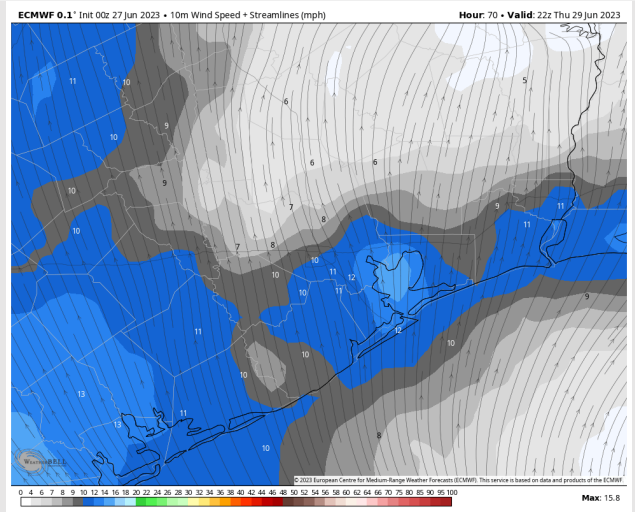
Temps: High temperatures on Thursday will be in the mid to upper 80s F near the Boarding Station, in the low/mid 90s F for all other stations S of Morgan's Point, and in the upper 90s F/low 100s F for stations N of Morgan's Point

Visibility: Not anticipating any visibility concerns at this time.

Precip Image: 12 PM CT

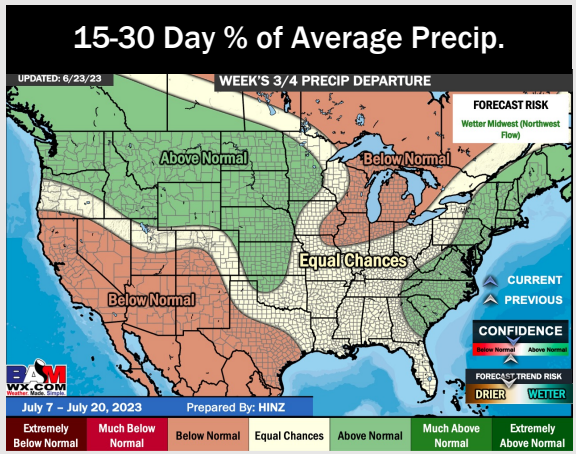
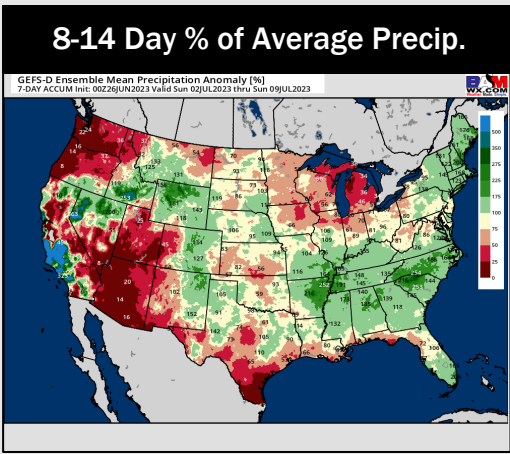
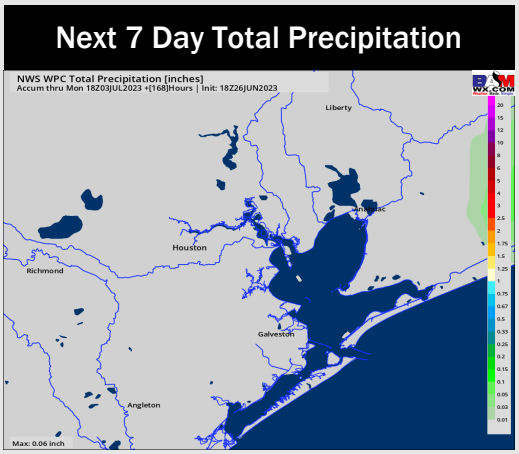
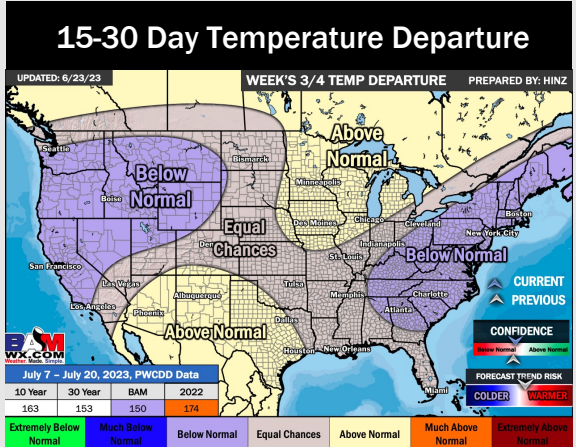
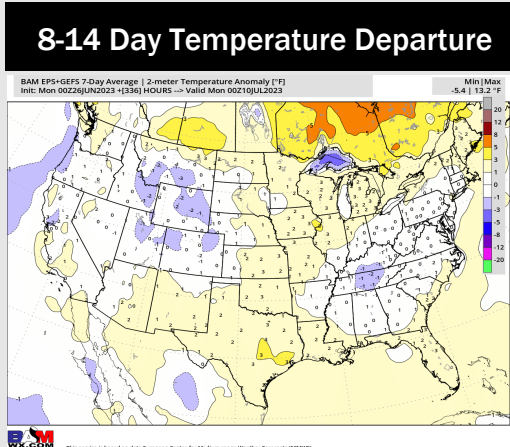
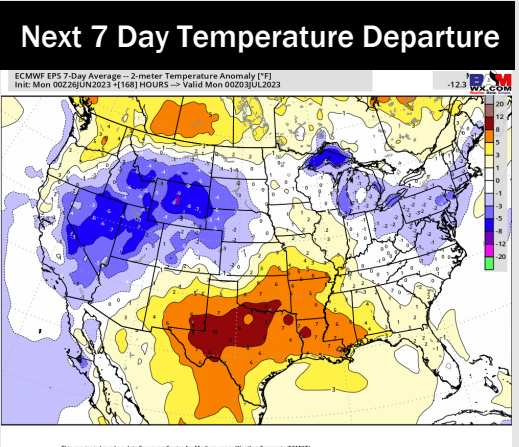


**Wind Speed:
5 PM CT**



**High Temps
Thursday**

Houston Pilots: 6/27/23



- Above normal temperatures are favored over the next week. Below normal precipitation chances are favored over the next week.
- Expecting below normal precipitation chances and slightly above normal temperatures for the week 10 timeframe.
- Above to near normal temperatures and below to near normal chances for precipitation are favored in the weeks 3/4 timeframe.