

Houston Pilots Forecast Package



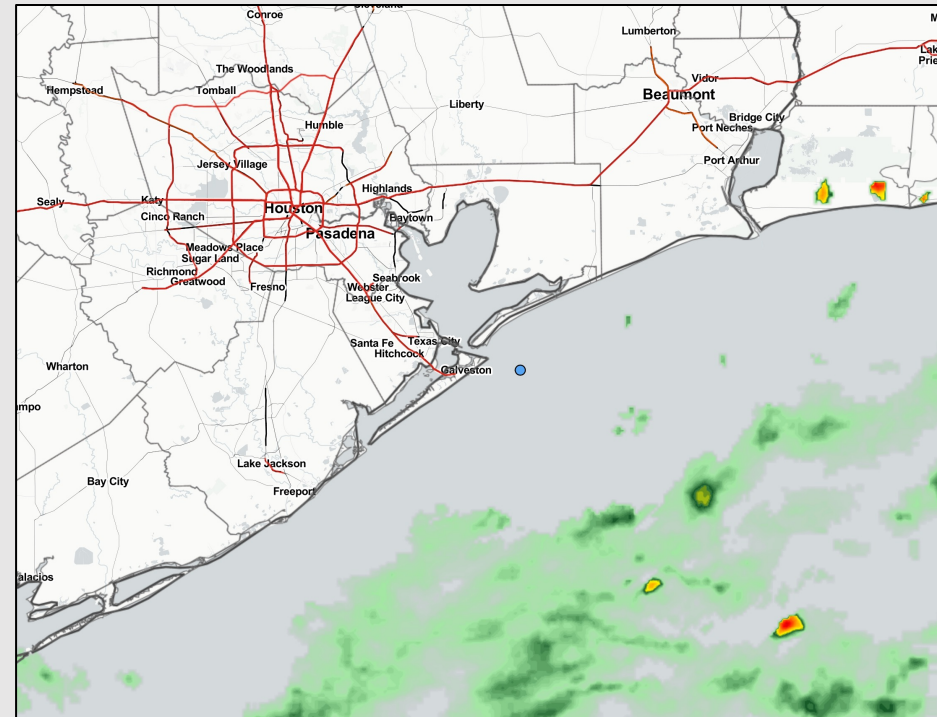
Updated: 5:00 AM CT

Monday, September 5, 2022

Forecaster: Vince Bryan

Weather Headlines

- Expecting this rather active pattern to slowly taper off with daily chances slowly decreasing with some drier days expected by the end of the week.
- No tropical activity is favored in the Gulf over the next 7-10 days with Danielle and Earl remaining in the Atlantic.
- Winds will continue to remain calmer with any elevated winds likely coming from pockets of stronger precipitation.



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.

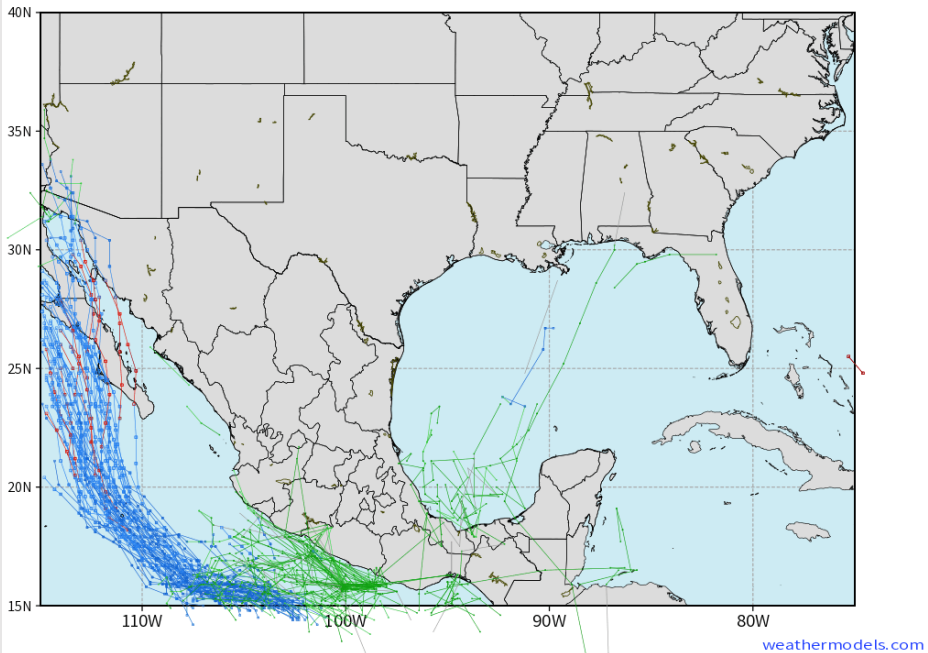
Houston Pilots Extended Range Tropical Report



European Data Tracks Next 10 Days

ECMWF GULF EPS Cyclone Locations --> Next [10-days]
INIT: 00Z04SEP2022 --> UNTIL 00Z14SEP2022

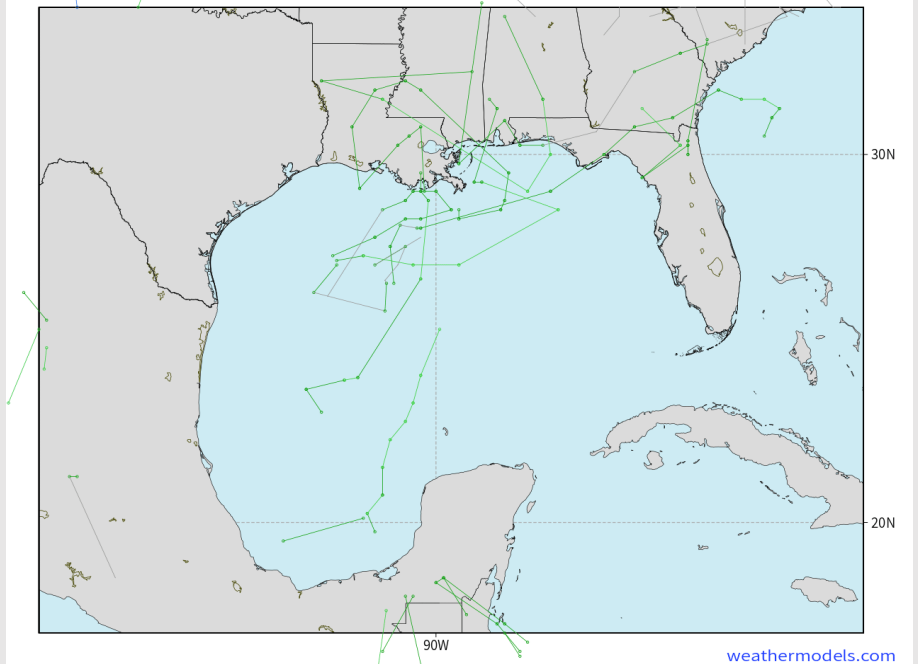
o-o ENSEMBLE MEAN
o-o 1000 - 1010 hPa
o-o 980 - 999 hPa
o-o 960 - 979 hPa
o-o 950 - 959 hPa
o-o < 950 hPa



American Data Tracks Next 10 Days

NCEP GEFSv12 Ensemble Cyclones [0.25°] +240 Hours
INIT: 12Z04SEP2022 --> UNTIL 12Z14SEP2022

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 threats over the next 7 days in the Gulf Of Mexico. Any tropical activity will stay confined to the Atlantic.



Houston Pilots Wind Report



Example

Sustained wind 13 MPH
Gusts 18 MPH
Wind from the N

WS: 13
G:18
N

| Time | 09-05-2022 Mon 3am | 09-05-2022 Mon 4am | 09-05-2022 Mon 5am | 09-05-2022 Mon 6am | 09-05-2022 Mon 7am | 09-05-2022 Mon 8am | 09-05-2022 Mon 9am | 09-05-2022 Mon 10am | 09-05-2022 Mon 11am | 09-05-2022 Mon 12pm | 09-05-2022 Mon 1pm | 09-05-2022 Mon 2pm | 09-05-2022 Mon 3pm | 09-05-2022 Mon 4pm | 09-05-2022 Mon 5pm | 09-05-2022 Mon 6pm | 09-05-2022 Mon 7pm | 09-05-2022 Mon 8pm | 09-05-2022 Mon 9pm | 09-05-2022 Mon 10pm | 09-05-2022 Mon 11pm | 09-06-2022 Tue 12am | 09-06-2022 Tue 1am | 09-06-2022 Tue 2am | 09-06-2022 Tue 3am | 09-06-2022 Tue 4am | 09-06-2022 Tue 5am | 09-06-2022 Tue 6am | 09-06-2022 Tue 7am | 09-06-2022 Tue 8am | 09-06-2022 Tue 9am | 09-06-2022 Tue 10am | 09-06-2022 Tue 11am | 09-06-2022 Tue 12pm | 09-06-2022 Tue 1pm | 09-06-2022 Tue 2pm | |
|--------------------------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|---------------------|---------------------|---------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|---------------------|---------------------|---------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|---------------------|---------------------|---------------------|--------------------|--------------------|---------------|
| Houston Pilots N - 610 Bridge | WS: 2 G:10 SW | WS: 3 G:9 W | WS: 3 G:9 W | WS: 2 G:10 WSW | WS: 3 G:11 W | WS: 4 G:10 W | WS: 4 G:11 W | WS: 5 G:11 W | WS: 5 G:8 W | WS: 5 G:6 W | WS: 5 G:6 WNW | WS: 5 G:5 WNW | WS: 4 G:5 SW | WS: 3 G:4 SW | WS: 4 G:6 SE | WS: 7 G:12 S | WS: 7 G:12 S | WS: 5 G:9 S | WS: 4 G:7 S | WS: 4 G:6 S | WS: 4 G:6 SSW | WS: 3 G:6 SSW | WS: 3 G:5 SSW | WS: 3 G:5 SW | WS: 2 G:3 WSW | WS: 2 G:2 W | WS: 2 G:3 W | WS: 2 G:3 WNW | WS: 2 G:3 W | WS: 2 G:3 WNW | WS: 3 G:6 WNW | WS: 4 G:6 WNW | WS: 4 G:6 WNW | WS: 3 G:6 WNW | WS: 4 G:7 WSW | WS: 5 G:9 WSW | |
| Houston Pilots M - Kinder 1 | WS: 2 G:10 SW | WS: 3 G:9 WNW | WS: 3 G:9 W | WS: 2 G:9 WSW | WS: 3 G:11 W | WS: 4 G:9 W | WS: 4 G:11 W | WS: 5 G:11 W | WS: 4 G:8 W | WS: 4 G:6 W | WS: 5 G:5 W | WS: 4 G:5 W | WS: 3 G:4 WNW | WS: 3 G:4 SSE | WS: 6 G:8 E | WS: 7 G:11 S | WS: 7 G:11 S | WS: 5 G:9 S | WS: 4 G:7 S | WS: 4 G:6 S | WS: 4 G:6 SSW | WS: 3 G:6 SSW | WS: 3 G:5 SSW | WS: 3 G:5 SW | WS: 2 G:3 WSW | WS: 2 G:2 W | WS: 2 G:2 WNW | WS: 2 G:2 WNW | WS: 2 G:3 WNW | WS: 2 G:3 WNW | WS: 3 G:6 WNW | WS: 4 G:6 WNW | WS: 4 G:6 WNW | WS: 4 G:6 WNW | WS: 4 G:7 WSW | WS: 4 G:8 SW | |
| Houston Pilots L - Greens Bayou | WS: 3 G:10 SW | WS: 3 G:10 W | WS: 3 G:10 W | WS: 2 G:8 WSW | WS: 3 G:11 W | WS: 4 G:9 W | WS: 4 G:10 W | WS: 4 G:11 W | WS: 4 G:8 WSW | WS: 4 G:7 WSW | WS: 4 G:6 W | WS: 3 G:5 W | WS: 2 G:3 WSW | WS: 4 G:5 ESE | WS: 8 G:8 ESE | WS: 7 G:11 S | WS: 7 G:11 S | WS: 8 G:8 S | WS: 4 G:8 S | WS: 4 G:6 S | WS: 4 G:6 SSW | WS: 3 G:6 SSW | WS: 3 G:5 SSW | WS: 3 G:5 SW | WS: 2 G:3 WSW | WS: 2 G:2 WSW | WS: 2 G:2 W | WS: 2 G:2 WNW | WS: 2 G:3 WNW | WS: 2 G:3 WNW | WS: 4 G:6 WNW | WS: 4 G:6 WNW | WS: 4 G:7 W | WS: 4 G:7 WSW | WS: 5 G:8 SSW | | |
| Houston Pilots K - Shell Crude | WS: 3 G:10 SW | WS: 2 G:9 WNW | WS: 3 G:10 W | WS: 2 G:8 W | WS: 4 G:12 W | WS: 4 G:9 W | WS: 5 G:10 W | WS: 4 G:11 W | WS: 3 G:8 WSW | WS: 3 G:6 WSW | WS: 3 G:6 WSW | WS: 3 G:5 WSW | WS: 2 G:4 WSSW | WS: 2 G:4 WSSW | WS: 9 G:7 E | WS: 7 G:11 S | WS: 7 G:11 S | WS: 5 G:8 S | WS: 4 G:7 S | WS: 4 G:6 S | WS: 4 G:6 SSW | WS: 3 G:6 SSW | WS: 3 G:5 SSW | WS: 3 G:5 SW | WS: 2 G:4 W | WS: 2 G:2 W | WS: 2 G:2 WNW | WS: 2 G:3 WNW | WS: 2 G:3 WNW | WS: 2 G:5 WNW | WS: 3 G:6 WNW | WS: 4 G:6 WNW | WS: 4 G:6 WNW | WS: 4 G:6 WNW | WS: 4 G:6 WSW | WS: 5 G:8 SSE | |
| Houston Pilots J - Lynchburg Ferries | WS: 3 G:10 SW | WS: 3 G:9 W | WS: 3 G:10 W | WS: 2 G:8 WSW | WS: 4 G:12 W | WS: 4 G:9 W | WS: 4 G:11 W | WS: 3 G:10 W | WS: 3 G:9 WSW | WS: 3 G:6 WSW | WS: 2 G:6 WSW | WS: 2 G:5 WSW | WS: 2 G:5 W | WS: 8 G:10 SE | WS: 10 G:13 SE | WS: 7 G:11 S | WS: 7 G:11 S | WS: 5 G:9 S | WS: 4 G:8 S | WS: 4 G:6 S | WS: 4 G:6 SSW | WS: 4 G:6 SSW | WS: 3 G:6 SSW | WS: 3 G:5 SSW | WS: 4 G:4 SSW | WS: 2 G:3 WSW | WS: 2 G:3 WSW | WS: 3 G:3 WNW | WS: 3 G:3 WNW | WS: 2 G:6 WNW | WS: 2 G:6 WNW | WS: 3 G:6 WNW | WS: 4 G:6 WNW | WS: 4 G:6 WNW | WS: 4 G:6 WSW | WS: 5 G:8 SSE | |
| Houston Pilots I - Exxon 3 | WS: 3 G:10 SW | WS: 3 G:10 WNW | WS: 3 G:10 W | WS: 3 G:9 W | WS: 4 G:13 W | WS: 3 G:9 WSW | WS: 5 G:10 W | WS: 4 G:11 W | WS: 3 G:9 W | WS: 3 G:7 W | WS: 3 G:6 SSW | WS: 3 G:5 SSW | WS: 6 G:8 SE | WS: 10 G:14 SE | WS: 10 G:14 SSE | WS: 7 G:11 S | WS: 7 G:11 S | WS: 5 G:9 SSW | WS: 4 G:8 SSW | WS: 4 G:7 SSW | WS: 4 G:7 SSW | WS: 4 G:6 SSW | WS: 4 G:6 SSW | WS: 3 G:5 SSW | WS: 3 G:5 W | WS: 3 G:5 W | WS: 3 G:4 WNW | WS: 2 G:4 WNW | WS: 3 G:4 WNW | WS: 3 G:4 WNW | WS: 3 G:5 WNW | WS: 3 G:5 WNW | WS: 4 G:6 WNW | WS: 4 G:6 WNW | WS: 4 G:6 WNW | WS: 4 G:6 WSW | |
| Houston Pilots H - Morgans Point | WS: 5 G:11 SW | WS: 5 G:11 W | WS: 5 G:11 W | WS: 5 G:11 W | WS: 7 G:14 WNW | WS: 4 G:10 WNW | WS: 6 G:11 WNW | WS: 6 G:11 W | WS: 3 G:9 WSW | WS: 3 G:8 SW | WS: 4 G:7 SSW | WS: 5 G:7 S | WS: 9 G:10 SSE | WS: 12 G:14 SSE | WS: 12 G:15 SSE | WS: 8 G:11 S | WS: 7 G:11 SSW | WS: 6 G:9 SSW | WS: 5 G:8 SSW | WS: 5 G:8 SSW | WS: 5 G:7 SW | WS: 5 G:7 SW | WS: 4 G:7 SW | WS: 4 G:7 SW | WS: 4 G:6 WSW | WS: 4 G:6 WSW | WS: 4 G:5 WNW | WS: 3 G:5 WNW | WS: 3 G:5 WNW | WS: 3 G:5 WNW | WS: 4 G:6 WNW | WS: 4 G:6 WNW | WS: 3 G:6 WNW | WS: 4 G:6 WNW | WS: 4 G:6 WNW | | |
| Houston Pilots G - 75/76 | WS: 9 G:12 SW | WS: 9 G:12 W | WS: 8 G:12 W | WS: 8 G:13 W | WS: 11 G:15 WNW | WS: 7 G:11 W | WS: 7 G:13 W | WS: 7 G:11 W | WS: 7 G:9 WSW | WS: 4 G:8 SW | WS: 4 G:8 SSW | WS: 6 G:8 SSW | WS: 11 G:11 SSE | WS: 13 G:14 SSE | WS: 15 G:16 SSE | WS: 8 G:11 SSW | WS: 8 G:11 SSW | WS: 7 G:9 SSW | WS: 7 G:8 SSW | WS: 7 G:8 SSW | WS: 7 G:8 SSW | WS: 6 G:8 SSW | WS: 6 G:8 SSW | WS: 5 G:8 SSW | WS: 5 G:7 SSW | WS: 5 G:7 SSW | WS: 5 G:6 WSW | WS: 5 G:6 WSW | WS: 5 G:6 WSW | WS: 4 G:6 WSW | WS: 4 G:6 WSW | WS: 4 G:6 WSW | WS: 4 G:6 WSW | WS: 3 G:6 WSW | WS: 3 G:6 WSW | WS: 5 G:8 SE | |
| Houston Pilots F - 63/64 | WS: 10 G:12 SW | WS: 10 G:13 W | WS: 10 G:12 W | WS: 10 G:14 W | WS: 12 G:15 WNW | WS: 8 G:12 W | WS: 9 G:13 W | WS: 8 G:11 W | WS: 8 G:9 W | WS: 4 G:8 WSW | WS: 7 G:8 SW | WS: 7 G:7 S | WS: 12 G:14 SSE | WS: 14 G:16 SSE | WS: 15 G:16 SSE | WS: 9 G:11 SSW | WS: 8 G:11 SSW | WS: 8 G:10 SSW | WS: 8 G:9 SSW | WS: 8 G:8 SSW | WS: 7 G:8 SSW | WS: 7 G:8 SSW | WS: 6 G:8 SSW | WS: 6 G:8 SSW | WS: 6 G:8 SSW | WS: 6 G:7 SSW | WS: 6 G:7 SSW | WS: 6 G:7 SSW | WS: 5 G:7 WNW | WS: 5 G:7 WNW | WS: 5 G:7 WNW | WS: 5 G:7 WNW | WS: 5 G:7 WNW | WS: 5 G:7 WNW | WS: 3 G:6 WNW | WS: 3 G:6 WNW | WS: 5 G:7 SE |
| Houston Pilots E - 51/52 | WS: 9 G:11 SW | WS: 9 G:12 WSW | WS: 10 G:12 W | WS: 12 G:15 W | WS: 12 G:15 W | WS: 9 G:11 W | WS: 9 G:12 W | WS: 8 G:12 W | WS: 8 G:8 W | WS: 6 G:8 WSW | WS: 6 G:8 WSW | WS: 10 G:11 S | WS: 13 G:14 SSE | WS: 14 G:16 SSE | WS: 15 G:16 SSE | WS: 9 G:11 SSW | WS: 8 G:11 SSW | WS: 8 G:9 SSW | WS: 7 G:8 SSW | WS: 7 G:8 SSW | WS: 7 G:8 SSW | WS: 6 G:8 SSW | WS: 6 G:8 SSW | WS: 6 G:7 SSW | WS: 6 G:7 SSW | WS: 6 G:7 SSW | WS: 6 G:7 SSW | WS: 6 G:7 SSW | WS: 5 G:7 WNW | WS: 5 G:7 WNW | WS: 5 G:7 WNW | WS: 5 G:7 WNW | WS: 5 G:7 WNW | WS: 5 G:7 WNW | WS: 4 G:6 WNW | WS: 4 G:6 WNW | WS: 3 G:6 WNW |
| Houston Pilots D - 37/38 | WS: 9 G:11 WSW | WS: 9 G:11 WSW | WS: 10 G:12 W | WS: 12 G:15 WNW | WS: 11 G:15 W | WS: 8 G:11 W | WS: 8 G:11 W | WS: 7 G:11 W | WS: 4 G:8 W | WS: 5 G:8 WSW | WS: 7 G:8 SW | WS: 11 G:12 S | WS: 13 G:14 SSE | WS: 14 G:16 SSE | WS: 9 G:12 S | WS: 9 G:11 SSW | WS: 8 G:10 SSW | WS: 7 G:9 SSW | WS: 7 G:8 SSW | WS: 7 G:8 SSW | WS: 7 G:8 SSW | WS: 6 G:8 SSW | WS: 6 G:8 SSW | WS: 6 G:7 SSW | WS: 6 G:7 SSW | WS: 6 G:7 SSW | WS: 6 G:7 SSW | WS: 6 G:7 SSW | WS: 5 G:7 WNW | WS: 5 G:7 WNW | WS: 5 G:7 WNW | WS: 5 G:7 WNW | WS: 5 G:7 WNW | WS: 5 G:7 WNW | WS: 4 G:6 WNW | WS: 4 G:6 WNW | WS: 3 G:6 WNW |
| Houston Pilots C - 25/26 | WS: 8 G:10 WSW | WS: 8 G:10 W | WS: 9 G:11 W | WS: 11 G:14 WNW | WS: 11 G:15 W | WS: 7 G:10 W | WS: 7 G:10 W | WS: 6 G:9 W | WS: 6 G:7 W | WS: 5 G:7 WSW | WS: 5 G:7 WSW | WS: 9 G:10 S | WS: 9 G:10 S | WS: 11 G:12 S | WS: 12 G:14 SSE | WS: 9 G:11 SSW | WS: 8 G:10 SSW | WS: 7 G:9 SSW | WS: 7 G:8 SSW | WS: 7 G:8 SSW | WS: 7 G:8 SSW | WS: 6 G:8 SSW | WS: 6 G:8 SSW | WS: 6 G:7 SSW | WS: 6 G:7 SSW | WS: 5 G:7 WSW | WS: 5 G:7 WSW | WS: 5 G:7 WSW | WS: 5 G:6 WNW | WS: 5 G:6 WNW | WS: 5 G:6 WNW | WS: 5 G:6 WNW | WS: 5 G:6 WNW | WS: 5 G:6 WNW | WS: 4 G:6 WNW | WS: 4 G:6 WNW | WS: 3 G:6 WNW |
| Houston Pilots B - 11/12 | WS: 7 G:9 WSW | WS: 7 G:9 W | WS: 9 G:11 W | WS: 10 G:13 WNW | WS: 11 G:14 W | WS: 8 G:10 W | WS: 8 G:10 W | WS: 7 G:9 W | WS: 5 G:7 W | WS: 5 G:7 W | WS: 5 G:7 W | WS: 12 G:13 SSW | WS: 13 G:14 SSW | WS: 13 G:14 SSW | WS: 11 G:12 S | WS: 11 G:12 S | WS: 8 G:10 SSW | WS: 7 G:9 SSW | WS: 7 G:8 SSW | WS: 7 G:8 SSW | WS: 7 G:8 SSW | WS: 6 G:8 SSW | WS: 6 G:8 SSW | WS: 6 G:7 SSW | WS: 6 G:7 SSW | WS: 5 G:7 WSW | WS: 5 G:7 WSW | WS: 5 G:7 WSW | WS: 5 G:6 WNW | WS: 5 G:6 WNW | WS: 5 G:6 WNW | WS: 5 G:6 WNW | WS: 5 G:6 WNW | WS: 5 G:6 WNW | WS: 4 G:6 WNW | WS: 4 G:6 WNW | WS: 3 G:6 WNW |
| Houston Pilots A - 1 & 2 Bravo | WS: 7 G:7 SW | WS: 6 G:6 W | WS: 11 G:11 W | WS: 12 G:12 W | WS: 12 G:13 WSW | WS: 8 G:9 NW | WS: 11 G:12 W | WS: 5 G:5 W | WS: 5 G:5 W | WS: 6 G:7 WSW | WS: 13 G:13 SW | WS: 9 G:9 SW | WS: 9 G:9 S | WS: 12 G:12 S | WS: 13 G:13 S | WS: 9 G:9 SSW | WS: 8 G:9 SSW | WS: 8 G:8 SSW | WS: 8 G:8 SSW | WS: 8 G:8 SSW | WS: 8 G:8 SSW | WS: 7 G:8 SSW | WS: 7 G:8 SSW | WS: 6 G:8 SSW | WS: 6 G:8 SSW | WS: 6 G:8 SSW | WS: 6 G:8 SSW | WS: 6 G:8 SSW | WS: 5 G:7 WSW | WS: 5 G:7 WSW | WS: 5 G:7 WSW | WS: 5 G:7 WSW | WS: 5 G:7 WSW | WS: 5 G:7 WSW | WS: 5 G:7 WSW | WS: 5 G:7 WSW | WS: 5 G:7 WSW |

See slides below for official thoughts on winds.

Houston Pilots: Mon. 9/5/2022



Forecast Discussion

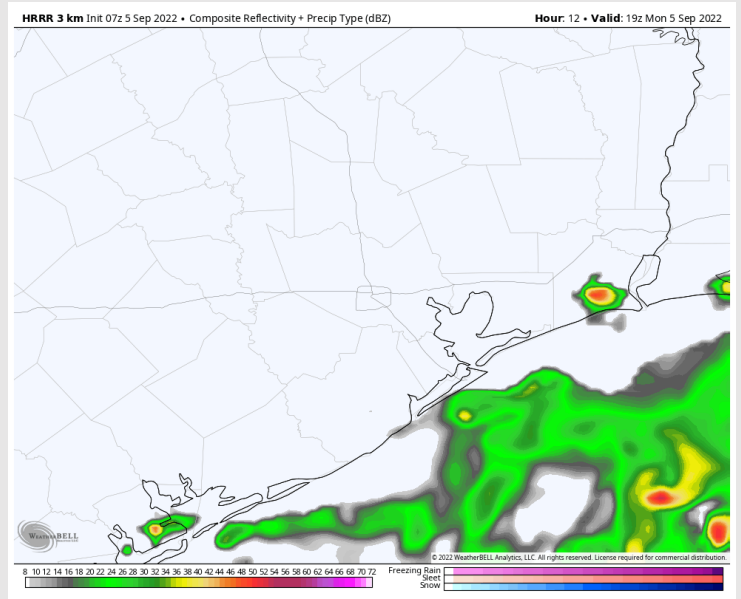
Precip: While an isolated threat of precipitation (~20%) exists today for most stations, favoring a mainly dry day with most precip set up along and south of the boarding station. Expecting the overwhelming majority of rain to remain further east into the Gulf.

Wind: Sustained winds generally out of the W/SW 3-8 MPH this AM at the boarding station. From 8AM – Noon winds becoming variable 5-10 MPH. After 1 PM winds will veer out of the S still at 5-10 MPH for all stations. Gusts of 13-18 MPH possible under stronger pockets of precip.

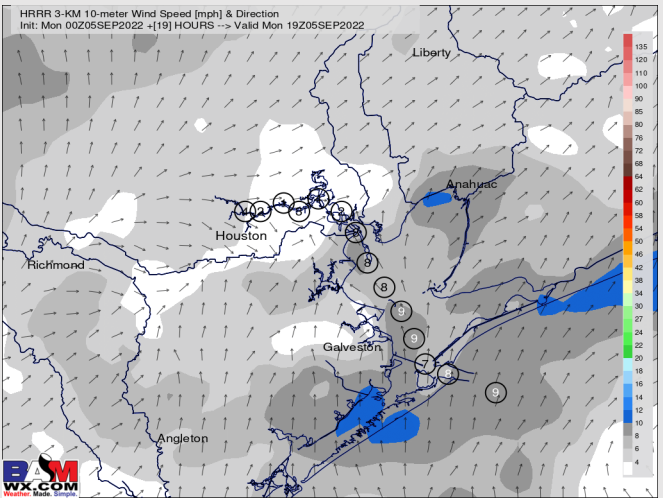
Temps: High temps expected in the mid to high 80s F for all stations.

Visibility: Not anticipating any fog concerns at this time.

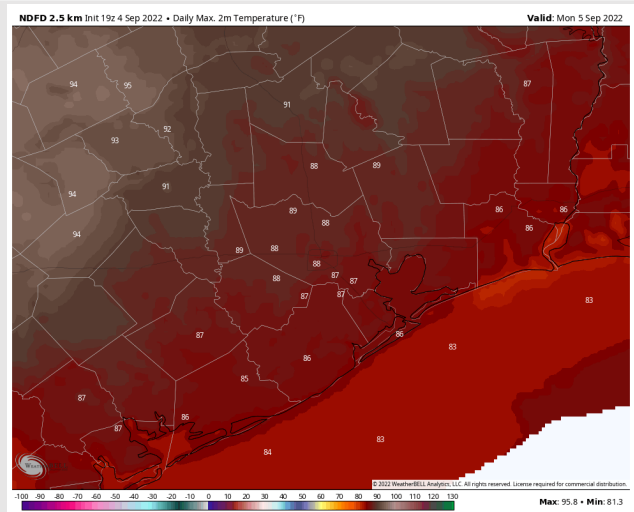
Precip Forecast: 1 PM CT



Wind Speed
2 PM CT



High Temps
Today



Forecast Discussion

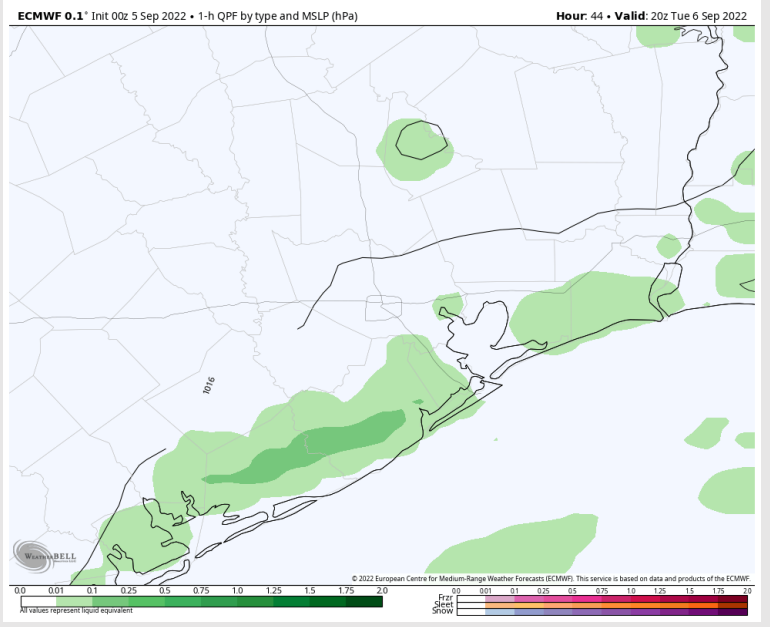
Precip: Anticipating 30% chance of showers/storms Tuesday AM before 9 AM at the boarding station with conditions north being primarily dry. Favoring drier conditions between 10AM-2PM with better coverage being further east into the Gulf. After 2 PM, a 20-30% chance of isolated showers/thunderstorms will be possible for all stations until 7 PM. After 7 PM favoring dry conditions for the rest of the evening.

Wind: Winds out of the S/SW at 3-8 MPH in the early Tuesday morning for all stations. There may be periods of variable winds with the light speeds. After 3 PM, winds shift back out of the S/SE at 5-10 MPH for the rest of the day.

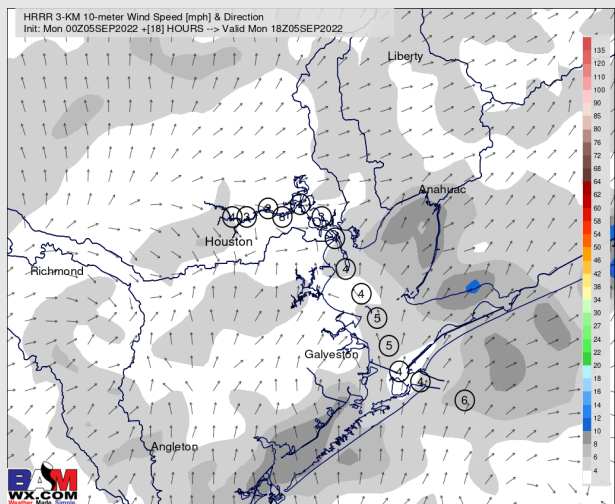
Temps: High temps Tuesday in the mid 80s F near the boarding station and in the upper 80s F at all other stations.

Visibility: Not anticipating fog concerns Tuesday, but lower visibility under stronger cell possible.

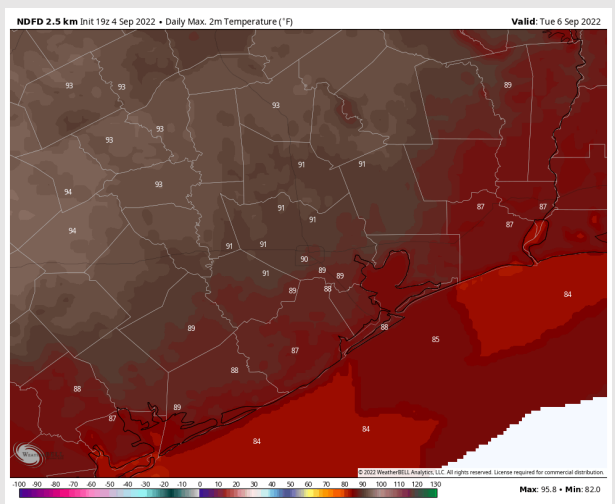
Precip Forecast: 12 PM CT



Wind Speed
1 PM CT



High Temps
Tuesday



Houston Pilots: Wed. 9/7/2022



Forecast Discussion

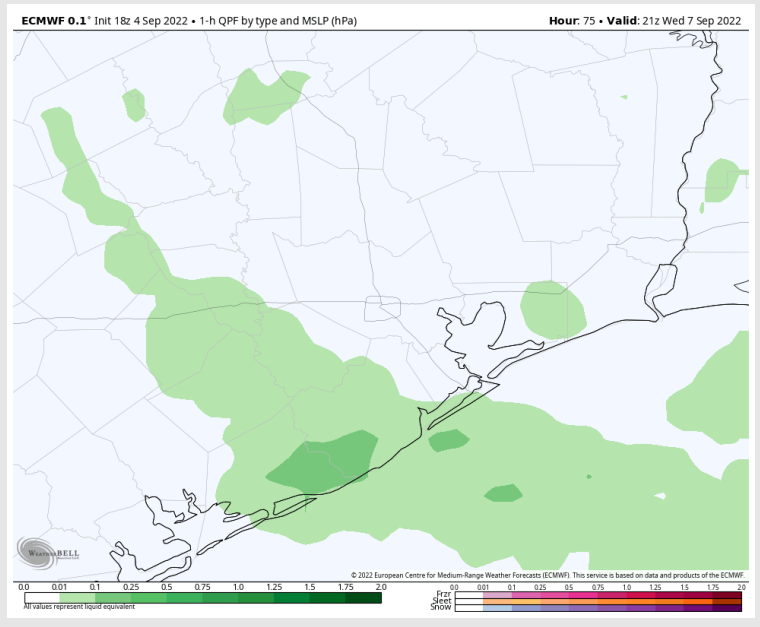
Precip: Anticipating a 20-30% chance for sporadic showers/storms in the AM Wednesday. Best chance for scattered showers/storms will move in between 1-4PM (30-40%). Lightning, strong wind and locally heavy downpours all possible with stronger storms.

Wind: Variable winds throughout the AM 3-8 MPH. Beginning around 12PM winds will veer from the NE still 3-8 MPH with a wave of stronger winds up to 20 MPH around 3 PM, then resuming to 3-8 MPH the rest of the evening.

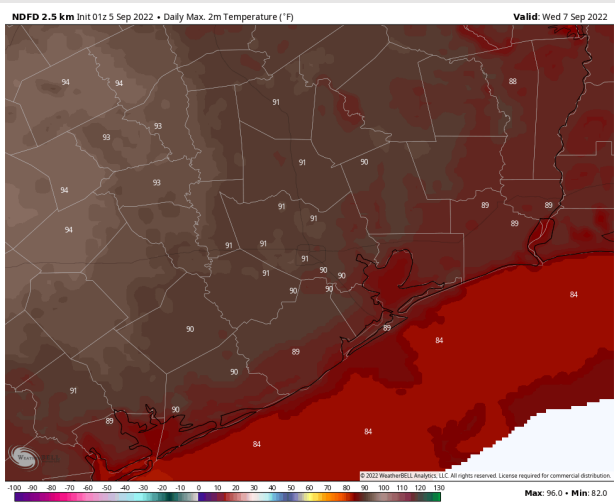
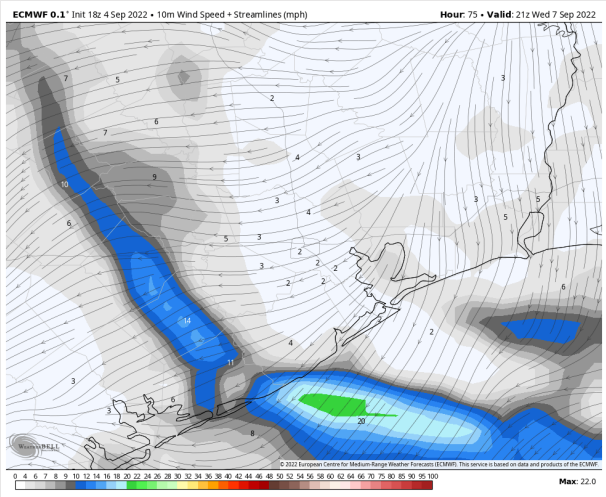
Temps: High temps Wednesday in the mid 80s F near the boarding station and near 90 F at all other stations.

Visibility: Not anticipating any fog concerns at this time.

Precip Forecast: 4 PM CT

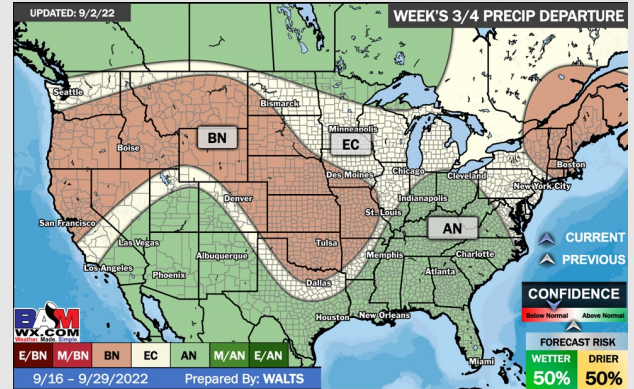
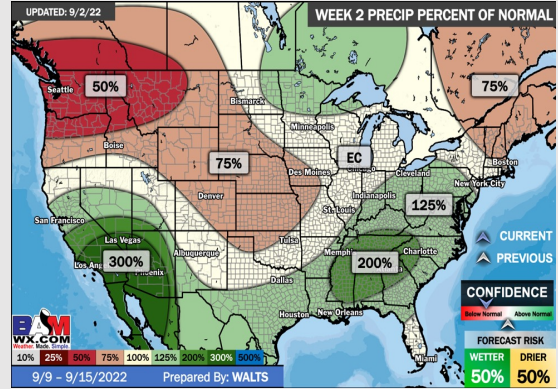
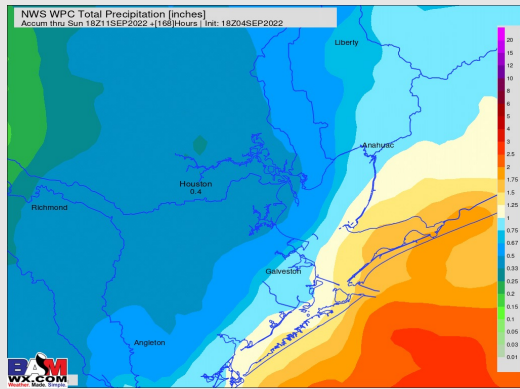
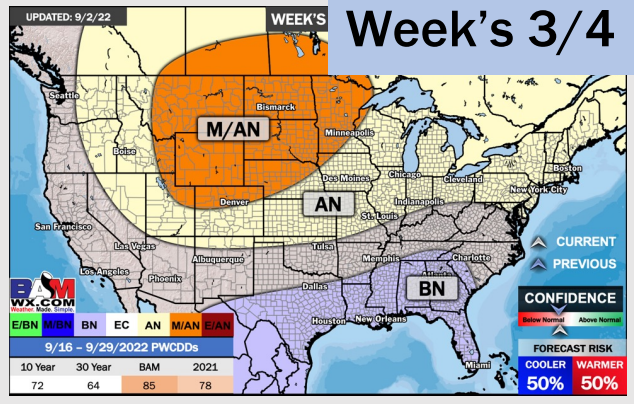
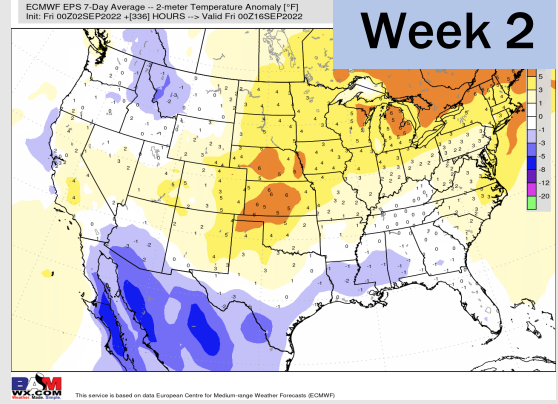
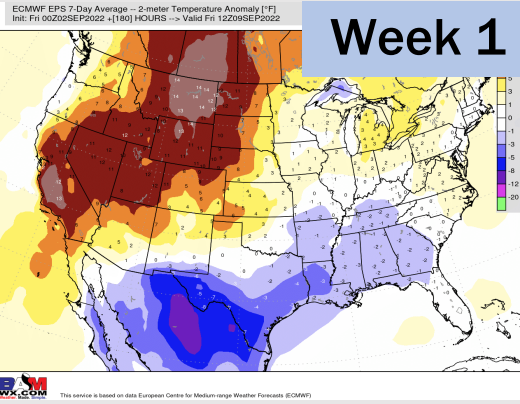


Wind Speed
4 PM CT



High Temps
Wednesday

Houston Pilots: 9/5/22



- Temperatures expected to be below normal for the next week. Increased rainfall chances as storms move through the area the next several days.
- Week 2 likely features below normal temperatures and above normal precipitation.
- The weeks 3/4 timeframe into mid September looks to feature below normal temperatures and above normal risks for precip.