

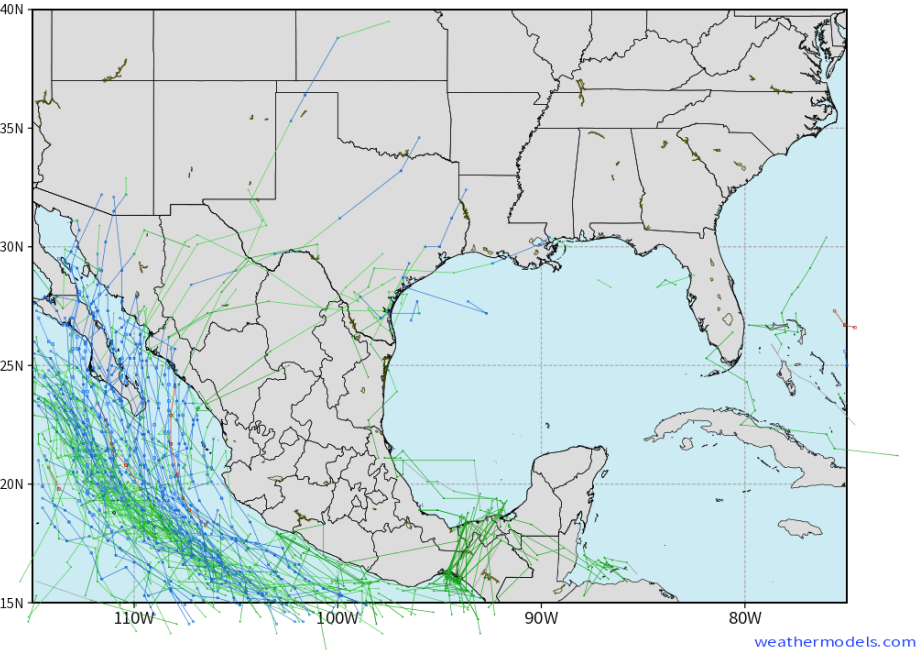
Houston Pilots Extended Range Tropical Report



European Data Tracks Next 10 Days

ECMWF GULF EPS Cyclone Locations --> Next [10-days]
INIT: 00Z31AUG2022 --> UNTIL 00Z10SEP2022

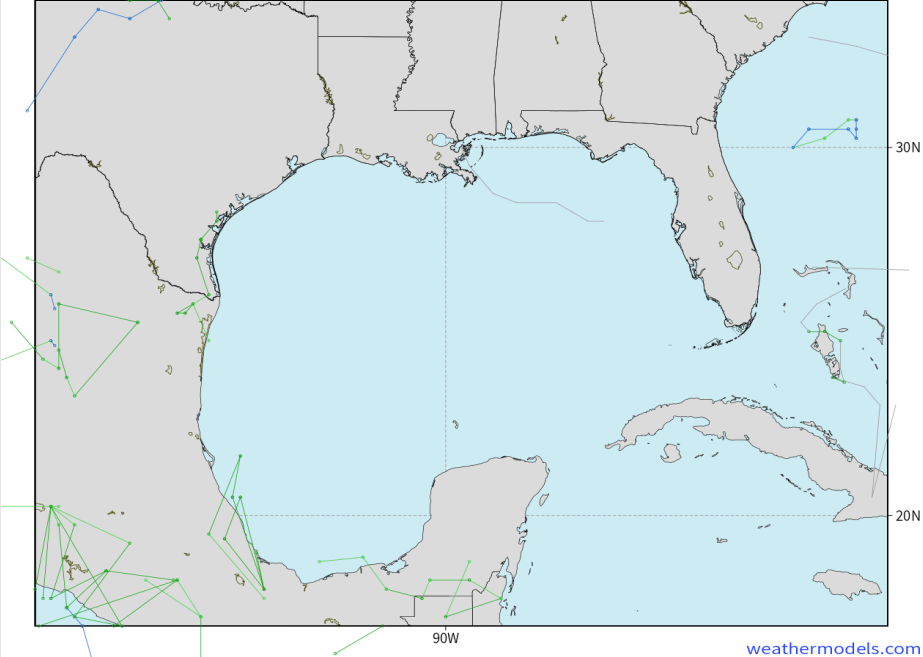
o-o ENSEMBLE MEAN
o-o 1000 - 1010 hPa
o-o 980 - 999 hPa
o-o 960 - 979 hPa
o-o 950 - 959 hPa
o-o < 950 hPa



American Data Tracks Next 10 Days

NCEP GEFSv12 Ensemble Cyclones [0.25°] +240 Hours
INIT: 00Z31AUG2022 --> UNTIL 00Z10SEP2022

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 7-10 days in the Gulf Of Mexico. Any tropical activity will stay confined to the Atlantic.



Houston Pilots Wind Report



Confidence

Sustained wind 13 MPH

Gusts 18 MPH

Wind from the N

WS: 13

G:18

N

Example

Time	09-01-2022 Thu 3am	09-01-2022 Thu 4am	09-01-2022 Thu 5am	09-01-2022 Thu 6am	09-01-2022 Thu 7am	09-01-2022 Thu 8am	09-01-2022 Thu 9am	09-01-2022 Thu 10am	09-01-2022 Thu 11am	09-01-2022 Thu 12pm	09-01-2022 Thu 1pm	09-01-2022 Thu 2pm	09-01-2022 Thu 3pm	09-01-2022 Thu 4pm	09-01-2022 Thu 5pm	09-01-2022 Thu 6pm	09-01-2022 Thu 7pm	09-01-2022 Thu 8pm	09-01-2022 Thu 9pm	09-01-2022 Thu 10pm	09-01-2022 Thu 11pm	09-02-2022 Fri 12am	09-02-2022 Fri 1am	09-02-2022 Fri 2am	09-02-2022 Fri 3am	09-02-2022 Fri 4am	09-02-2022 Fri 5am	09-02-2022 Fri 6am	09-02-2022 Fri 7am	09-02-2022 Fri 8am	09-02-2022 Fri 9am	09-02-2022 Fri 10am	09-02-2022 Fri 11am	09-02-2022 Fri 12pm	09-02-2022 Fri 1pm	09-02-2022 Fri 2pm			
Houston Pilots N - 610 Bridge	WS: 2 G:5 NNW	WS: 2 G:4 NNE	WS: 2 G:4 WSW	WS: 2 G:4 NNW	WS: 2 G:4 NW	WS: 2 G:6 NNE	WS: 5 G:7 NE	WS: 3 G:4 NE	WS: 3 G:4 E	WS: 3 G:4 ESE	WS: 3 G:4 ESE	WS: 4 G:4 S	WS: 4 G:5 S	WS: 7 G:9 NE	WS: 10 G:14 ENE	WS: 5 G:9 SW	WS: 5 G:8 ESE	WS: 4 G:7 ESE	WS: 4 G:4 E	WS: 3 G:6 E	WS: 3 G:5 ENE	WS: 3 G:4 ENE	WS: 2 G:3 ESE	WS: 2 G:3 ESE	WS: 1 G:2 E	WS: 2 G:2 SE	WS: 2 G:2 ENE	WS: 2 G:2 NNE	WS: 2 G:2 NNE	WS: 2 G:2 NNE	WS: 2 G:3 NNE	WS: 2 G:4 NNE	WS: 4 G:5 NNE	WS: 4 G:6 E	WS: 4 G:7 E	WS: 4 G:8 E	WS: 5 G:8 E		
Houston Pilots M - Kinder 1	WS: 2 G:5 SW	WS: 2 G:4 NNE	WS: 2 G:4 S	WS: 2 G:4 NNW	WS: 2 G:3 NNW	WS: 2 G:6 NNE	WS: 5 G:7 NE	WS: 3 G:5 NE	WS: 3 G:4 ENE	WS: 4 G:4 ENE	WS: 3 G:4 ENE	WS: 4 G:4 SE	WS: 3 G:4 SE	WS: 8 G:10 ENE	WS: 10 G:14 ENE	WS: 5 G:8 S	WS: 5 G:8 ESE	WS: 4 G:6 ESE	WS: 4 G:4 ESE	WS: 3 G:6 E	WS: 3 G:5 ENE	WS: 3 G:4 ENE	WS: 2 G:3 E	WS: 2 G:3 E	WS: 2 G:2 E	WS: 2 G:2 ESE	WS: 2 G:2 ESE	WS: 2 G:2 NNE	WS: 2 G:2 NNE	WS: 2 G:2 NNE	WS: 2 G:3 NNE	WS: 4 G:4 NNE	WS: 4 G:5 NNE	WS: 4 G:6 ENE	WS: 4 G:7 ENE	WS: 4 G:8 E	WS: 5 G:8 E		
Houston Pilots L - Greens Bayou	WS: 2 G:5 E	WS: 2 G:4 NNE	WS: 1 G:4 ESE	WS: 2 G:4 W	WS: 2 G:4 WSW	WS: 2 G:6 NNE	WS: 2 G:7 NNE	WS: 4 G:5 NE	WS: 3 G:4 NE	WS: 4 G:4 NE	WS: 3 G:3 ENE	WS: 3 G:4 ENE	WS: 3 G:3 ENE	WS: 9 G:11 E	WS: 11 G:15 ENE	WS: 5 G:8 ESE	WS: 5 G:8 ESE	WS: 4 G:6 ESE	WS: 4 G:6 ENE	WS: 3 G:5 ENE	WS: 3 G:5 ENE	WS: 3 G:4 ENE	WS: 2 G:3 E	WS: 2 G:3 E	WS: 2 G:2 E	WS: 2 G:2 SSE	WS: 2 G:2 SSE	WS: 2 G:2 NNE	WS: 2 G:2 NNE	WS: 2 G:2 NNE	WS: 2 G:3 NNE	WS: 4 G:4 NNE	WS: 4 G:5 NNE	WS: 4 G:6 NE	WS: 4 G:7 ENE	WS: 5 G:8 E	WS: 5 G:8 E		
Houston Pilots K - Shell Crude	WS: 2 G:5 ESE	WS: 2 G:5 NNE	WS: 1 G:4 NE	WS: 2 G:5 SW	WS: 1 G:4 SSW	WS: 2 G:6 N	WS: 4 G:7 NNE	WS: 4 G:5 NE	WS: 3 G:4 NE	WS: 4 G:4 NE	WS: 4 G:5 NE	WS: 4 G:5 ENE	WS: 4 G:5 ENE	WS: 9 G:11 E	WS: 10 G:14 ENE	WS: 8 G:8 ESE	WS: 5 G:8 ESE	WS: 4 G:6 ESE	WS: 4 G:6 ENE	WS: 3 G:5 ENE	WS: 3 G:4 ENE	WS: 3 G:4 ENE	WS: 2 G:2 E	WS: 2 G:2 E	WS: 2 G:3 ESE	WS: 2 G:2 ESE	WS: 2 G:2 ESE	WS: 2 G:2 ENE	WS: 2 G:2 NNE	WS: 2 G:2 NNE	WS: 3 G:3 NNE	WS: 3 G:3 NNE	WS: 4 G:4 NNE	WS: 4 G:5 NNE	WS: 4 G:6 NE	WS: 5 G:7 ENE	WS: 5 G:7 ESE	WS: 6 G:7 ESE	
Houston Pilots J - Lynchburg Ferries	WS: 2 G:5 WSW	WS: 2 G:5 NNE	WS: 1 G:4 NNE	WS: 2 G:5 SSW	WS: 2 G:4 SSW	WS: 2 G:7 NNE	WS: 4 G:7 NNE	WS: 4 G:5 NNE	WS: 3 G:4 NNE	WS: 3 G:4 NNE	WS: 2 G:3 ENE	WS: 4 G:4 ENE	WS: 6 G:7 E	WS: 8 G:11 ESE	WS: 10 G:13 NE	WS: 5 G:8 ESE	WS: 5 G:8 ESE	WS: 4 G:6 ESE	WS: 4 G:6 ENE	WS: 4 G:6 ENE	WS: 4 G:5 ENE	WS: 3 G:4 ENE	WS: 3 G:5 ENE	WS: 3 G:4 E	WS: 3 G:3 ESE	WS: 2 G:3 ESE	WS: 2 G:2 E	WS: 2 G:2 E	WS: 2 G:2 NNE	WS: 2 G:2 NNE	WS: 3 G:3 NNE	WS: 3 G:3 NNE	WS: 4 G:4 NNE	WS: 4 G:5 NNE	WS: 4 G:6 NE	WS: 5 G:7 ENE	WS: 5 G:7 ESE	WS: 6 G:7 ESE	
Houston Pilots I - Exxon 3	WS: 2 G:6 NNW	WS: 2 G:6 NNE	WS: 2 G:5 NNE	WS: 2 G:6 S	WS: 2 G:4 SSW	WS: 2 G:8 NNE	WS: 4 G:8 NNE	WS: 4 G:5 NNE	WS: 3 G:4 ENE	WS: 3 G:4 ESE	WS: 2 G:3 SSE	WS: 4 G:5 E	WS: 8 G:10 E	WS: 7 G:9 E	WS: 7 G:10 ENE	WS: 6 G:9 SE	WS: 5 G:8 SE	WS: 4 G:6 ESE	WS: 4 G:6 E	WS: 4 G:6 ENE	WS: 4 G:5 ENE	WS: 3 G:4 ENE	WS: 3 G:5 ENE	WS: 3 G:4 E	WS: 3 G:4 ESE	WS: 3 G:3 ESE	WS: 3 G:4 ESE	WS: 3 G:3 ENE	WS: 2 G:3 NNE	WS: 3 G:3 NNE	WS: 3 G:4 NNE	WS: 4 G:5 NNE	WS: 4 G:5 NNE	WS: 4 G:6 NE	WS: 5 G:7 ENE	WS: 5 G:7 ESE	WS: 6 G:8 SE	WS: 6 G:7 SE	
Houston Pilots H - Morgans Point	WS: 3 G:6 W	WS: 3 G:7 NNE	WS: 3 G:6 NNE	WS: 3 G:6 ESE	WS: 2 G:5 SE	WS: 3 G:8 NNE	WS: 5 G:8 NNE	WS: 4 G:6 NNE	WS: 2 G:4 E	WS: 3 G:4 S	WS: 3 G:3 SSE	WS: 5 G:6 SE	WS: 9 G:11 ESE	WS: 7 G:7 E	WS: 5 G:7 E	WS: 6 G:9 SE	WS: 6 G:8 SE	WS: 4 G:7 ESE	WS: 5 G:6 ESE	WS: 4 G:6 ESE	WS: 4 G:6 ENE	WS: 4 G:6 ENE	WS: 4 G:5 ESE	WS: 4 G:5 ESE	WS: 4 G:4 ENE	WS: 3 G:4 ENE	WS: 3 G:4 NNE	WS: 3 G:4 NNE	WS: 4 G:4 NNE	WS: 4 G:5 NNE	WS: 4 G:5 NNE	WS: 4 G:6 NE	WS: 5 G:7 ENE	WS: 5 G:7 ESE	WS: 6 G:8 SE	WS: 6 G:8 SE	WS: 7 G:9 SE	WS: 7 G:8 SE	
Houston Pilots G - 75/76	WS: 5 G:6 SE	WS: 5 G:7 NNE	WS: 4 G:5 NNE	WS: 5 G:6 NNE	WS: 4 G:5 NNE	WS: 6 G:7 NNE	WS: 7 G:8 NE	WS: 5 G:7 NE	WS: 3 G:5 ESE	WS: 2 G:5 ESE	WS: 3 G:4 S	WS: 5 G:6 SE	WS: 11 G:12 SE	WS: 7 G:8 ESE	WS: 7 G:8 SE	WS: 6 G:9 SE	WS: 5 G:8 SE	WS: 5 G:8 ESE	WS: 6 G:8 ESE	WS: 6 G:8 ESE	WS: 5 G:7 ESE	WS: 5 G:7 ESE	WS: 5 G:7 ESE	WS: 5 G:7 ESE	WS: 5 G:6 ESE	WS: 5 G:6 ESE	WS: 5 G:6 ESE	WS: 4 G:5 ESE	WS: 4 G:5 NNE	WS: 4 G:5 NNE	WS: 5 G:5 NNE	WS: 4 G:5 NNE	WS: 5 G:5 NE	WS: 5 G:6 ESE	WS: 5 G:6 ESE	WS: 6 G:7 ESE	WS: 6 G:7 ESE	WS: 7 G:8 SE	WS: 7 G:8 SE
Houston Pilots F - 63/64	WS: 6 G:6 N	WS: 6 G:6 NNE	WS: 4 G:5 NNE	WS: 5 G:5 NNE	WS: 6 G:7 NE	WS: 8 G:9 NNE	WS: 7 G:7 NE	WS: 5 G:6 NE	WS: 5 G:5 SE	WS: 2 G:4 SSW	WS: 2 G:5 ESE	WS: 10 G:11 SE	WS: 7 G:8 SE	WS: 7 G:8 ESE	WS: 7 G:8 ESE	WS: 7 G:7 SE	WS: 6 G:8 SE	WS: 6 G:8 ESE	WS: 6 G:8 ESE	WS: 5 G:7 ESE	WS: 6 G:8 ESE	WS: 6 G:8 ESE	WS: 6 G:7 ESE	WS: 6 G:6 ESE	WS: 5 G:6 ESE	WS: 5 G:6 ESE	WS: 5 G:6 ESE	WS: 4 G:5 ESE	WS: 4 G:5 NNE	WS: 5 G:5 NNE	WS: 5 G:5 NNE	WS: 5 G:6 NNE	WS: 5 G:6 NNE	WS: 5 G:7 NE	WS: 5 G:7 NE	WS: 6 G:8 ESE	WS: 6 G:8 ESE	WS: 7 G:9 SE	WS: 7 G:9 SE
Houston Pilots E - 51/52	WS: 6 G:6 NNE	WS: 5 G:5 NNE	WS: 4 G:4 NNE	WS: 5 G:5 NNE	WS: 5 G:5 NNE	WS: 6 G:7 NE	WS: 8 G:9 NE	WS: 6 G:6 NE	WS: 5 G:5 ENE	WS: 4 G:4 SW	WS: 3 G:4 WSW	WS: 9 G:12 ENE	WS: 9 G:10 ESE	WS: 8 G:8 ESE	WS: 7 G:9 ESE	WS: 6 G:8 SE	WS: 5 G:8 SE	WS: 6 G:8 ESE	WS: 6 G:8 ESE	WS: 6 G:8 ESE	WS: 6 G:8 ESE	WS: 6 G:8 ESE	WS: 6 G:7 ESE	WS: 5 G:6 ESE	WS: 5 G:6 ESE	WS: 5 G:6 ESE	WS: 5 G:6 ESE	WS: 4 G:5 ESE	WS: 4 G:5 NNE	WS: 5 G:5 NNE	WS: 5 G:5 NNE	WS: 5 G:6 NNE	WS: 6 G:7 NE	WS: 6 G:7 NE	WS: 6 G:8 ESE	WS: 6 G:8 ESE	WS: 7 G:9 SE	WS: 7 G:9 SE	
Houston Pilots D - 37/38	WS: 7 G:7 NNE	WS: 7 G:6 NNE	WS: 5 G:5 NNE	WS: 6 G:6 NNE	WS: 6 G:6 NNE	WS: 6 G:7 NE	WS: 8 G:9 NE	WS: 6 G:6 NE	WS: 4 G:4 W	WS: 5 G:4 W	WS: 10 G:12 NE	WS: 8 G:9 E	WS: 6 G:7 E	WS: 7 G:7 ESE	WS: 7 G:8 ESE	WS: 6 G:8 SE	WS: 6 G:8 SE	WS: 6 G:8 ESE	WS: 6 G:8 ESE	WS: 6 G:8 ESE	WS: 6 G:8 ESE	WS: 6 G:8 ESE	WS: 6 G:7 ESE	WS: 5 G:6 ESE	WS: 5 G:6 ESE	WS: 5 G:6 ESE	WS: 5 G:6 ESE	WS: 4 G:5 ENE	WS: 5 G:5 NNE	WS: 5 G:5 NNE	WS: 5 G:6 NNE	WS: 6 G:7 NE	WS: 6 G:7 NE	WS: 6 G:8 ESE	WS: 6 G:8 ESE	WS: 7 G:9 SE	WS: 7 G:9 SE		
Houston Pilots C - 25/26	WS: 6 G:7 NNE	WS: 6 G:7 NNE	WS: 6 G:7 NE	WS: 6 G:6 NNE	WS: 6 G:7 NNE	WS: 8 G:8 NE	WS: 6 G:6 NE	WS: 5 G:5 NNE	WS: 4 G:4 NNE	WS: 4 G:4 SW	WS: 7 G:9 NNE	WS: 8 G:9 ENE	WS: 6 G:7 ESE	WS: 8 G:8 ESE	WS: 8 G:8 ESE	WS: 6 G:7 SE	WS: 5 G:8 SE	WS: 5 G:8 SE	WS: 6 G:8 ESE	WS: 6 G:8 ESE	WS: 5 G:7 ESE	WS: 5 G:8 ESE	WS: 6 G:8 ESE	WS: 6 G:8 ESE	WS: 6 G:7 ESE	WS: 5 G:6 ESE	WS: 5 G:6 ESE	WS: 5 G:6 ESE	WS: 4 G:5 ENE	WS: 5 G:5 NNE	WS: 5 G:5 NNE	WS: 6 G:6 NNE	WS: 6 G:6 NNE	WS: 6 G:7 NE	WS: 6 G:7 NE	WS: 6 G:8 ESE	WS: 6 G:8 ESE	WS: 7 G:9 SE	WS: 7 G:9 SE
Houston Pilots B - 11/12	WS: 5 G:6 NNE	WS: 6 G:7 NNE	WS: 6 G:7 NNE	WS: 6 G:8 NNE	WS: 5 G:7 NNE	WS: 5 G:8 NNE	WS: 7 G:8 NE	WS: 5 G:6 NE	WS: 4 G:6 NNE	WS: 3 G:5 SSE	WS: 4 G:5 ENE	WS: 6 G:8 ENE	WS: 9 G:9 ENE	WS: 6 G:6 ESE	WS: 7 G:8 ESE	WS: 6 G:7 SE	WS: 5 G:6 SE	WS: 5 G:6 SE	WS: 6 G:8 ESE	WS: 6 G:8 ESE	WS: 5 G:7 ESE	WS: 5 G:8 ESE	WS: 6 G:8 ESE	WS: 6 G:8 ESE	WS: 6 G:7 ESE	WS: 6 G:6 ESE	WS: 6 G:6 ESE	WS: 5 G:5 ESE	WS: 5 G:5 NNE	WS: 5 G:5 NNE	WS: 6 G:6 NNE	WS: 6 G:6 NNE	WS: 6 G:7 ENE	WS: 6 G:7 ENE	WS: 6 G:8 ESE	WS: 6 G:8 ESE	WS: 7 G:9 SE	WS: 7 G:9 SE	
Houston Pilots A - 1 & 2 Bravo	WS: 3 G:4 ENE	WS: 3 G:5 NNE	WS: 7 G:7 NNE	WS: 6 G:8 NNE	WS: 6 G:7 NNE	WS: 6 G:7 NNE	WS: 9 G:9 NE	WS: 8 G:8 NE	WS: 6 G:6 NNE	WS: 5 G:5 ENE	WS: 5 G:6 ENE	WS: 9 G:9 NE	WS: 5 G:6 NE	WS: 6 G:6 E	WS: 6 G:6 E	WS: 5 G:6 SE	WS: 5 G:6 SE	WS: 6 G:8 ESE	WS: 6 G:8 ESE	WS: 6 G:8 ESE	WS: 6 G:8 ESE	WS: 6 G:8 ESE	WS: 6 G:8 ESE	WS: 6 G:8 ESE	WS: 6 G:8 ESE	WS: 6 G:8 ESE	WS: 6 G:8 ESE	WS: 6 G:8 ESE	WS: 6 G:8 ESE	WS: 6 G:7 E	WS: 6 G:7 ENE	WS: 6 G:7 ENE	WS: 6 G:8 ENE	WS: 6 G:8 ENE	WS: 6 G:7 ENE	WS: 6 G:8 ESE	WS: 6 G:8 ESE	WS: 7 G:9 SE	WS: 7 G:9 SE

See slides below for official thoughts on winds.

Houston Pilots: Thurs. 9/1/2022

Forecast Discussion

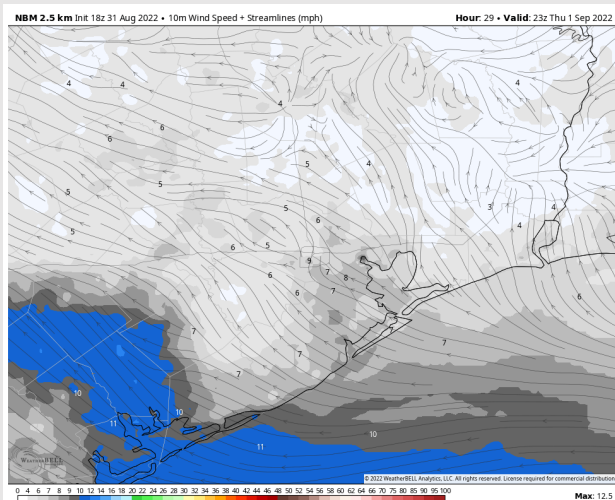
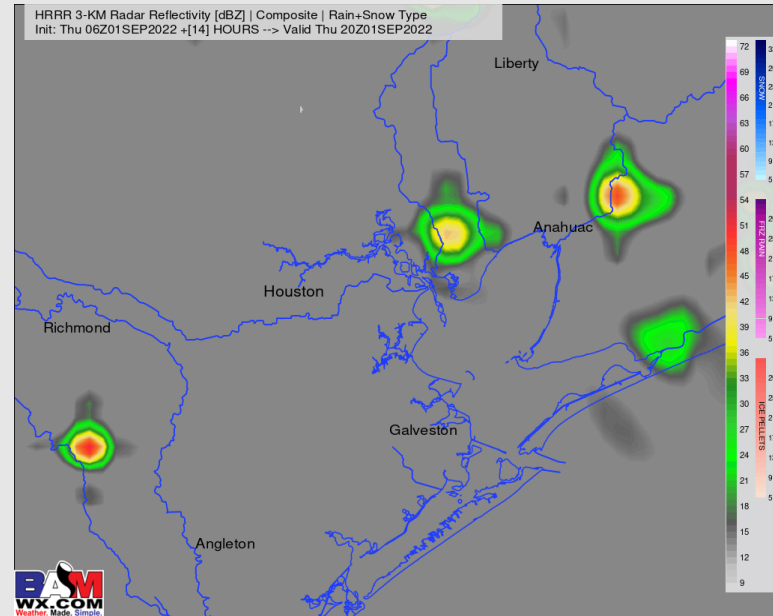
Precip: Favoring drier conditions to continue this morning. Scattered shower/storm chances increase to 30% from 2-8PM. After 8PM, better coverage for these storms will be north of HOU Metro, leaving mainly dry conditions for our stations. Gusty winds, locally heavy downpours and lightning all possible under the strongest cells.

Wind: Sustained winds out of the NE this AM 3-8 MPH. After 3PM, winds come more from the SE at 5-10 MPH and continue for the rest of the evening. Any strong cells could hold gusts of 10-20 MPH.

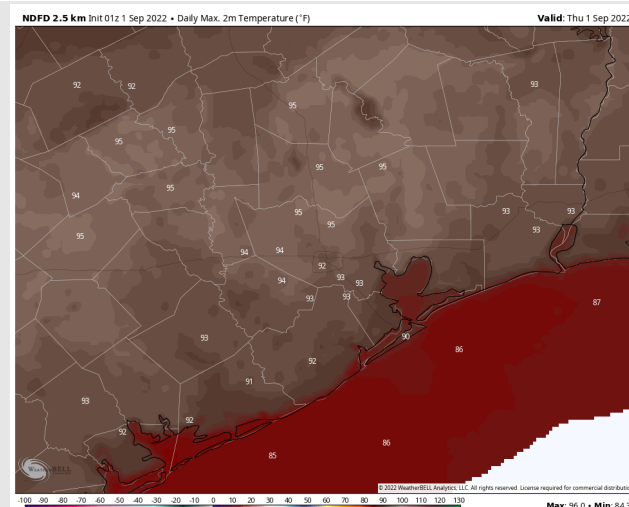
Temps: High temps in the mid 80s F near the boarding station and in the near to low 90s F at all other stations.

Visibility: Not anticipating any fog concerns at this time.

Precip Forecast: 5 PM CT



Wind Speed
6 PM CT



High Temps
Today

Houston Pilots: Fri. 9/2/2022



Forecast Discussion

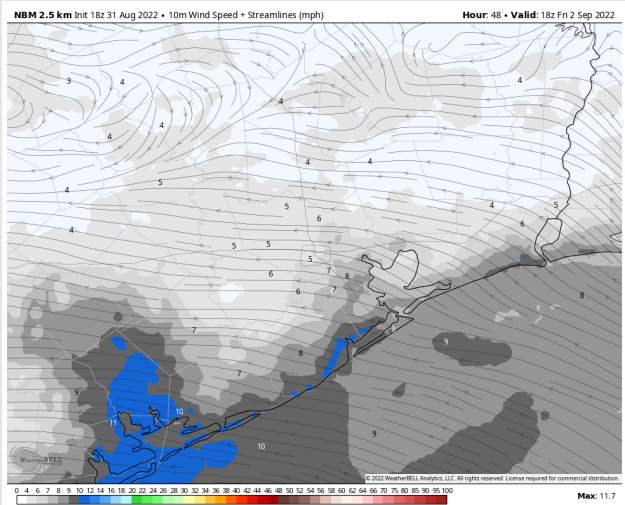
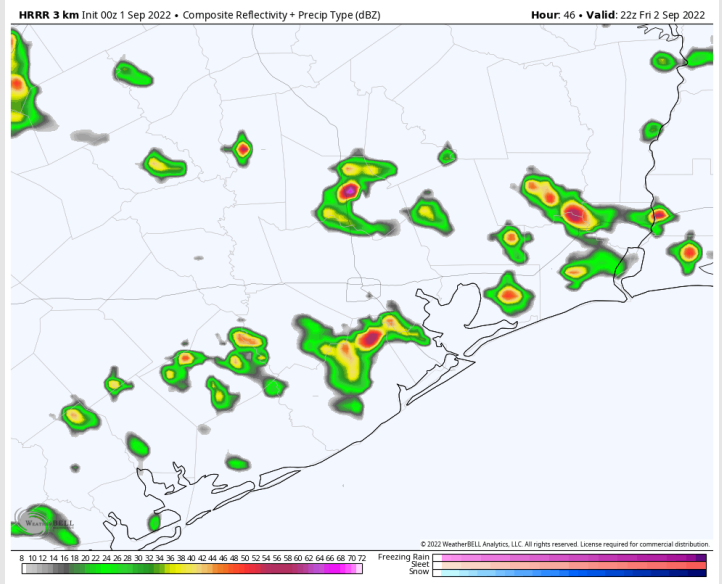
Precip: Expecting drier conditions until 1 PM on Friday. After 1 PM, chances increase to 30% for all stations until 7PM, then decrease back down to 10% for the rest of the evening. Gusty winds, locally heavy downpours and lightning all possible under stronger cells.

Wind: Sustained winds out of the E/ESE in the AM. Winds veer more out of the SE into the afternoon. Morning winds will likely be in the 3-8 MPH range before increasing to 5-10 MPH in the afternoon. Afternoon gust of 10-20 MPH will be possible under stronger cells that develop.

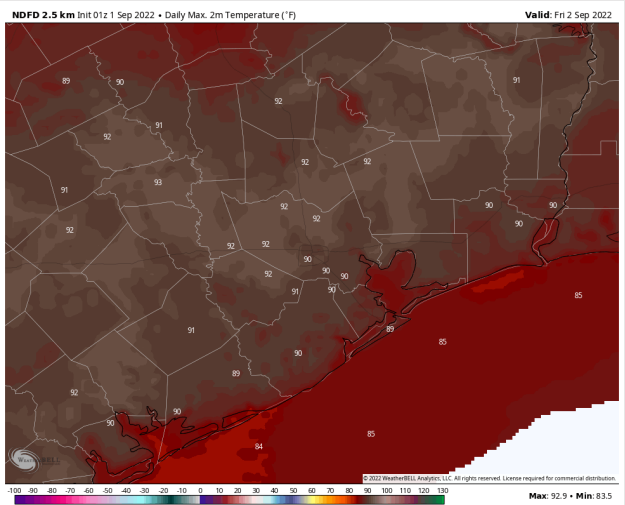
Temps: High temps Friday in the mid 80s F near the boarding station and near 90 F at all other stations.

Visibility: No fog anticipated. Under heavier cells that develop, visibility can be reduced.

Precip Forecast: 5 PM CT



Wind Speed
2 PM CT



High Temps
Friday

Houston Pilots: sat. 1/3/2022



Forecast Discussion

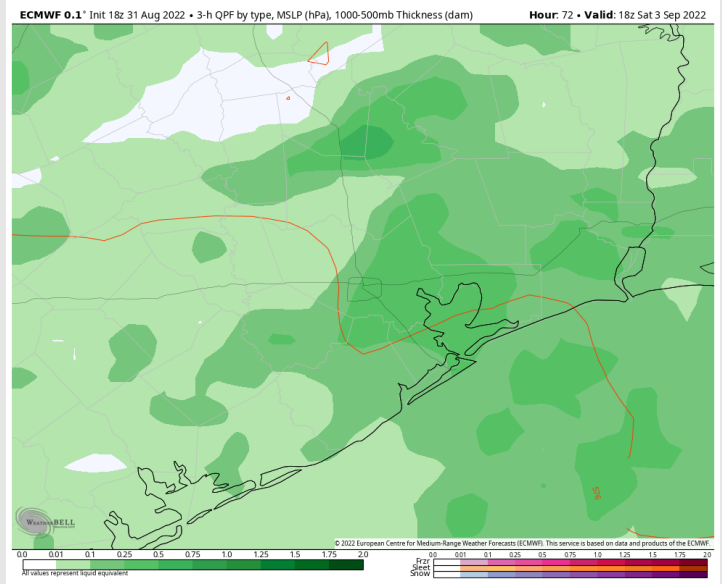
Precip: Anticipating a 70% chance for scattered showers/storms throughout the day Saturday.

Wind: Sustained winds 7-12 MPH out of the SE before sunrise Saturday. Between 7AM-2PM, winds calm to 5-10 MPH. From 2PM-7PM winds pick back up 8-13 MPH out of the S. After 7PM winds again veer from the SE, decrease 3-8 MPH and continue for the rest of the PM.

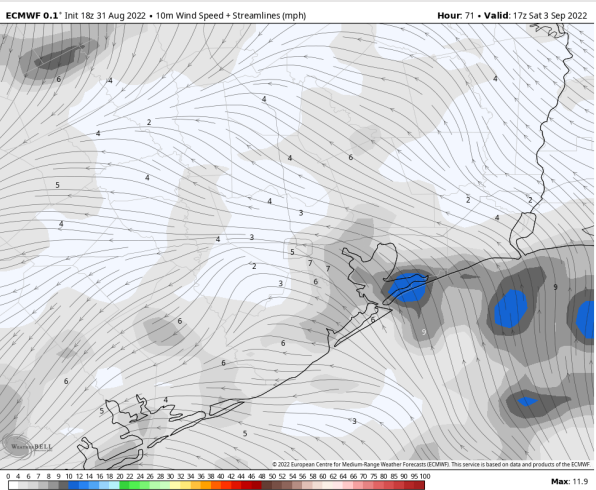
Temps: High temps Saturday in the mid 80s F for all stations.

Visibility: Not anticipating fog concerns for Saturday.

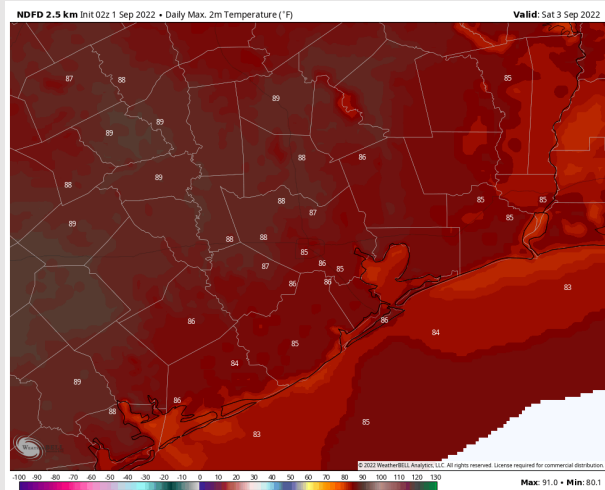
Precip Forecast: 1 PM CT



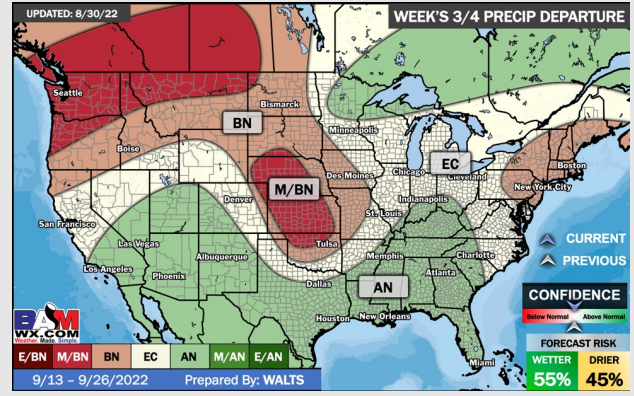
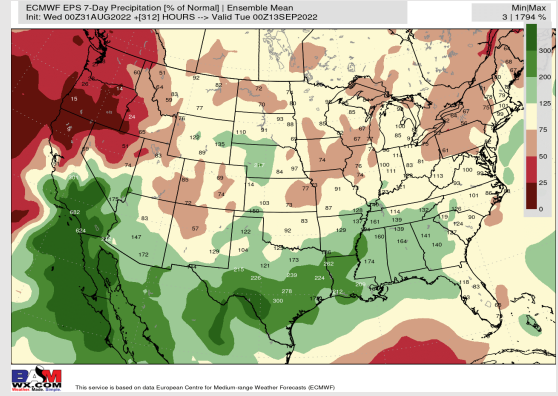
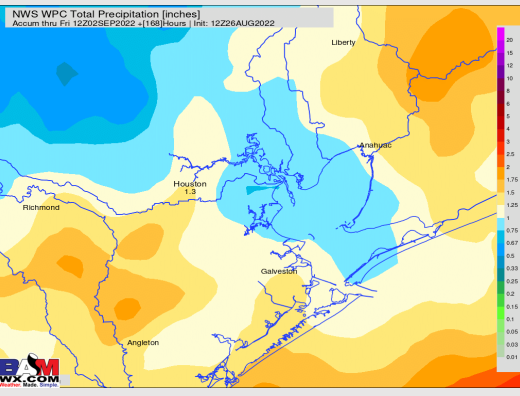
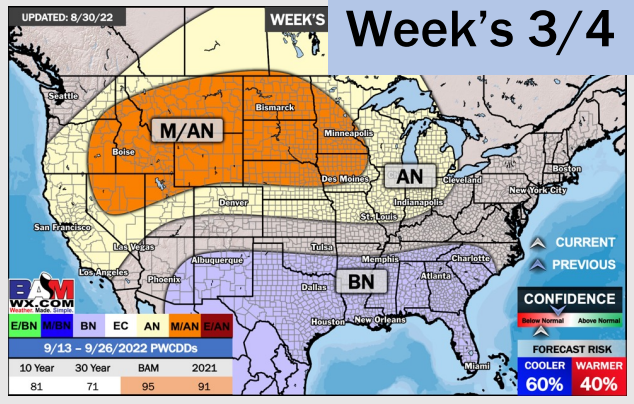
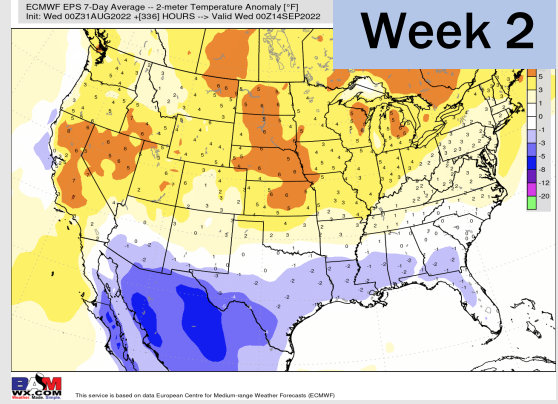
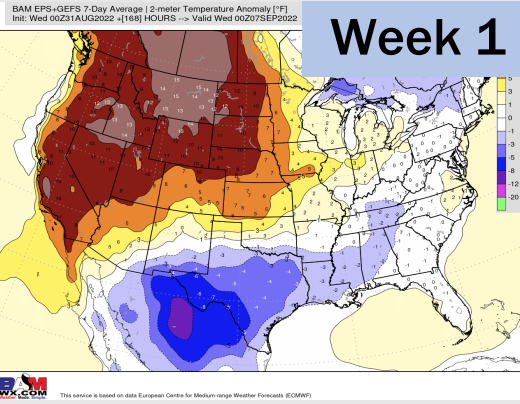
Wind Speed
12 PM CT



High Temps
Saturday



Houston Pilots: 9/1/22



- 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.