

Houston Pilots Forecast Package

Houston Pilots

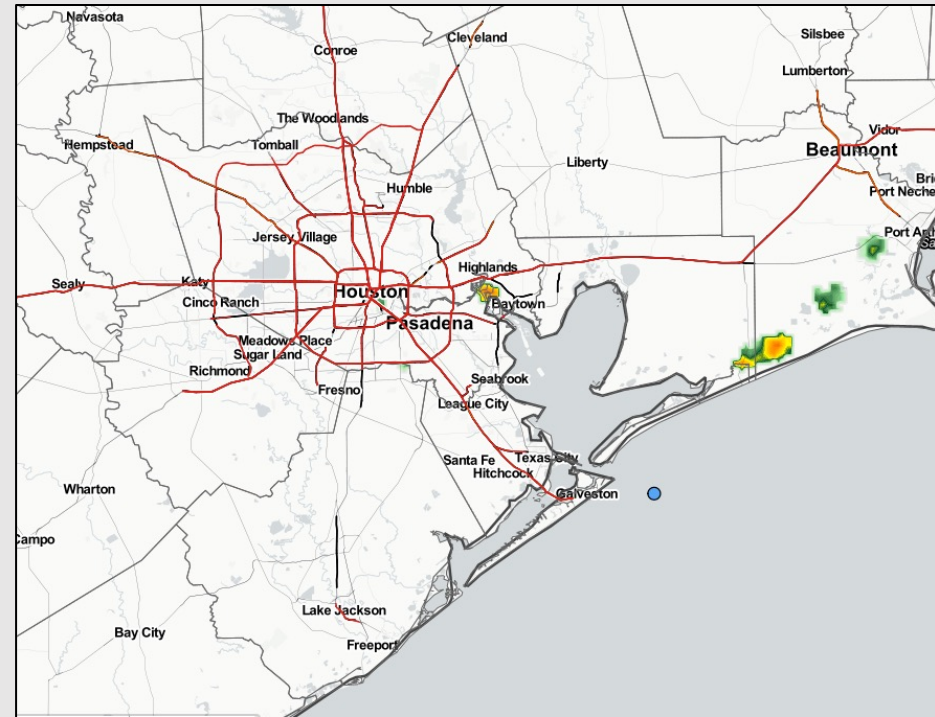
Updated: 1:00 PM CT

Thursday, September 1, 2022

Forecaster: Vince Bryan

Weather Headlines

- Watching for lower end chances today and tomorrow. Saturday into early next week will feature at least 60+% chances of seeing precip each day. The overall active pattern continues.
- No tropical activity is favored in the Gulf over the next 7-10 days.
- Winds will continue to remain calmer with any elevated winds likely coming from pockets of stronger precipitation.



Radar/ NWS Alerts: 1:00 PM 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.

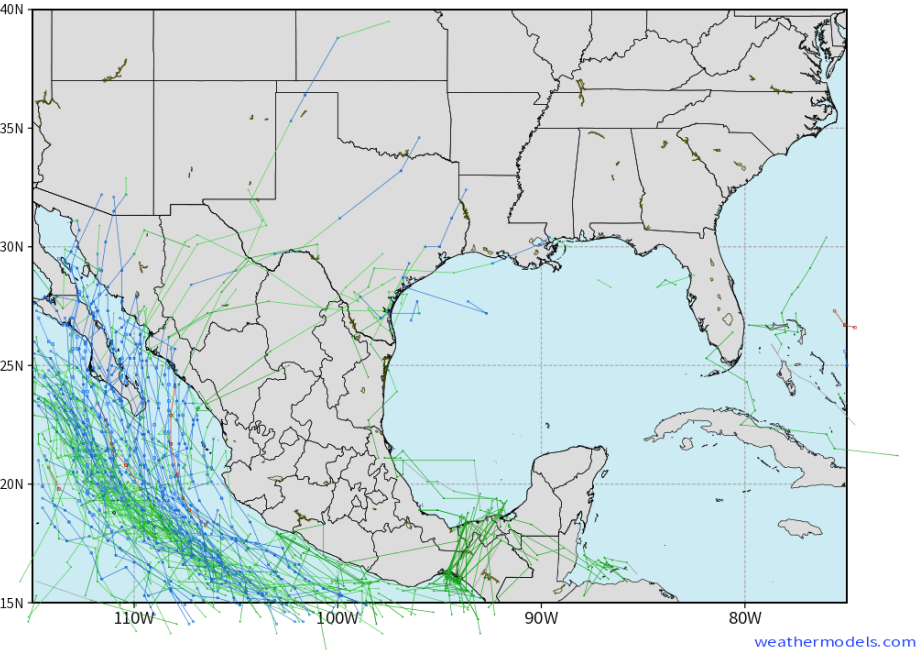
Houston Pilots Extended Range Tropical Report



European Data Tracks Next 10 Days

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

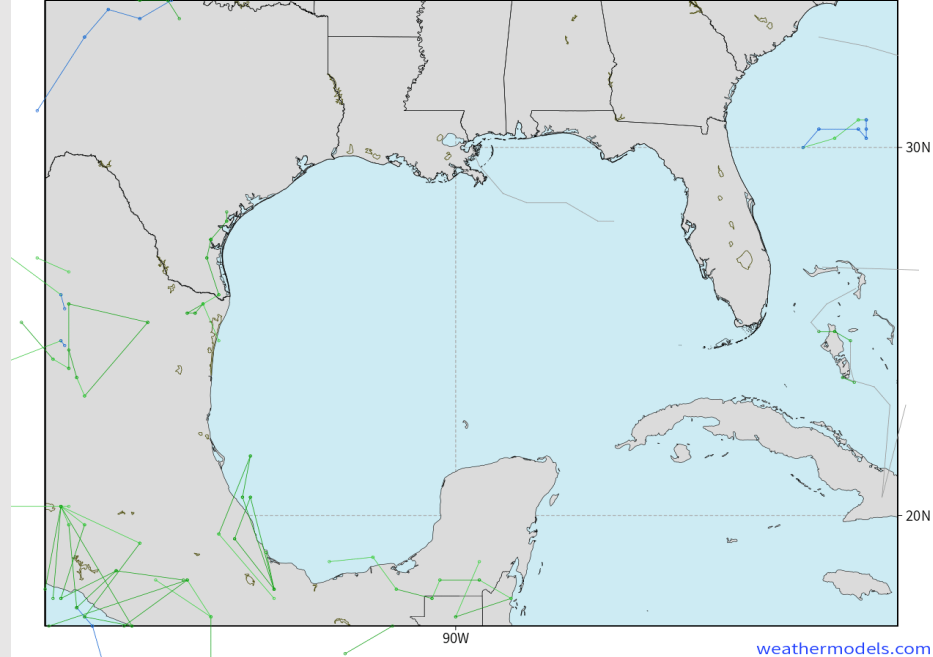
o-o ENSEMBLE MEAN
o-o 1000 - 1010 hPa
o-o 980 - 999 hPa
o-o 960 - 979 hPa
o-o 950 - 959 hPa
o-o < 950 hPa



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



Example

Sustained wind 13 MPH

Gusts 18 MPH

Wind from the N

WS: 13

G:18

N

Time	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	09-02-2022 Fri 3pm	09-02-2022 Fri 4pm	09-02-2022 Fri 5pm	09-02-2022 Fri 6pm	09-02-2022 Fri 7pm	09-02-2022 Fri 8pm	09-02-2022 Fri 9pm	
Houston Pilots N - 610 Bridge	WS: 4 G:6 NE	WS: 3 G:6 E	WS: 4 G:5 E	WS: 4 G:5 SE	WS: 4 G:4 E	WS: 3 G:4 ESE	WS: 6 G:7 ENE	WS: 10 G:13 E	WS: 3 G:3 NW	WS: 1 G:3 E	WS: 2 G:5 NE	WS: 3 G:7 NNE	WS: 1 G:5 ENE	WS: 2 G:6 ENE	WS: 2 G:2 ENE	WS: 2 G:3 ENE	WS: 1 G:1 ENE	WS: 1 G:1 ENE	WS: 1 G:1 ENE	WS: 1 G:1 ENE	WS: 2 G:2 NE	WS: 2 G:2 ENE	WS: 2 G:2 ENE	WS: 3 G:3 ESE	WS: 3 G:4 ESE	WS: 4 G:6 ESE	WS: 4 G:6 E	WS: 5 G:8 E	WS: 5 G:9 ESE	WS: 6 G:10 ESE	WS: 6 G:11 ESE	WS: 7 G:13 SSE	WS: 7 G:11 SSE	WS: 7 G:11 SE	WS: 5 G:9 SE	WS: 5 G:8 SSE	
Houston Pilots M - Kinder 1	WS: 4 G:6 NE	WS: 3 G:6 ENE	WS: 4 G:5 ENE	WS: 4 G:4 E	WS: 3 G:4 ENE	WS: 3 G:4 ENE	WS: 6 G:8 ENE	WS: 10 G:12 ESE	WS: 8 G:4 SSE	WS: 3 G:4 NW	WS: 2 G:3 E	WS: 2 G:5 NNE	WS: 3 G:5 NE	WS: 2 G:6 ENE	WS: 2 G:2 ENE	WS: 2 G:2 ENE	WS: 1 G:1 ENE	WS: 1 G:1 ENE	WS: 1 G:1 ENE	WS: 1 G:1 ENE	WS: 2 G:2 NE	WS: 2 G:2 ENE	WS: 2 G:2 ENE	WS: 3 G:3 ESE	WS: 3 G:4 ESE	WS: 4 G:6 ESE	WS: 4 G:7 E	WS: 5 G:8 E	WS: 5 G:9 ESE	WS: 6 G:10 ESE	WS: 7 G:11 ESE	WS: 7 G:11 SSE	WS: 7 G:11 SE	WS: 7 G:11 SE	WS: 5 G:9 SE	WS: 5 G:8 SSE	
Houston Pilots L - Greens Bayou	WS: 4 G:6 NE	WS: 3 G:6 NE	WS: 4 G:5 ENE	WS: 3 G:4 ENE	WS: 2 G:4 ENE	WS: 4 G:5 E	WS: 6 G:8 E	WS: 9 G:12 ESE	WS: 6 G:4 SE	WS: 3 G:4 W	WS: 2 G:3 ENE	WS: 4 G:7 NE	WS: 3 G:6 NE	WS: 2 G:5 NE	WS: 2 G:5 ENE	WS: 2 G:2 ENE	WS: 1 G:1 ENE	WS: 1 G:1 ENE	WS: 1 G:1 ENE	WS: 1 G:1 ENE	WS: 2 G:2 NE	WS: 2 G:2 ENE	WS: 2 G:2 ENE	WS: 3 G:3 E	WS: 3 G:4 ESE	WS: 4 G:5 ESE	WS: 5 G:7 ESE	WS: 5 G:7 ESE	WS: 6 G:8 ESE	WS: 6 G:9 ESE	WS: 8 G:10 ESE	WS: 8 G:10 SSE	WS: 7 G:11 SSE	WS: 7 G:10 SSE	WS: 8 G:8 SE	WS: 4 G:7 SSE	
Houston Pilots K - Shell Crude	WS: 4 G:6 NE	WS: 3 G:6 NE	WS: 4 G:5 ENE	WS: 3 G:4 ENE	WS: 3 G:3 ENE	WS: 5 G:6 E	WS: 8 G:10 E	WS: 9 G:11 ESE	WS: 7 G:7 E	WS: 3 G:4 SW	WS: 2 G:3 ESE	WS: 3 G:7 NNE	WS: 3 G:6 NNE	WS: 2 G:5 NE	WS: 2 G:4 ENE	WS: 2 G:2 ENE	WS: 2 G:3 ENE	WS: 1 G:2 ENE	WS: 1 G:2 ENE	WS: 1 G:2 ENE	WS: 2 G:2 NE	WS: 2 G:2 ENE	WS: 2 G:2 ENE	WS: 3 G:3 E	WS: 4 G:4 ESE	WS: 4 G:5 ESE	WS: 5 G:7 ESE	WS: 5 G:7 ESE	WS: 6 G:8 ESE	WS: 6 G:9 ESE	WS: 8 G:10 ESE	WS: 8 G:12 SSE	WS: 8 G:11 SSE	WS: 7 G:10 SE	WS: 5 G:8 SSE	WS: 5 G:8 SSE	
Houston Pilots J - Lynchburg Ferries	WS: 4 G:6 NE	WS: 3 G:6 ENE	WS: 3 G:4 NE	WS: 2 G:3 E	WS: 2 G:2 ESE	WS: 5 G:6 ESE	WS: 8 G:10 SE	WS: 8 G:10 ESE	WS: 5 G:5 NE	WS: 2 G:3 ESE	WS: 2 G:3 ENE	WS: 4 G:8 NE	WS: 3 G:2 NE	WS: 2 G:2 NE	WS: 2 G:2 E	WS: 3 G:4 E	WS: 2 G:2 E	WS: 2 G:2 ENE	WS: 2 G:2 ENE	WS: 2 G:2 ENE	WS: 2 G:2 NE	WS: 2 G:2 ENE	WS: 2 G:2 ENE	WS: 3 G:3 E	WS: 3 G:4 ESE	WS: 4 G:5 ESE	WS: 5 G:7 SE	WS: 5 G:7 SE	WS: 6 G:8 SE	WS: 6 G:9 SE	WS: 7 G:10 SE	WS: 8 G:11 SE	WS: 8 G:11 SE	WS: 8 G:11 SE	WS: 5 G:8 SE	WS: 5 G:8 SE	
Houston Pilots I - Exxon 3	WS: 3 G:6 NE	WS: 2 G:6 ENE	WS: 2 G:4 E	WS: 3 G:4 SSE	WS: 3 G:4 SSE	WS: 6 G:7 SE	WS: 11 G:14 SE	WS: 7 G:9 ESE	WS: 4 G:6 E	WS: 2 G:3 ESE	WS: 2 G:4 ENE	WS: 3 G:6 ENE	WS: 2 G:5 NE	WS: 2 G:5 ENE	WS: 1 G:4 NE	WS: 3 G:5 ENE	WS: 3 G:4 E	WS: 3 G:3 E	WS: 2 G:4 E	WS: 2 G:3 E	WS: 2 G:3 ENE	WS: 2 G:3 ENE	WS: 2 G:3 ENE	WS: 3 G:4 ESE	WS: 3 G:4 ESE	WS: 4 G:5 ESE	WS: 4 G:5 SE	WS: 5 G:7 SE	WS: 6 G:8 SE	WS: 6 G:9 SE	WS: 8 G:10 SE	WS: 8 G:12 SE	WS: 8 G:12 SE	WS: 8 G:11 SE	WS: 5 G:9 SE	WS: 5 G:8 SE	
Houston Pilots H - Morgans Point	WS: 3 G:6 ENE	WS: 3 G:6 ESE	WS: 3 G:5 SE	WS: 4 G:5 SSE	WS: 6 G:6 SSE	WS: 8 G:8 SE	WS: 12 G:15 SE	WS: 8 G:10 SE	WS: 6 G:8 SE	WS: 3 G:4 S	WS: 3 G:3 SSE	WS: 2 G:3 ESE	WS: 1 G:2 E	WS: 2 G:4 SE	WS: 1 G:3 ESE	WS: 4 G:5 ENE	WS: 4 G:5 E	WS: 3 G:4 ESE	WS: 3 G:4 E	WS: 3 G:4 E	WS: 3 G:4 ENE	WS: 3 G:4 ENE	WS: 3 G:4 ENE	WS: 3 G:4 ENE	WS: 3 G:4 E	WS: 4 G:5 ESE	WS: 4 G:5 SE	WS: 5 G:7 SE	WS: 6 G:8 SE	WS: 7 G:9 SE	WS: 8 G:10 SE	WS: 8 G:11 SE	WS: 9 G:12 SE	WS: 9 G:12 SE	WS: 8 G:11 SE	WS: 6 G:9 SSE	WS: 6 G:9 SSE
Houston Pilots G - 75/76	WS: 5 G:7 ENE	WS: 4 G:6 ENE	WS: 3 G:5 ESE	WS: 4 G:4 SSE	WS: 5 G:6 SSE	WS: 8 G:9 SE	WS: 14 G:16 ESE	WS: 10 G:12 SE	WS: 10 G:10 SSE	WS: 6 G:7 S	WS: 5 G:5 SSW	WS: 2 G:2 SSE	WS: 1 G:1 SW	WS: 2 G:3 WSW	WS: 2 G:2 WSW	WS: 5 G:6 ENE	WS: 5 G:6 ESE	WS: 4 G:5 ESE	WS: 4 G:5 ESE	WS: 4 G:5 E	WS: 4 G:5 E	WS: 4 G:5 E	WS: 4 G:5 E	WS: 4 G:5 E	WS: 4 G:5 E	WS: 4 G:5 ESE	WS: 4 G:6 ESE	WS: 5 G:7 SE	WS: 6 G:8 SE	WS: 7 G:9 SE	WS: 8 G:10 SE	WS: 9 G:11 SE	WS: 9 G:12 SE	WS: 8 G:11 SE	WS: 7 G:11 SSE	WS: 7 G:10 SSE	
Houston Pilots F - 63/64	WS: 6 G:8 NE	WS: 4 G:6 NE	WS: 2 G:4 SSE	WS: 3 G:3 S	WS: 4 G:4 SE	WS: 9 G:8 SE	WS: 14 G:16 ESE	WS: 10 G:12 SE	WS: 10 G:10 SSE	WS: 6 G:7 S	WS: 5 G:6 SSW	WS: 2 G:3 S	WS: 1 G:2 W	WS: 3 G:3 WSW	WS: 3 G:3 WSW	WS: 5 G:6 ENE	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 ESE	WS: 4 G:5 ESE	WS: 4 G:5 ESE	WS: 4 G:5 ESE	WS: 4 G:6 ESE	WS: 5 G:7 SE	WS: 6 G:8 SE	WS: 7 G:9 SE	WS: 8 G:10 SE	WS: 9 G:11 SE	WS: 9 G:12 SE	WS: 9 G:12 SE	WS: 8 G:11 SE	WS: 8 G:11 SSE	WS: 8 G:11 SSE	
Houston Pilots E - 51/52	WS: 6 G:9 NE	WS: 4 G:6 ENE	WS: 1 G:4 S	WS: 4 G:4 SSW	WS: 4 G:4 SSE	WS: 8 G:8 SE	WS: 13 G:14 ESE	WS: 10 G:12 SE	WS: 9 G:9 SSE	WS: 6 G:6 SSE	WS: 6 G:4 S	WS: 3 G:4 SW	WS: 2 G:3 WSW	WS: 3 G:3 W	WS: 3 G:3 W	WS: 6 G:7 ENE	WS: 6 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 ESE	WS: 4 G:5 ESE	WS: 4 G:5 ESE	WS: 4 G:5 ESE	WS: 4 G:6 ESE	WS: 5 G:7 SE	WS: 6 G:8 SE	WS: 7 G:9 SE	WS: 8 G:10 SE	WS: 9 G:11 SE	WS: 9 G:12 SE	WS: 9 G:12 SE	WS: 8 G:11 SE	WS: 8 G:11 SSE	WS: 8 G:11 SSE	
Houston Pilots D - 37/38	WS: 7 G:9 NE	WS: 4 G:6 ENE	WS: 2 G:4 SE	WS: 5 G:5 S	WS: 5 G:5 SSE	WS: 7 G:8 SE	WS: 12 G:13 ESE	WS: 10 G:11 SE	WS: 8 G:8 SE	WS: 5 G:5 SSE	WS: 5 G:6 S	WS: 3 G:4 S	WS: 2 G:2 SSW	WS: 3 G:3 W	WS: 3 G:3 W	WS: 6 G:7 ENE	WS: 6 G:7 E	WS: 5 G:6 E	WS: 5 G:6 E	WS: 5 G:6 E	WS: 5 G:6 ESE	WS: 5 G:6 ESE	WS: 5 G:6 ESE	WS: 5 G:6 ESE	WS: 5 G:6 ESE	WS: 5 G:6 ESE	WS: 5 G:6 ESE	WS: 6 G:7 SE	WS: 7 G:9 SE	WS: 8 G:10 SE	WS: 9 G:11 SE	WS: 9 G:11 SE	WS: 9 G:11 SE	WS: 9 G:11 SSE	WS: 8 G:11 SSE	WS: 8 G:11 SSE	
Houston Pilots C - 25/26	WS: 7 G:9 NE	WS: 3 G:7 ENE	WS: 5 G:5 ESE	WS: 5 G:5 SE	WS: 5 G:5 SE	WS: 9 G:9 SE	WS: 11 G:12 ESE	WS: 9 G:10 SE	WS: 7 G:7 SE	WS: 4 G:4 SSE	WS: 4 G:5 SSE	WS: 3 G:3 SW	WS: 1 G:2 SW	WS: 2 G:3 WSW	WS: 3 G:3 WSW	WS: 5 G:6 E	WS: 5 G:6 E	WS: 5 G:6 E	WS: 5 G:6 E	WS: 5 G:6 E	WS: 5 G:6 ESE	WS: 5 G:6 ESE	WS: 5 G:6 ESE	WS: 5 G:6 ESE	WS: 5 G:6 ESE	WS: 5 G:6 ESE	WS: 5 G:6 ESE	WS: 6 G:7 SE	WS: 7 G:9 SE	WS: 8 G:10 SE	WS: 8 G:11 SE	WS: 9 G:11 SE	WS: 9 G:11 SE	WS: 8 G:11 SE	WS: 8 G:11 SE	WS: 8 G:11 SE	
Houston Pilots B - 11/12	WS: 8 G:9 ENE	WS: 8 G:8 E	WS: 7 G:7 E	WS: 6 G:6 ESE	WS: 6 G:6 SSE	WS: 8 G:8 SE	WS: 9 G:10 SE	WS: 8 G:9 SE	WS: 7 G:7 SE	WS: 3 G:3 SSE	WS: 4 G:4 SSE	WS: 4 G:3 SW	WS: 1 G:1 WSW	WS: 2 G:2 WSW	WS: 2 G:3 WSW	WS: 6 G:6 E	WS: 6 G:7 E	WS: 5 G:6 E	WS: 5 G:6 E	WS: 5 G:6 E	WS: 5 G:6 ESE	WS: 5 G:6 ESE	WS: 5 G:6 ESE	WS: 5 G:6 ESE	WS: 5 G:6 ESE	WS: 5 G:6 ESE	WS: 6 G:7 SE	WS: 7 G:8 SE	WS: 8 G:9 SE	WS: 8 G:10 SE	WS: 8 G:10 SE	WS: 9 G:11 SE	WS: 9 G:11 SE	WS: 8 G:11 SE	WS: 8 G:11 SE	WS: 8 G:11 SE	
Houston Pilots A - 1 & 2 Bravo	WS: 10 G:11 ENE	WS: 9 G:10 E	WS: 8 G:8 ESE	WS: 6 G:6 ESE	WS: 6 G:6 SE	WS: 6 G:7 ENE	WS: 6 G:7 ESE	WS: 6 G:6 SE	WS: 5 G:4 SSE	WS: 3 G:4 SSE	WS: 3 G:3 SSE	WS: 2 G:3 S	WS: 1 G:1 SW	WS: 2 G:2 WSW	WS: 1 G:2 WSW	WS: 6 G:7 E	WS: 6 G:8 E	WS: 6 G:8 E	WS: 6 G:8 E	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: 7 G:8 SE	WS: 8 G:9 SE	WS: 8 G:9 SE	WS: 8 G:10 SE	WS: 8 G:10 SE	WS: 9 G:11 SE	WS: 9 G:11 SE	WS: 9 G:11 SE	WS: 9 G:11 SE	

See slides below for official thoughts on winds.

Houston Pilots: Thurs. 9/1/2022

Forecast Discussion

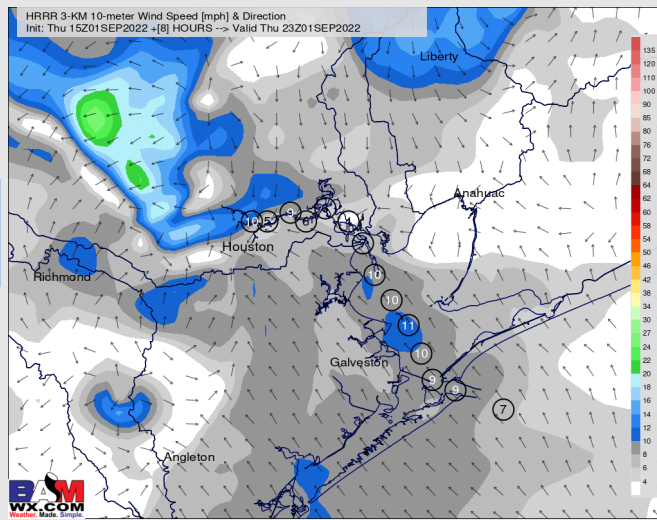
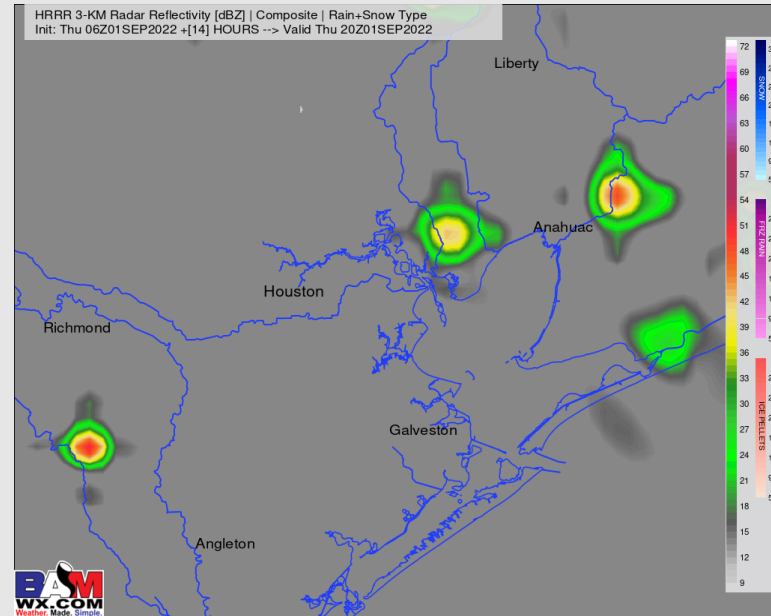
Precip: Scattered shower/storm chances increase to 30% through ~8PM. After 8PM, better coverage for these storms will be north of HOU Metro, leaving mainly dry conditions for our stations. Gusty winds, locally heavy downpours and lightning are all possible under the strongest cells (but we do not favor to be a widespread threat).

Wind: After 3PM, winds come more from the WSE at 5-10 MPH and continue for the rest of the evening at that intensity. Winds turn more out of the SE by 6 PM. Any strong cells could hold gusts of 10-20 MPH. Overnight winds of 3-8 MPH expected with variable direction.

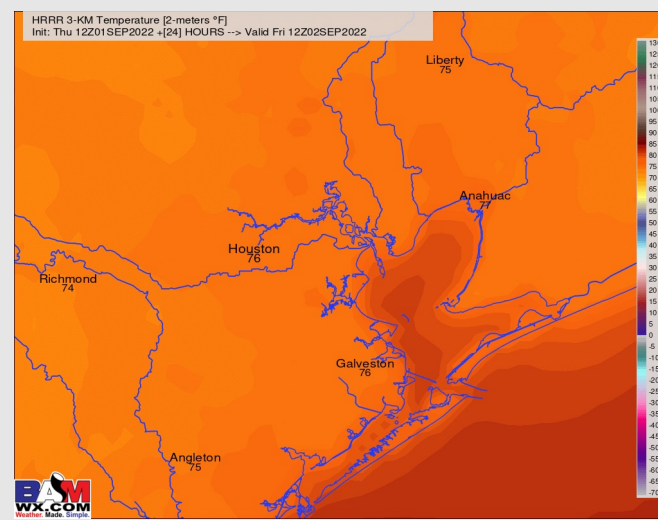
Temps: Mid to upper 70s are favored for most stations as low temps.

Visibility: Not anticipating any fog concerns at this time.

Precip Forecast: 5 PM CT



Wind Speed
7 PM CT



Low Temps
Friday AM

Houston Pilots: Fri. 9/2/2022

Forecast Discussion

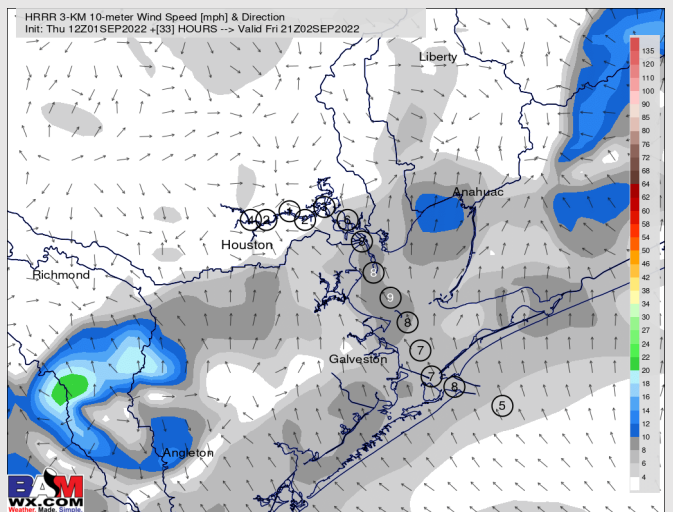
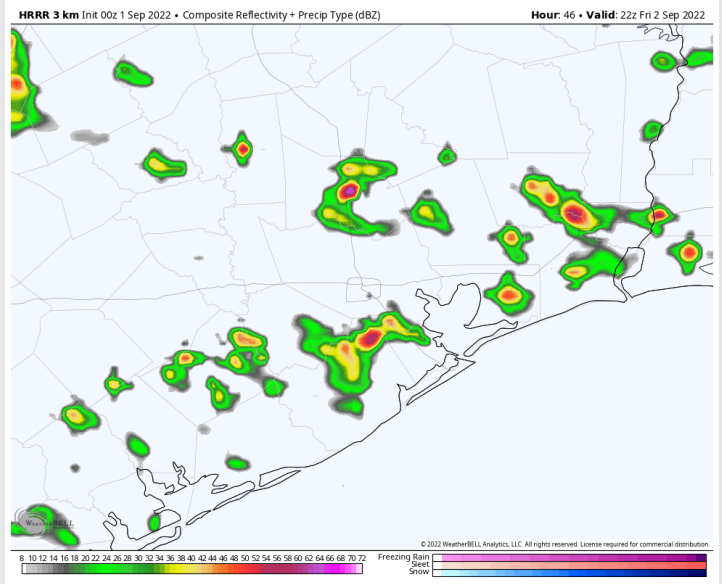
Precip: Expecting drier conditions until 1 PM on Friday. After 1 PM, chances increase to 30% for all stations until 7PM, then decrease back down to 10% for the rest of the evening. Gusty winds, locally heavy downpours and lightning all possible under stronger cells.

Wind: Sustained winds out of the E/ENE 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 gusts of 10-20 MPH will be possible under stronger cells that develop.

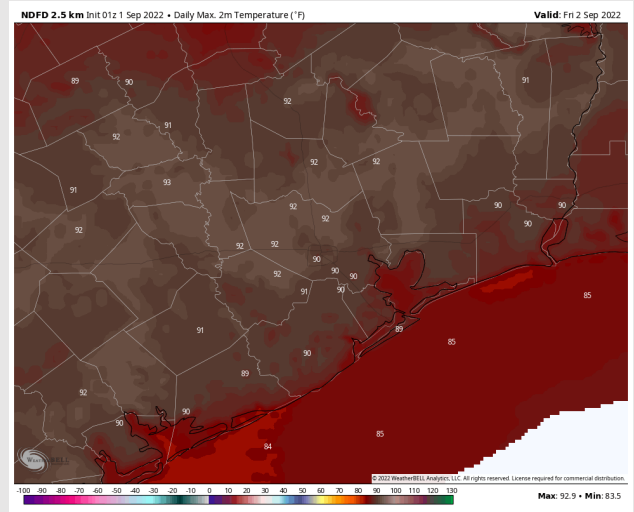
Temps: High temps Friday in the mid 80s F near the boarding station and near 90 F at all other stations.

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

Precip Forecast: 5 PM CT



Wind Speed
5 PM CT



High Temps
Friday

Houston Pilots: sat. 9/3/2022

Forecast Discussion

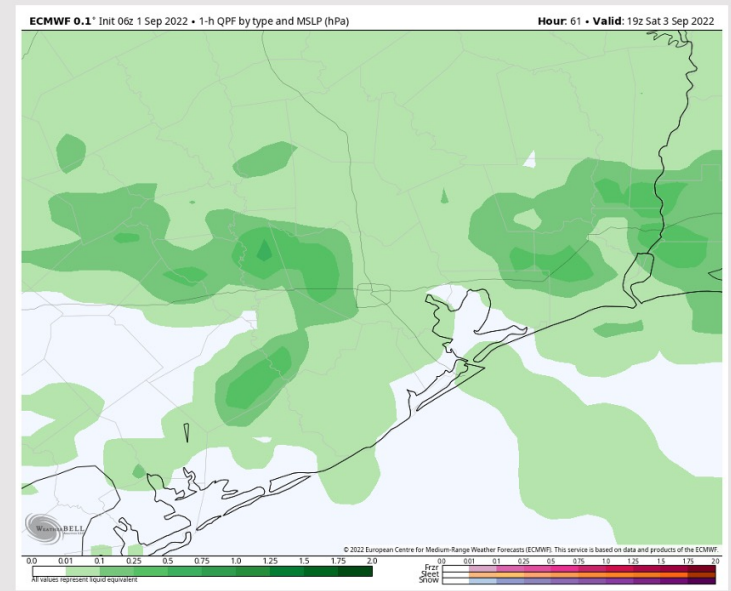
Precip: Anticipating a 70% chance for scattered showers/storms throughout the day Saturday. Heaviest potential likely exists into the afternoon when peak instability can be realized. While severe threat looks limited at this distance, heavy rain/ lightning will be possible.

Wind: Winds will generally be on the lighter side on SAT with winds out of the SE. Sustained winds likely hover around 4 – 10 MPH with gusts to 15 MPH possible. Afternoon should be more out of the south. Under heavier cells that form, some gusts around 20 MPH cannot be ruled out.

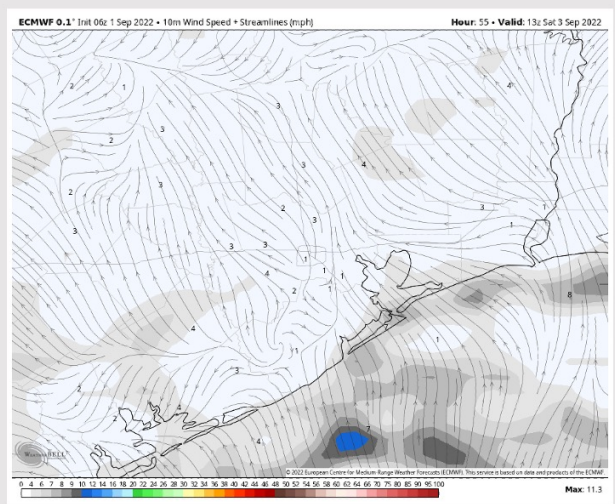
Temps: High temps Saturday in the mid 80s F for all stations.

Visibility: Not anticipating fog concerns for Saturday.

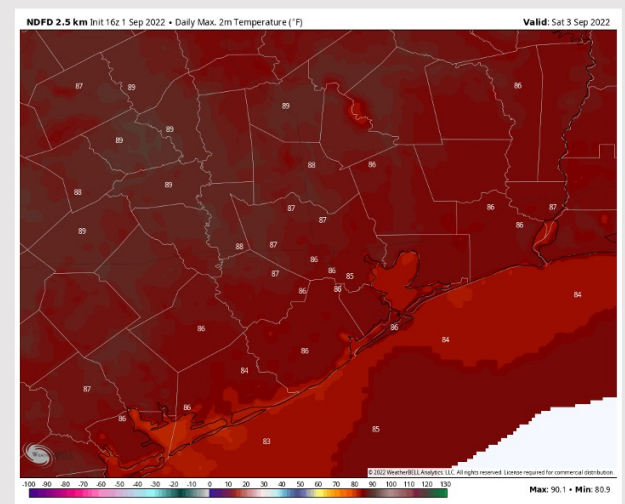
Precip Forecast: 2 PM CT



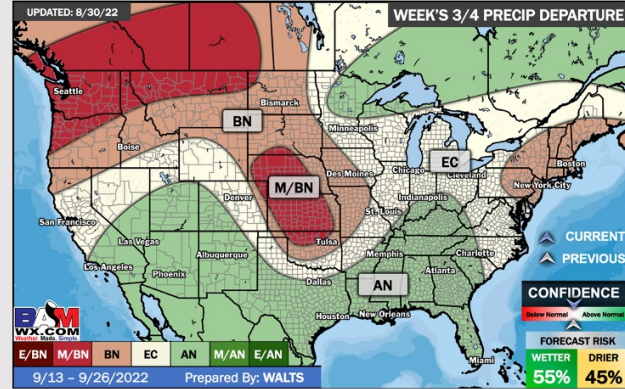
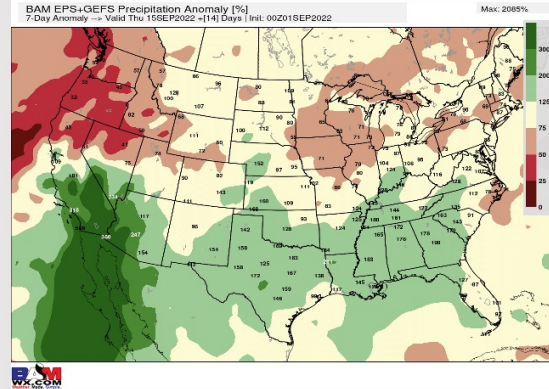
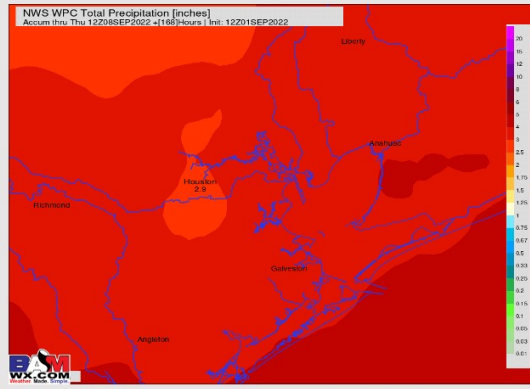
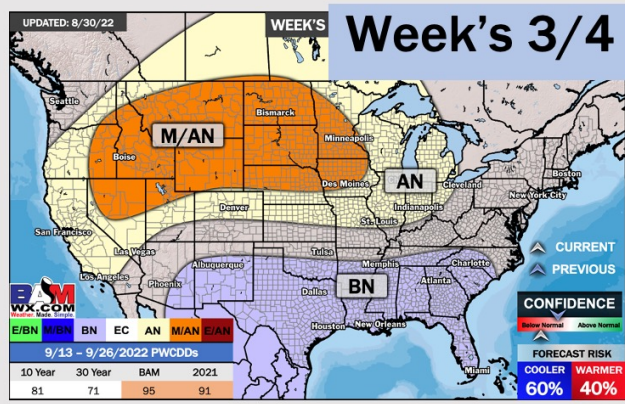
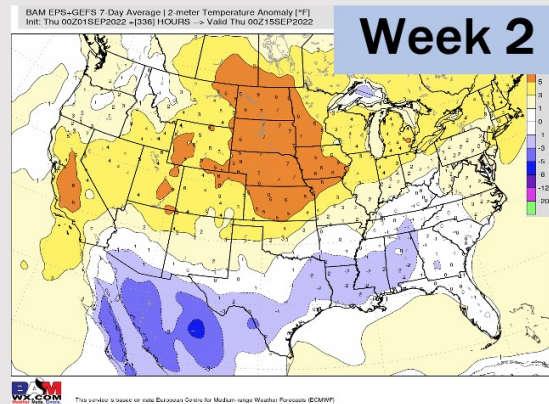
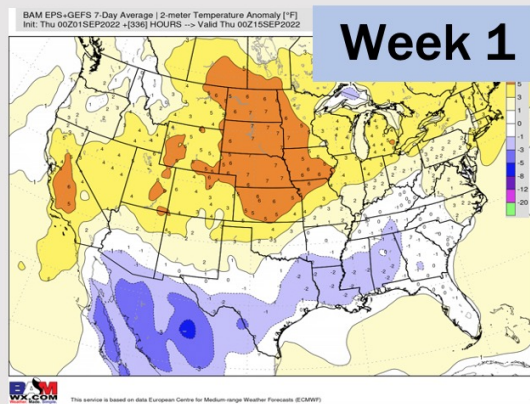
Wind Speed
8 AM CT



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 ¾ timeframe into mid September looks to feature below normal temperatures and above normal risks for precip.