

Houston Pilots Forecast Package

Houston Pilots

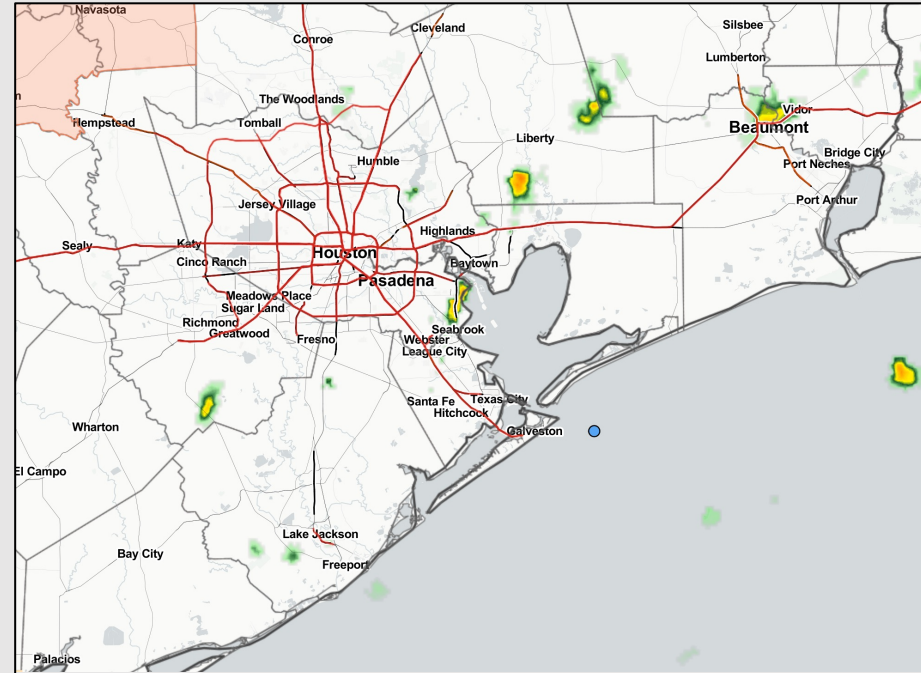
Updated: 2:00 PM CT

Wednesday, August 3, 2022

Forecaster: Alyssa McClung

Weather Headlines

- Isolated, hit and miss showers and thunderstorms will continue to be the theme moving forward through the early weekend. Chances will continue to be 20-30% at best.
- Flow will stay predominately out of the South/ Southwest the next several days.
- Not favoring any tropical threats or fog over the next 7 days.

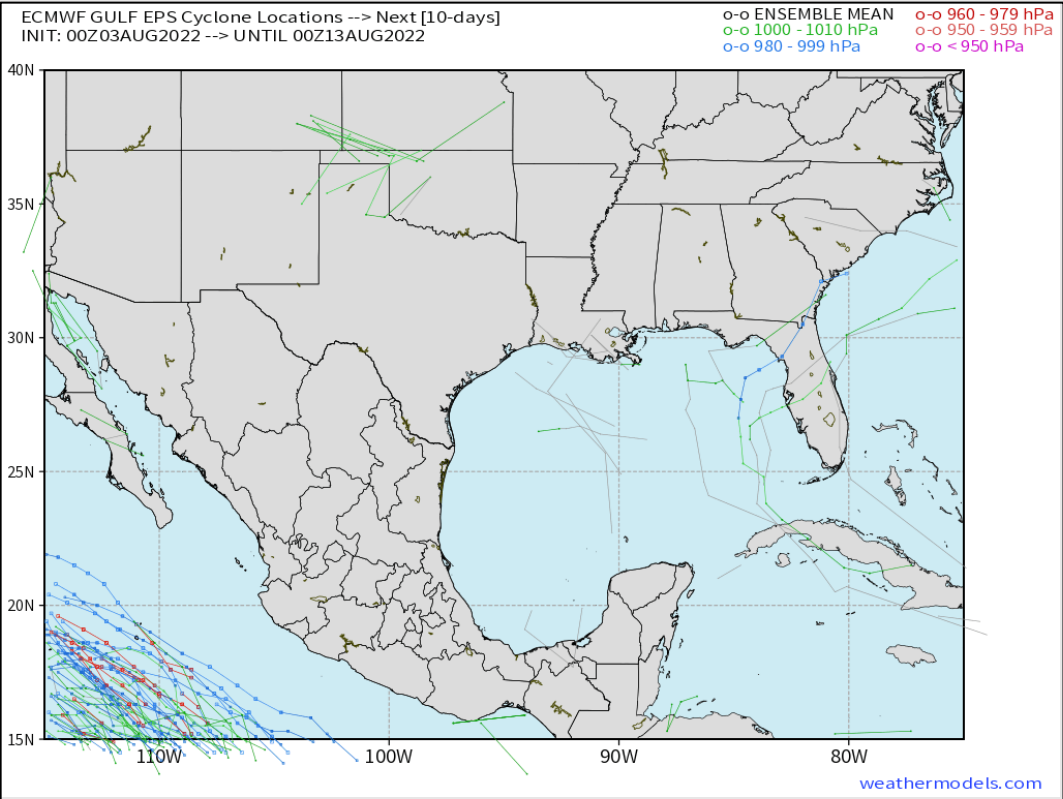


Radar/ NWS Alerts: 2:00 PM CT



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.

Various model tracks next 7 days



Not favoring any impactful tropical threats the next 7 days.

Confidence

Above Normal Below Normal

Houston Pilots Wind Report



Example

Sustained wind 13 MPH

Gusts 18 MPH

Wind from the N

WS: 13

G:18

N

Time	08-03-2022 Wed 12pm	08-03-2022 Wed 1pm	08-03-2022 Wed 2pm	08-03-2022 Wed 3pm	08-03-2022 Wed 4pm	08-03-2022 Wed 5pm	08-03-2022 Wed 6pm	08-03-2022 Wed 7pm	08-03-2022 Wed 8pm	08-03-2022 Wed 9pm	08-03-2022 Wed 10pm	08-03-2022 Wed 11pm	08-04-2022 Thu 12am	08-04-2022 Thu 1am	08-04-2022 Thu 2am	08-04-2022 Thu 3am	08-04-2022 Thu 4am	08-04-2022 Thu 5am	08-04-2022 Thu 6am	08-04-2022 Thu 7am	08-04-2022 Thu 8am	08-04-2022 Thu 9am	08-04-2022 Thu 10am	08-04-2022 Thu 11am	08-04-2022 Thu 12pm	08-04-2022 Thu 1pm	08-04-2022 Thu 2pm	08-04-2022 Thu 3pm	08-04-2022 Thu 4pm	08-04-2022 Thu 5pm	08-04-2022 Thu 6pm	08-04-2022 Thu 7pm	08-04-2022 Thu 8pm	08-04-2022 Thu 9pm	08-04-2022 Thu 10pm	08-04-2022 Thu 11pm			
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Houston Pilots M - Kinder 1	WS: 9 G:13 SSW	WS: 9 G:13 SSW	WS: 10 G:13 S	WS: 10 G:13 S	WS: 12 G:14 S	WS: 15 G:21 SSE	WS: 14 G:20 S	WS: 13 G:20 S	WS: 11 G:19 S	WS: 10 G:20 S	WS: 9 G:20 S	WS: 7 G:21 S	WS: 6 G:18 S	WS: 6 G:18 S	WS: 4 G:12 S	WS: 4 G:9 S	WS: 3 G:7 SSW	WS: 2 G:6 SSW	WS: 2 G:5 SSW	WS: 2 G:5 SSW	WS: 4 G:8 SSW	WS: 7 G:10 SSW	WS: 7 G:10 SSW	WS: 6 G:9 SSW	WS: 6 G:10 SSW	WS: 7 G:12 SSE	WS: 8 G:14 SSE	WS: 10 G:14 SSE	WS: 11 G:16 SSE	WS: 11 G:16 S	WS: 11 G:16 S	WS: 11 G:16 S	WS: 9 G:15 S	WS: 8 G:13 S	WS: 7 G:11 S	WS: 6 G:9 S			
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Houston Pilots E - 51/52	WS: 16 G:17 S	WS: 17 G:19 S	WS: 18 G:20 S	WS: 19 G:21 S	WS: 20 G:22 S	WS: 20 G:22 S	WS: 20 G:23 S	WS: 18 G:21 S	WS: 18 G:21 S	WS: 17 G:21 S	WS: 16 G:21 S	WS: 15 G:21 S	WS: 15 G:19 S	WS: 16 G:19 S	WS: 15 G:18 S	WS: 12 G:16 SSW	WS: 11 G:15 SSW	WS: 10 G:14 SSW	WS: 9 G:13 SSW	WS: 8 G:12 SSW	WS: 8 G:11 SSW	WS: 8 G:10 SSW	WS: 8 G:10 SSW	WS: 8 G:10 SSW	WS: 9 G:11 SSE	WS: 9 G:12 SSE	WS: 11 G:14 SSE	WS: 13 G:16 SSE	WS: 14 G:17 SSE	WS: 14 G:17 SSE	WS: 14 G:16 SSE	WS: 14 G:16 S	WS: 13 G:16 S	WS: 13 G:15 S	WS: 12 G:14 S	WS: 11 G:13 S	WS: 10 G:12 S	WS: 9 G:11 S	
Houston Pilots D - 37/38	WS: 16 G:17 SSW	WS: 18 G:18 S	WS: 18 G:19 S	WS: 19 G:21 S	WS: 19 G:21 S	WS: 19 G:21 S	WS: 20 G:22 S	WS: 17 G:21 S	WS: 17 G:21 S	WS: 16 G:21 S	WS: 15 G:21 S	WS: 15 G:20 S	WS: 15 G:18 S	WS: 16 G:18 S	WS: 15 G:18 S	WS: 13 G:17 SSW	WS: 12 G:16 SSW	WS: 11 G:15 SSW	WS: 10 G:14 SSW	WS: 9 G:13 SSW	WS: 8 G:12 SSW	WS: 8 G:11 SSW	WS: 8 G:10 SSW	WS: 8 G:10 SSW	WS: 9 G:11 SSE	WS: 9 G:12 SSE	WS: 11 G:14 SSE	WS: 13 G:16 SSE	WS: 14 G:17 SSE	WS: 14 G:17 SSE	WS: 14 G:16 SSE	WS: 14 G:16 S	WS: 13 G:16 S	WS: 13 G:15 S	WS: 12 G:14 S	WS: 11 G:13 S	WS: 10 G:12 S	WS: 9 G:11 S	
Houston Pilots C - 25/26	WS: 15 G:17 SSW	WS: 16 G:18 S	WS: 16 G:18 S	WS: 18 G:20 S	WS: 17 G:19 S	WS: 17 G:20 S	WS: 17 G:20 S	WS: 18 G:21 S	WS: 15 G:19 S	WS: 16 G:20 S	WS: 15 G:20 S	WS: 15 G:20 S	WS: 13 G:18 S	WS: 14 G:18 S	WS: 13 G:18 S	WS: 13 G:17 SSW	WS: 12 G:16 SSW	WS: 11 G:15 SSW	WS: 10 G:14 SSW	WS: 9 G:13 SSW	WS: 8 G:12 SSW	WS: 8 G:11 SSW	WS: 8 G:10 SSW	WS: 8 G:10 SSW	WS: 9 G:11 SSE	WS: 9 G:12 SSE	WS: 11 G:14 SSE	WS: 13 G:16 SSE	WS: 14 G:17 SSE	WS: 14 G:17 SSE	WS: 14 G:16 SSE	WS: 14 G:16 S	WS: 13 G:16 S	WS: 13 G:15 S	WS: 12 G:14 S	WS: 11 G:13 S	WS: 10 G:12 S	WS: 9 G:11 S	
Houston Pilots B - 11/12	WS: 15 G:17 SSW	WS: 17 G:18 S	WS: 17 G:18 S	WS: 19 G:21 S	WS: 19 G:21 S	WS: 19 G:21 S	WS: 20 G:22 S	WS: 17 G:21 S	WS: 17 G:21 S	WS: 16 G:21 S	WS: 15 G:21 S	WS: 15 G:20 S	WS: 14 G:18 S	WS: 14 G:18 S	WS: 14 G:17 S	WS: 13 G:16 SSW	WS: 12 G:15 SSW	WS: 11 G:14 SSW	WS: 10 G:13 SSW	WS: 9 G:12 SSW	WS: 8 G:11 SSW	WS: 8 G:10 SSW	WS: 8 G:10 SSW	WS: 9 G:11 SSE	WS: 9 G:12 SSE	WS: 11 G:14 SSE	WS: 13 G:16 SSE	WS: 14 G:17 SSE	WS: 14 G:17 SSE	WS: 14 G:16 SSE	WS: 14 G:16 S	WS: 13 G:16 S	WS: 13 G:15 S	WS: 12 G:14 S	WS: 11 G:13 S	WS: 10 G:12 S	WS: 9 G:11 S		
Houston Pilots A - 1 & 2 Bravo	WS: 15 G:16 SSW	WS: 16 G:17 SSW	WS: 16 G:16 S	WS: 17 G:18 SSW	WS: 16 G:17 S	WS: 17 G:18 S	WS: 18 G:19 S	WS: 17 G:18 S	WS: 16 G:19 S	WS: 15 G:19 S	WS: 14 G:19 S	WS: 14 G:18 S	WS: 16 G:18 S	WS: 15 G:18 S	WS: 14 G:18 S	WS: 13 G:17 SSW	WS: 12 G:16 SSW	WS: 11 G:15 SSW	WS: 10 G:14 SSW	WS: 9 G:13 SSW	WS: 8 G:12 SSW	WS: 8 G:11 SSW	WS: 8 G:10 SSW	WS: 8 G:10 SSW	WS: 9 G:11 SSE	WS: 9 G:12 SSE	WS: 11 G:14 SSE	WS: 13 G:16 SSE	WS: 14 G:17 SSE	WS: 14 G:17 SSE	WS: 14 G:16 SSE	WS: 14 G:16 S	WS: 13 G:16 S	WS: 13 G:15 S	WS: 12 G:14 S	WS: 11 G:13 S	WS: 10 G:12 S	WS: 9 G:11 SSE	

See slides below for official thoughts on winds.

Houston Pilots: Wed. 8/3/2022



Forecast Discussion

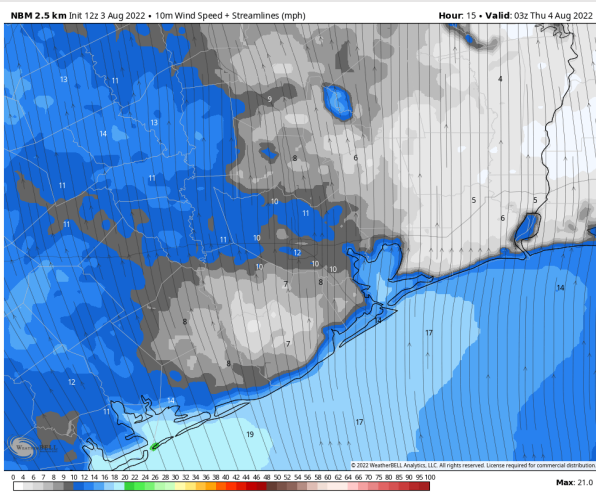
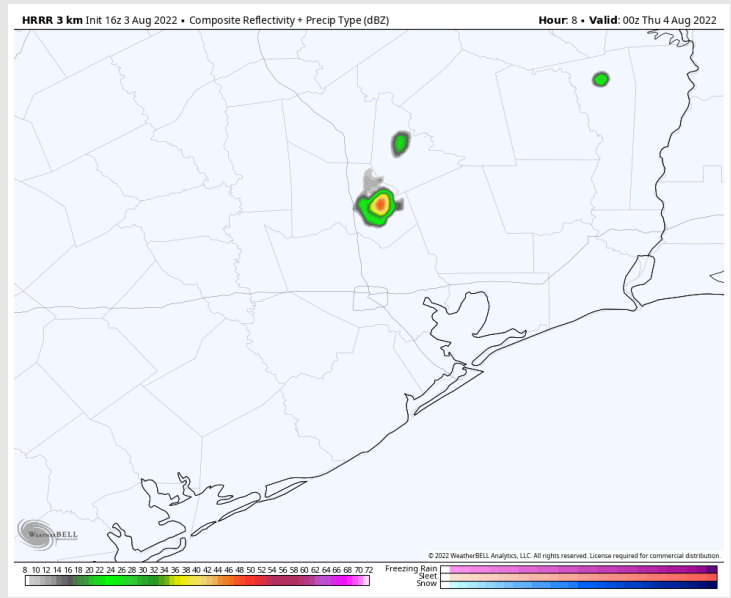
Precip: Favoring mostly dry conditions the rest of the this evening and into the overnight, however a 10-20% chance of a very localized pop-up cell or two cannot be ruled out. Should anything pop, a brief downpour with elevated winds and lightning would be the main concern.

Wind: Sustained winds at the boarding station for much of the day will sit 13-18 MPH with gusts 23 MPH out of the S/SSW until 6PM then winds will veer from the SSE. If caught under an isolated cell, a few gusts 25+ MPH cannot be ruled out. Winds will be slightly calmer for far Northern stations (sustained 8-13, gusting at times 13-18 MPH) into the overnight.

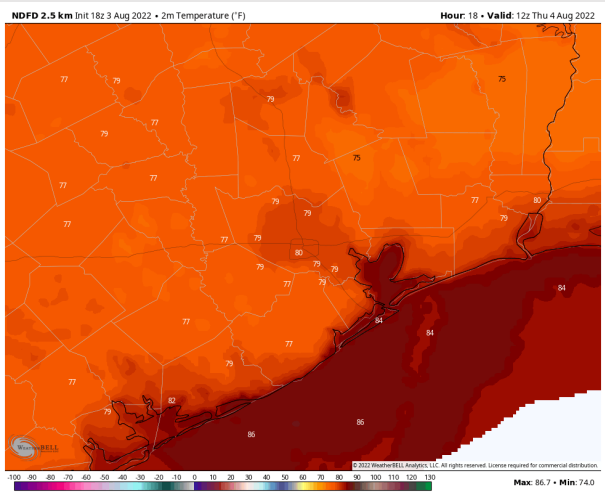
Temps: Low temps Thursday morning in the upper 70s F to low 80s F closer to the boarding station.

Visibility: Not anticipating fog concerns at this time.

Precip Forecast: 7 PM CT



Wind Speed
10 PM CT



Low Temps
THU AM

Houston Pilots: Thur. 8/4/2022



Forecast Discussion

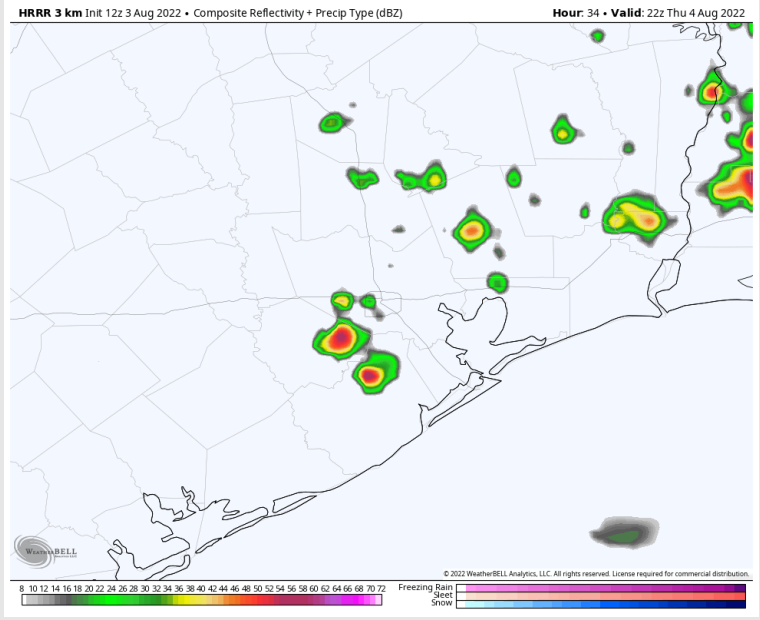
Precip: 10% chance of an Isolated shower will possible during the AM hours through 3PM. Chances then increase some to ~30% as energy overhead increases. The remainder of the afternoon and evening will hold 30-40% chances of scattered bands of showers and a few thunderstorms across the area. Severe threat is expected to stay rather low.

Wind: Sustained winds Thursday morning will be 10-15 MPH out of the SW. Winds slowly decrease after ~10 AM to 8-13 MPH through 4-5 PM, before increasing to 13-18MPH out of the S. An occasional gust of 20-25 MPH can't be ruled out, especially from 7PM into the overnight period.

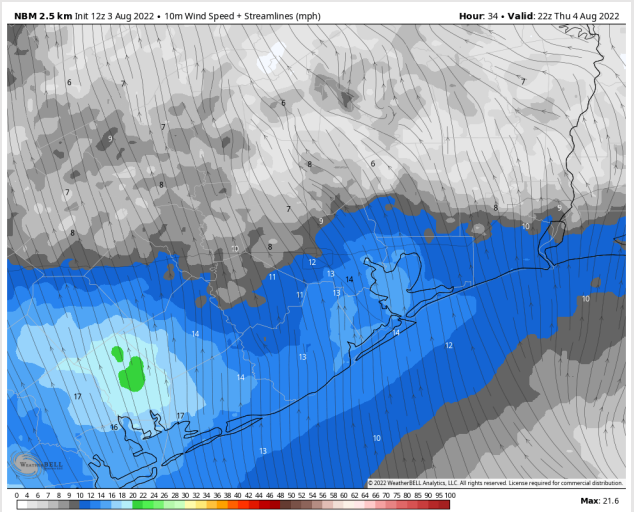
Temps: High temps Thursday in the upper 90s F for most stations. Highs in the upper 80s F near boarding station.

Visibility: No fog is expected into the overnight hours.

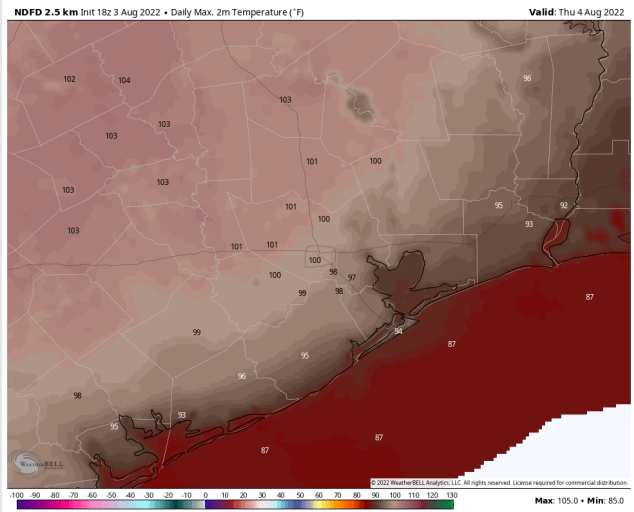
Precip Forecast: 5 PM CT



Wind Speed
5 PM CT



High Temps
THU

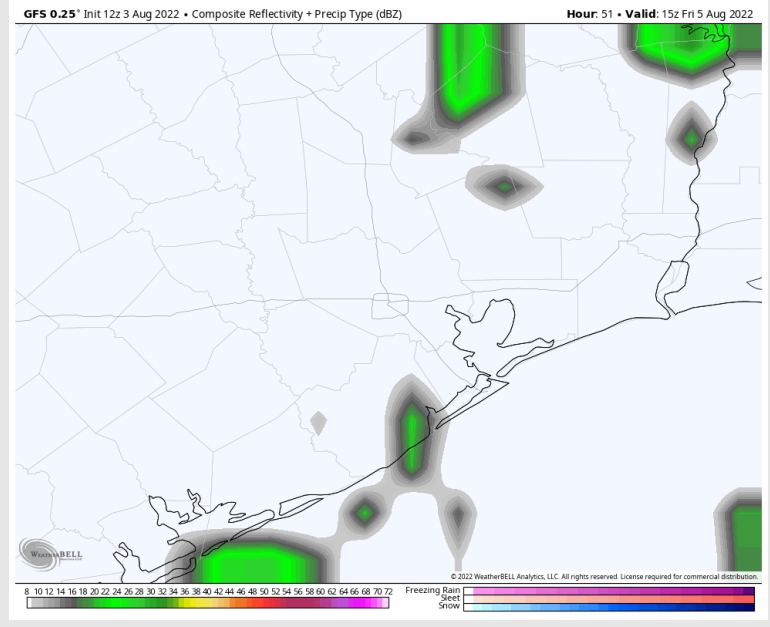


Houston Pilots: Fri. 8/5/2022

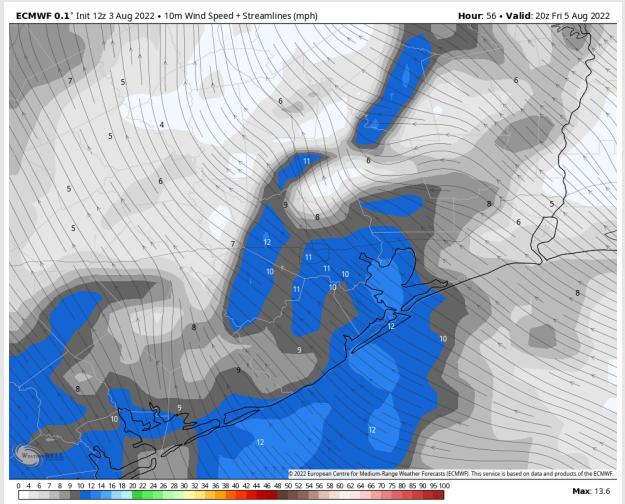
Forecast Discussion

- Precip:** Eyeing 20-30% chances of isolated pop ups from 6AM-CT to 1PM-CT. Light to moderate rainfall will be possible, but not anticipating lightning or strong wind potential at this time with this activity.
- Wind:** Sustained winds of 10-15 MPH will be ongoing for majority of Friday, initially from the south before veering SE by 11AM-CT. An occasional gust of up to 20MPH will be possible, especially during the afternoon hours from 2PM-CT into the evening by 9PM-CT.
- Temps:** Highs in the upper 80s F to low 90s F for majority of locations.
- Visibility:** Not anticipating fog concerns at the time.

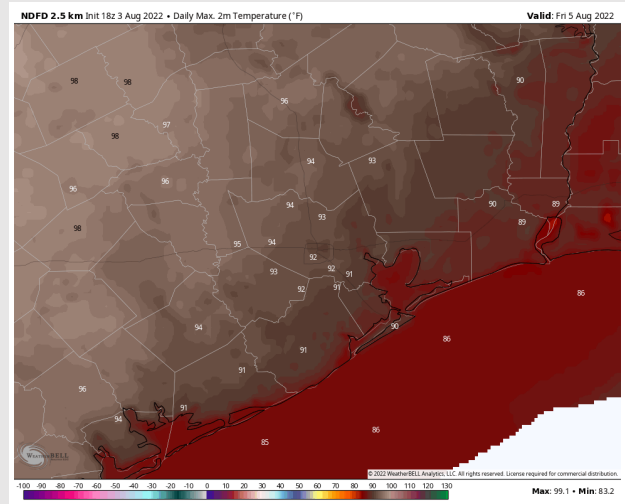
Precip Forecast: 10 AM CT



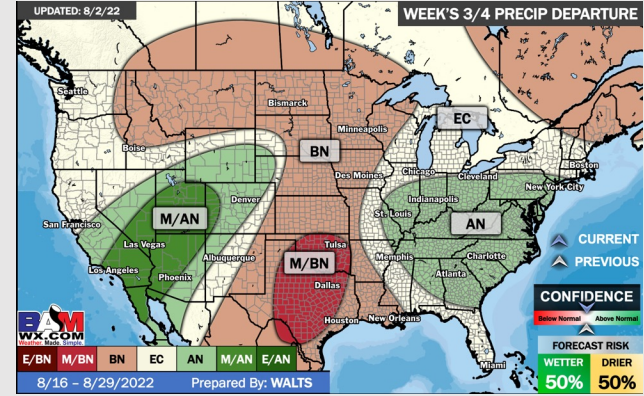
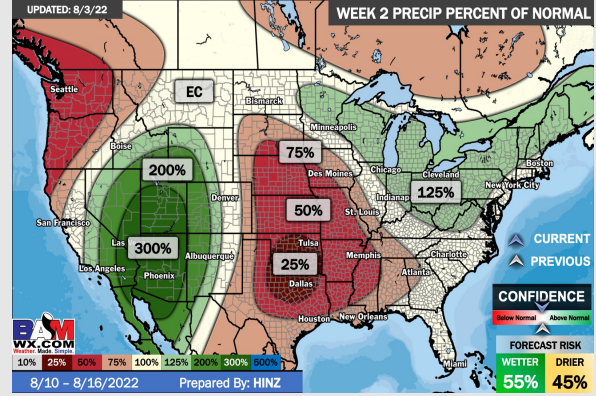
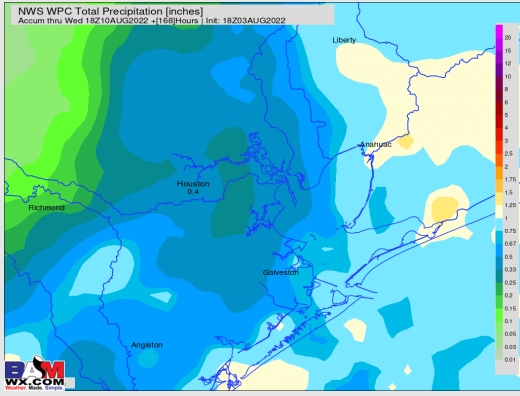
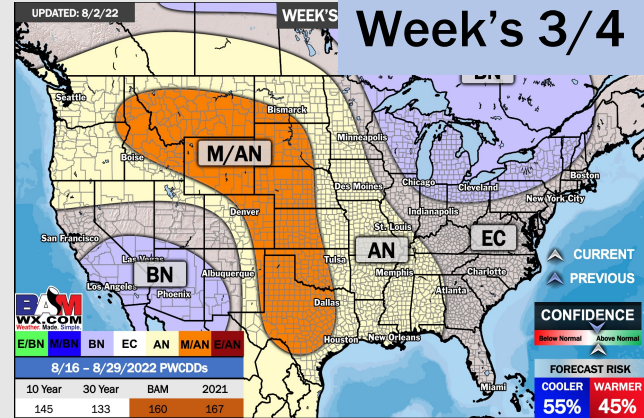
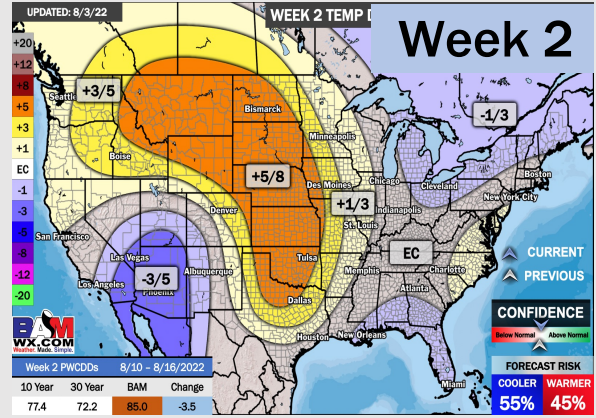
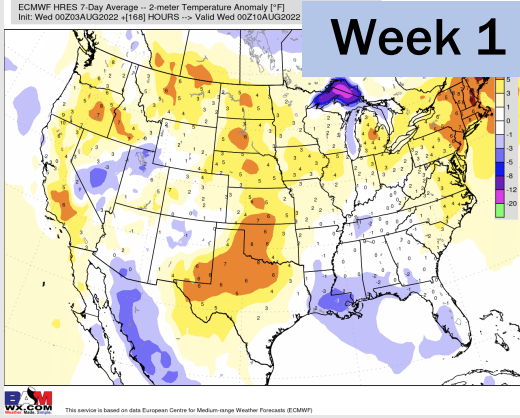
Wind Speed
3 PM CT



High Temps
FRI



Houston Pilots: 8/3/22



- Temperatures expected to be normal this week. Daily, scattered chances for precipitation will be possible over the next few days, but not widespread heavy threats at this time...more frequent precipitation chances look to increase Friday into the weekend.
- Week 2 likely features normal risks for temperatures and below normal precipitation risks.
- The weeks 3/4 timeframe into mid-August looks to feature above normal temperatures and below normal risks for precip.