

Houston Pilots Forecast Package

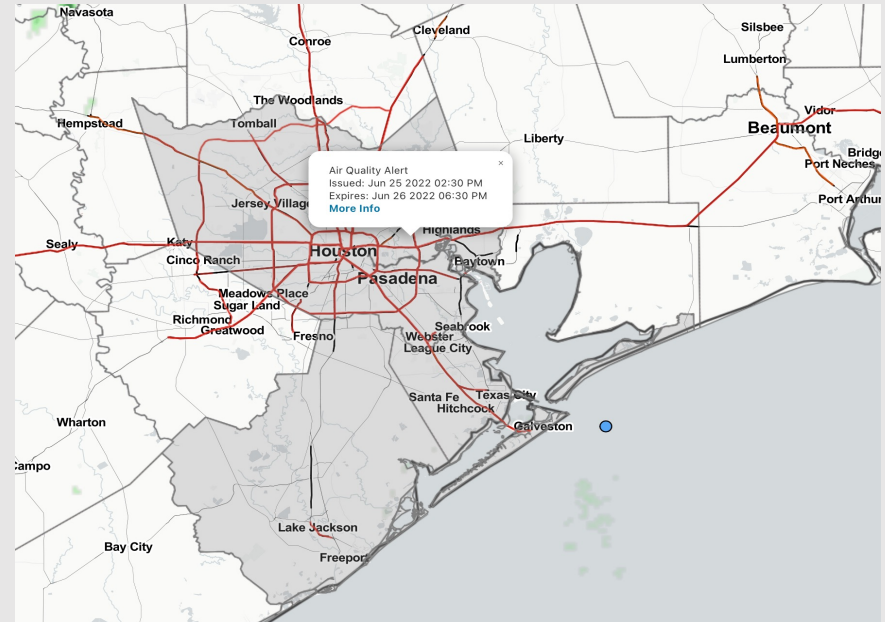


Updated: 1:00 PM CT
Monday, June 27, 2022

Forecaster: Vince Bryan

Weather Headlines

- Scattered chances for showers and thunderstorms are anticipated for the first half of this week associated with a weak tropical disturbance (see slide below).
- The next several days will be much more of an active pattern than what we have seen in recent weeks.
- Latest details on tropical activity on the slides below.



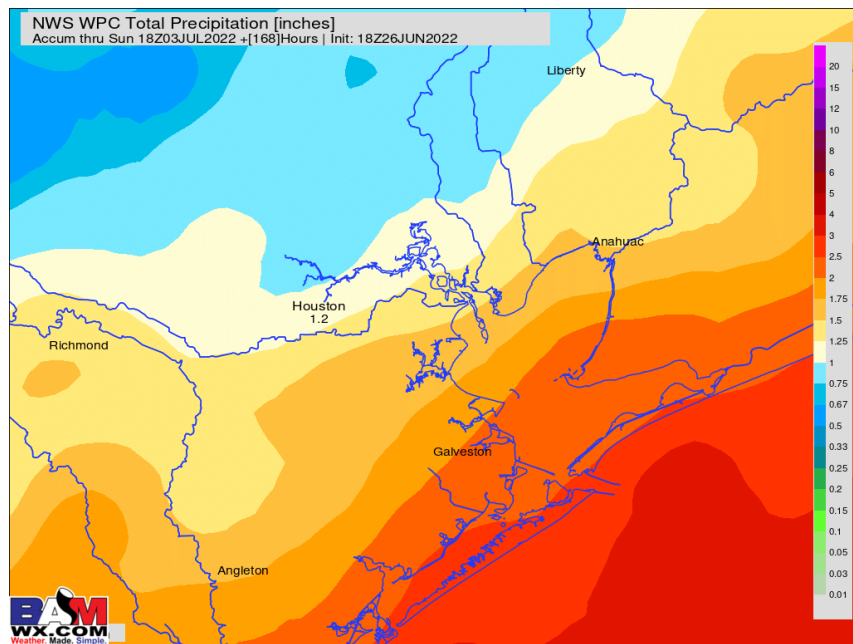
Radar/ NWS Alerts: 1:00 PM CT



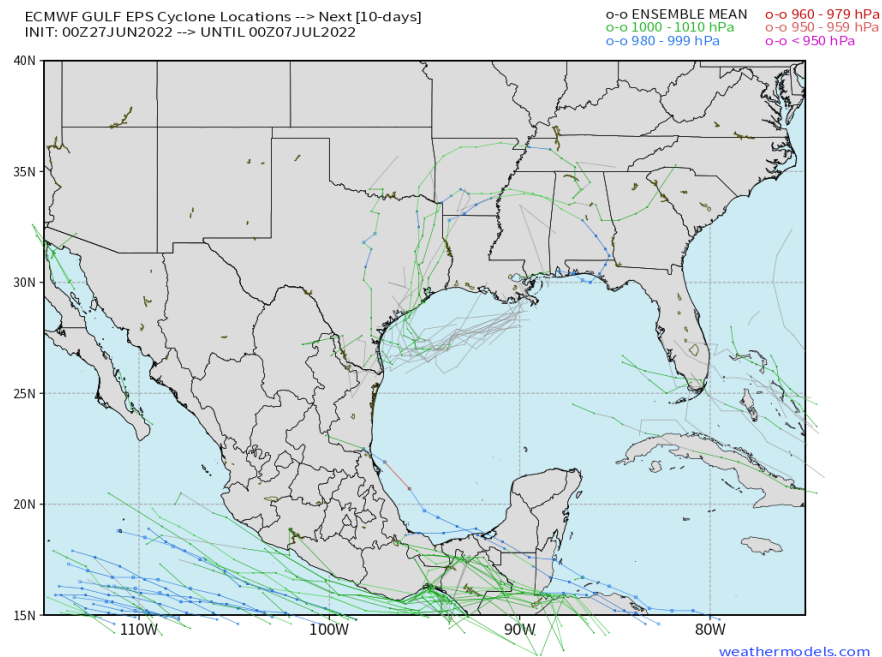
As always, please do not hesitate to reach out to us with any forecast questions via the chat option on the Weather Porthole or our on-call number, **(317)-560-8122** press 1 for forecast questions.

Weak Tropical Disturbance Update

Rainfall Totals The Next 7 Days



Model Data Low Pressure Track



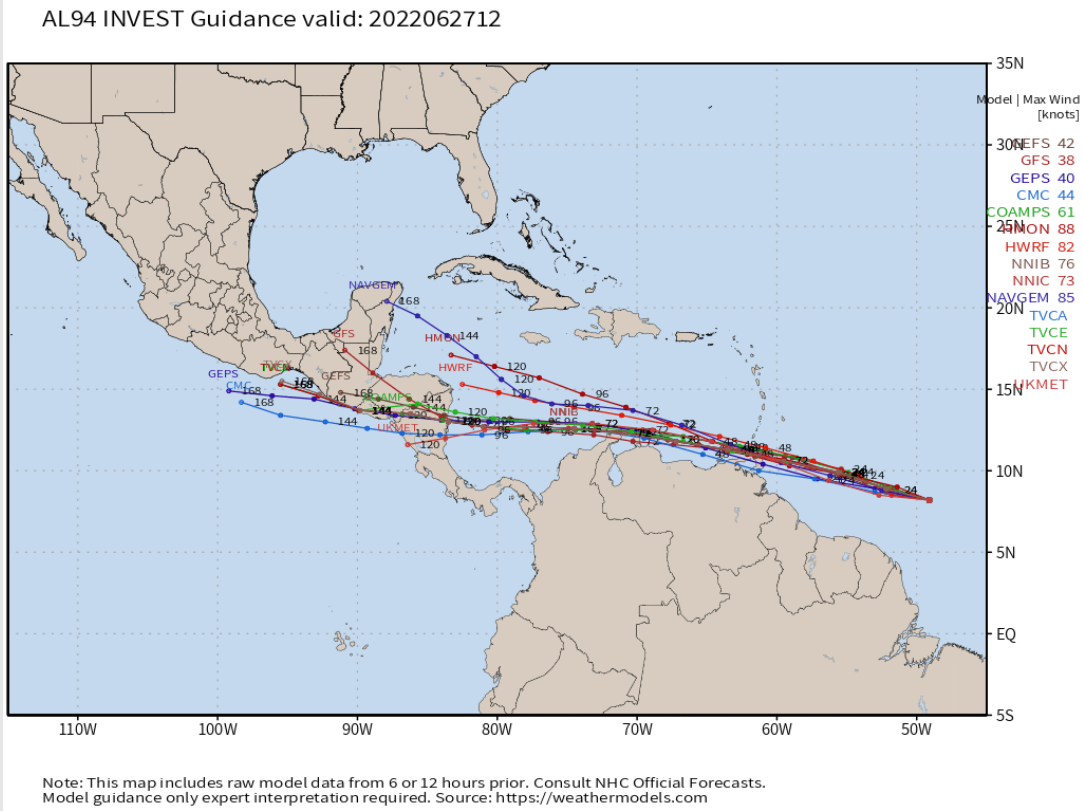
A loosely organized area of lower pressure will continue to stick around the Gulf of Mexico over the next couple of days. Multiple waves of precipitation will continue to be a risk for the Houston / Galveston area, however we are not anticipating this to turn into a tropical system and/ or provide stations with criteria to meet any trigger thresholds. We will continue to watch this closely, however right now elevated winds and rain are the primary risks the next couple days.

Confidence

Above
Normal

Below
Normal

Various model tracks next 7 days



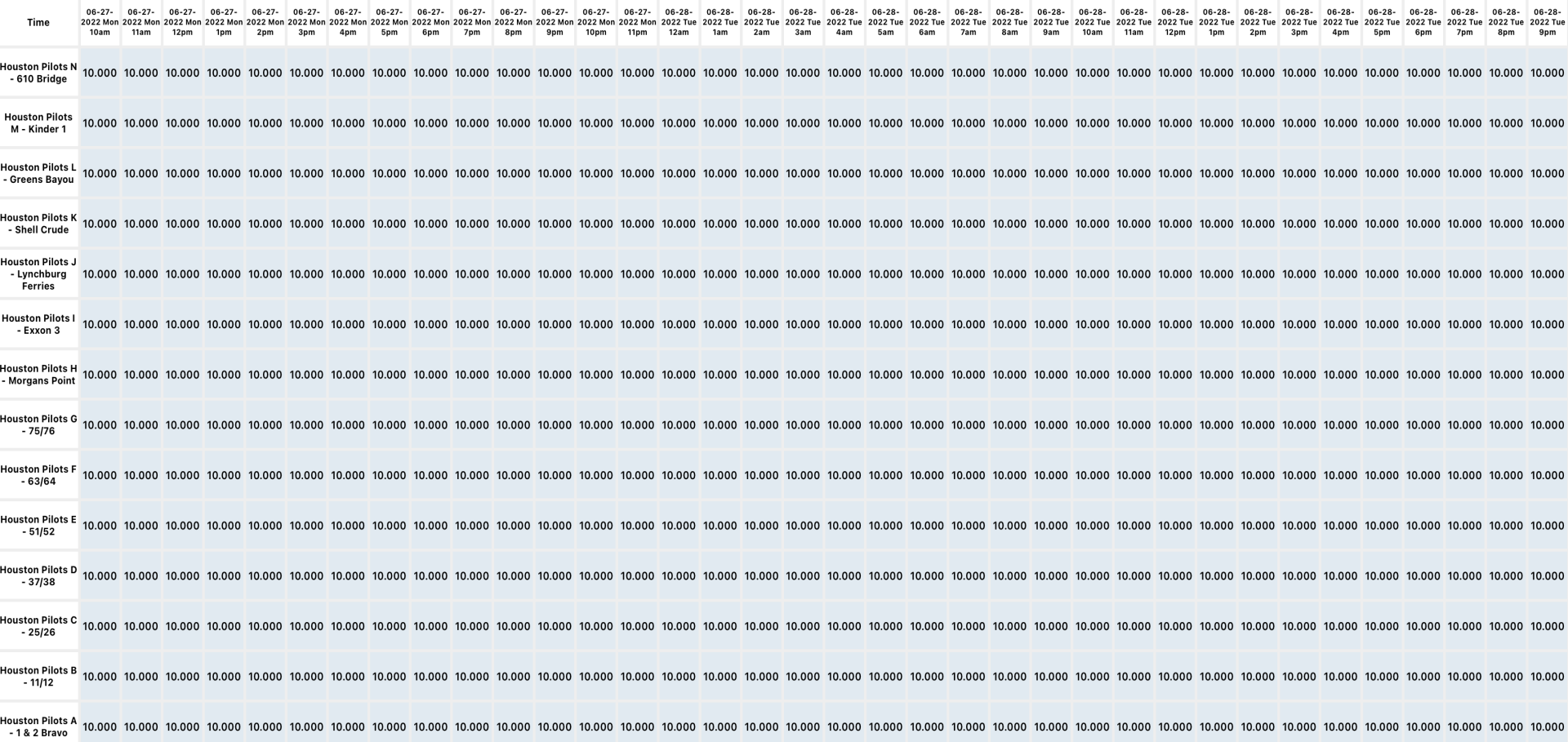
The image above shows various model tracks over the next 7 days for a system expected to move through the S Caribbean. Data is in good agreement that this system will continue to move toward Central America and not be a threat for Houston.

Confidence

Above Normal

Below Normal

The image contains two logos. On the left is the logo for BAM WX.COM, featuring the letters 'BAM' in a stylized font with a black and white swirl, followed by 'WX.COM' in black and 'Weather. Made. Simple.' in blue and red text below it. On the right is the logo for Houston Pilots, featuring a large red 'H' with the text 'Houston Pilots' in white to its right.



Houston Pilots Wind Report



Confidence

Above Normal

Below Normal

Sustained wind 13 MPH

Gusts 18 MPH

Wind from the N

Example

WS: 13

G:18

N

Time	06-27-2022 Mon 10am	06-27-2022 Mon 11am	06-27-2022 Mon 12pm	06-27-2022 Mon 1pm	06-27-2022 Mon 2pm	06-27-2022 Mon 3pm	06-27-2022 Mon 4pm	06-27-2022 Mon 5pm	06-27-2022 Mon 6pm	06-27-2022 Mon 7pm	06-27-2022 Mon 8pm	06-27-2022 Mon 9pm	06-27-2022 Mon 10pm	06-27-2022 Mon 11pm	06-28-2022 Tue 12am	06-28-2022 Tue 1am	06-28-2022 Tue 2am	06-28-2022 Tue 3am	06-28-2022 Tue 4am	06-28-2022 Tue 5am	06-28-2022 Tue 6am	06-28-2022 Tue 7am	06-28-2022 Tue 8am	06-28-2022 Tue 9am	06-28-2022 Tue 10am	06-28-2022 Tue 11am	06-28-2022 Tue 12pm	06-28-2022 Tue 1pm	06-28-2022 Tue 2pm	06-28-2022 Tue 3pm	06-28-2022 Tue 4pm	06-28-2022 Tue 5pm	06-28-2022 Tue 6pm	06-28-2022 Tue 7pm	06-28-2022 Tue 8pm	06-28-2022 Tue 9pm
Houston Pilots N - 610 Bridge	WS: 6 G:8 NNW	WS: 4 G:10 E	WS: 7 G:11 NE	WS: 7 G:10 ENE	WS: 10 G:14 SSE	WS: 11 G:17 SW	WS: 8 G:13 S	WS: 8 G:14 SSE	WS: 6 G:13 S	WS: 5 G:8 S	WS: 2 G:7 SSW	WS: 6 G:11 ESE	WS: 2 G:5 ESE	WS: 2 G:4 W	WS: 2 G:6 WNW	WS: 3 G:5 NNE	WS: 3 G:6 NNE	WS: 4 G:7 NNE	WS: 4 G:8 NNE	WS: 5 G:9 NNE	WS: 5 G:9 NNE	WS: 6 G:9 NNE	WS: 7 G:12 NNE	WS: 9 G:14 NNE	WS: 9 G:13 NE	WS: 9 G:14 NE	WS: 9 G:15 NNE	WS: 9 G:16 NNE	WS: 9 G:16 NNE	WS: 9 G:16 NE	WS: 8 G:16 NE	WS: 9 G:16 NE	WS: 10 G:15 E	WS: 8 G:13 ESE	WS: 7 G:12 ESE	
Houston Pilots M - Kinder 1	WS: 6 G:9 NNW	WS: 4 G:9 NNE	WS: 7 G:11 NE	WS: 7 G:10 ENE	WS: 9 G:12 SE	WS: 11 G:15 SW	WS: 8 G:12 SSW	WS: 9 G:15 SSE	WS: 6 G:14 SSE	WS: 5 G:7 SSW	WS: 2 G:6 SSW	WS: 5 G:10 SE	WS: 2 G:5 ESE	WS: 2 G:4 W	WS: 2 G:5 WNW	WS: 3 G:5 NNE	WS: 3 G:5 NNE	WS: 4 G:6 NNE	WS: 4 G:7 NNE	WS: 5 G:8 NNE	WS: 5 G:9 NNE	WS: 6 G:9 NNE	WS: 8 G:12 NNE	WS: 9 G:13 NNE	WS: 9 G:13 NE	WS: 9 G:14 NE	WS: 9 G:15 NNE	WS: 9 G:16 NNE	WS: 9 G:16 NE	WS: 9 G:16 NE	WS: 9 G:16 NE	WS: 10 G:16 ENE	WS: 10 G:15 E	WS: 8 G:13 ESE	WS: 6 G:12 ESE	
Houston Pilots L - Greens Bayou	WS: 7 G:9 WNW	WS: 5 G:10 NNE	WS: 7 G:11 NE	WS: 6 G:10 ENE	WS: 7 G:11 E	WS: 9 G:13 SSW	WS: 7 G:10 SSW	WS: 9 G:15 SSE	WS: 9 G:17 SE	WS: 5 G:6 SW	WS: 2 G:3 S	WS: 4 G:11 SE	WS: 1 G:5 SE	WS: 2 G:4 W	WS: 2 G:5 WNW	WS: 3 G:5 NE	WS: 3 G:5 NNE	WS: 4 G:6 NNE	WS: 4 G:7 NNE	WS: 5 G:8 NNE	WS: 5 G:9 NNE	WS: 6 G:9 NNE	WS: 7 G:12 NNE	WS: 10 G:13 NNE	WS: 9 G:13 NE	WS: 9 G:14 NE	WS: 9 G:15 NNE	WS: 9 G:16 NNE	WS: 9 G:16 NE	WS: 9 G:16 NE	WS: 9 G:16 NE	WS: 10 G:16 ENE	WS: 10 G:15 E	WS: 8 G:13 ESE	WS: 6 G:12 ESE	
Houston Pilots K - Shell Crude	WS: 7 G:10 NNW	WS: 5 G:9 NE	WS: 7 G:10 NE	WS: 6 G:10 ENE	WS: 8 G:12 ESE	WS: 9 G:13 S	WS: 7 G:10 SW	WS: 9 G:17 SSE	WS: 11 G:22 ESE	WS: 4 G:6 SW	WS: 3 G:4 SSE	WS: 4 G:11 SE	WS: 1 G:6 SSE	WS: 2 G:4 WNW	WS: 2 G:5 WNW	WS: 3 G:6 E	WS: 4 G:6 NNE	WS: 4 G:6 NNE	WS: 5 G:7 NNE	WS: 5 G:9 NNE	WS: 6 G:9 NNE	WS: 6 G:10 NNE	WS: 7 G:12 NNE	WS: 10 G:14 NNE	WS: 9 G:13 NE	WS: 9 G:13 NE	WS: 9 G:14 NNE	WS: 9 G:15 NNE	WS: 9 G:16 NNE	WS: 10 G:16 NE	WS: 10 G:16 NE	WS: 9 G:16 NE	WS: 9 G:16 NE	WS: 10 G:15 E	WS: 8 G:13 ESE	WS: 6 G:11 ESE
Houston Pilots J - Lynchburg Ferries	WS: 7 G:10 NW	WS: 6 G:9 NNE	WS: 7 G:10 NE	WS: 6 G:10 ENE	WS: 7 G:12 ESE	WS: 9 G:12 SSE	WS: 7 G:10 SW	WS: 9 G:17 S	WS: 13 G:21 SE	WS: 5 G:7 SW	WS: 3 G:4 SSE	WS: 3 G:11 SE	WS: 2 G:6 SE	WS: 2 G:4 WNW	WS: 2 G:5 W	WS: 4 G:6 E	WS: 4 G:6 NNE	WS: 5 G:7 NNE	WS: 6 G:9 NNE	WS: 6 G:9 NNE	WS: 7 G:10 NNE	WS: 8 G:12 NNE	WS: 10 G:14 NNE	WS: 10 G:13 NE	WS: 10 G:13 NE	WS: 9 G:14 NNE	WS: 9 G:15 NNE	WS: 10 G:16 NE	WS: 10 G:16 NE	WS: 10 G:16 NE	WS: 10 G:16 NE	WS: 10 G:15 ENE	WS: 10 G:15 E	WS: 10 G:15 E	WS: 7 G:11 ESE	
Houston Pilots I - Exxon 3	WS: 8 G:10 SW	WS: 6 G:8 NNE	WS: 6 G:10 NE	WS: 7 G:10 E	WS: 8 G:12 SE	WS: 9 G:12 SSE	WS: 8 G:12 SW	WS: 11 G:18 S	WS: 11 G:17 SSE	WS: 5 G:9 SSW	WS: 4 G:8 SSE	WS: 3 G:8 ESE	WS: 2 G:7 SE	WS: 3 G:5 WNW	WS: 2 G:5 WNW	WS: 5 G:7 SE	WS: 5 G:7 NNE	WS: 5 G:8 NNE	WS: 6 G:9 NNE	WS: 6 G:10 NNE	WS: 7 G:11 NNE	WS: 7 G:11 NNE	WS: 8 G:13 NNE	WS: 10 G:14 NNE	WS: 10 G:13 NE	WS: 10 G:13 NE	WS: 9 G:14 NNE	WS: 10 G:16 NNE	WS: 10 G:16 NE	WS: 10 G:16 NE	WS: 10 G:15 ENE	WS: 11 G:15 E	WS: 10 G:15 E	WS: 8 G:13 ESE	WS: 7 G:11 ESE	
Houston Pilots H - Morgans Point	WS: 8 G:11 SW	WS: 5 G:8 NNE	WS: 7 G:10 ENE	WS: 8 G:11 SE	WS: 9 G:12 SE	WS: 10 G:13 SSW	WS: 10 G:13 SSW	WS: 12 G:16 SSE	WS: 9 G:12 SSE	WS: 7 G:11 SSW	WS: 4 G:9 S	WS: 4 G:8 ESE	WS: 3 G:6 SSE	WS: 4 G:6 WSW	WS: 3 G:5 WNW	WS: 6 G:9 NNE	WS: 6 G:9 NNE	WS: 7 G:10 NNE	WS: 7 G:11 NNE	WS: 8 G:12 NNE	WS: 8 G:13 NNE	WS: 9 G:13 NNE	WS: 10 G:14 NNE	WS: 10 G:15 NE	WS: 10 G:14 NE	WS: 10 G:14 NE	WS: 10 G:15 NE	WS: 10 G:16 NE	WS: 10 G:16 NE	WS: 10 G:16 NE	WS: 10 G:15 ENE	WS: 11 G:15 E	WS: 11 G:15 E	WS: 10 G:15 ESE	WS: 9 G:13 ESE	
Houston Pilots G - 75/76	WS: 6 G:11 SW	WS: 7 G:10 NNE	WS: 9 G:12 ESE	WS: 8 G:11 SE	WS: 10 G:12 SSE	WS: 11 G:12 SSE	WS: 12 G:13 SSW	WS: 12 G:13 WSW	WS: 15 G:17 SSE	WS: 10 G:12 S	WS: 6 G:8 S	WS: 8 G:9 SE	WS: 5 G:6 S	WS: 5 G:5 WSW	WS: 3 G:4 WSW	WS: 8 G:11 NE	WS: 7 G:11 NNE	WS: 8 G:12 NNE	WS: 10 G:14 NNE	WS: 10 G:15 NNE	WS: 11 G:15 NNE	WS: 11 G:15 NNE	WS: 12 G:16 NE	WS: 12 G:16 NE	WS: 11 G:15 NE	WS: 10 G:15 NE	WS: 10 G:15 ENE	WS: 10 G:15 ENE	WS: 10 G:15 ENE	WS: 10 G:15 E	WS: 11 G:15 E	WS: 11 G:15 E	WS: 11 G:16 ESE	WS: 9 G:14 ESE		
Houston Pilots F - 63/64	WS: 6 G:11 NW	WS: 8 G:12 NNE	WS: 8 G:12 ENE	WS: 8 G:9 S	WS: 10 G:12 SE	WS: 11 G:12 SSE	WS: 11 G:11 S	WS: 9 G:11 WSW	WS: 17 G:18 SSE	WS: 9 G:10 SSW	WS: 7 G:8 SSE	WS: 8 G:9 SE	WS: 4 G:5 SSW	WS: 4 G:4 WSW	WS: 3 G:3 WSW	WS: 9 G:13 NNE	WS: 8 G:12 NE	WS: 10 G:14 NNE	WS: 11 G:15 NNE	WS: 12 G:16 NE	WS: 12 G:16 NE	WS: 13 G:16 NE	WS: 13 G:16 NE	WS: 13 G:16 NE	WS: 13 G:16 NE	WS: 12 G:16 NE	WS: 11 G:15 NE	WS: 11 G:15 NE	WS: 11 G:15 NE	WS: 10 G:15 ENE	WS: 10 G:15 ENE	WS: 11 G:15 E	WS: 11 G:15 E	WS: 11 G:16 ESE	WS: 9 G:14 ESE	
Houston Pilots E - 51/52	WS: 9 G:13 NW	WS: 9 G:13 ENE	WS: 7 G:10 NNE	WS: 4 G:8 S	WS: 9 G:11 SE	WS: 10 G:11 SSE	WS: 10 G:10 S	WS: 6 G:8 SSW	WS: 14 G:14 SSW	WS: 7 G:8 SW	WS: 9 G:9 SSE	WS: 7 G:9 SSE	WS: 3 G:4 SSW	WS: 3 G:3 W	WS: 2 G:2 WSW	WS: 9 G:13 NNE	WS: 9 G:13 NE	WS: 11 G:14 NE	WS: 12 G:16 NE	WS: 12 G:16 NE	WS: 13 G:16 NE	WS: 13 G:17 NE	WS: 13 G:17 NE	WS: 14 G:17 NE	WS: 14 G:17 NE	WS: 13 G:16 NNE	WS: 12 G:16 NNE	WS: 11 G:15 NNE	WS: 11 G:15 NE	WS: 11 G:15 NE	WS: 10 G:14 ENE	WS: 10 G:15 E	WS: 11 G:15 E	WS: 11 G:15 E	WS: 9 G:14 SE	
Houston Pilots D - 37/38	WS: 11 G:13 NNW	WS: 9 G:13 W	WS: 5 G:9 NNE	WS: 6 G:8 SE	WS: 7 G:9 SE	WS: 8 G:9 SSE	WS: 9 G:9 S	WS: 8 G:9 S	WS: 12 G:13 WSW	WS: 8 G:8 WSW	WS: 8 G:8 ESE	WS: 6 G:8 SSE	WS: 3 G:4 SSW	WS: 3 G:3 WSW	WS: 3 G:3 WSW	WS: 9 G:12 NE	WS: 10 G:13 NE	WS: 11 G:15 NE	WS: 12 G:16 NE	WS: 13 G:16 NE	WS: 13 G:16 NE	WS: 13 G:17 NE	WS: 14 G:17 NE	WS: 14 G:17 NE	WS: 13 G:16 NNE	WS: 12 G:16 NNE	WS: 11 G:15 NNE	WS: 11 G:15 NE	WS: 11 G:15 NE	WS: 11 G:15 ENE	WS: 11 G:14 E	WS: 11 G:14 ESE	WS: 11 G:14 ESE	WS: 10 G:14 ESE		
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Houston Pilots B - 11/12	WS: 10 G:12 NW	WS: 8 G:10 NNW	WS: 8 G:9 E	WS: 8 G:8 ESE	WS: 6 G:7 SE	WS: 9 G:9 SSE	WS: 8 G:8 S	WS: 11 G:12 SSW	WS: 12 G:13 W	WS: 9 G:8 SW	WS: 4 G:5 ESE	WS: 4 G:6 SSE	WS: 3 G:4 S	WS: 3 G:3 WSW	WS: 3 G:3 WSW	WS: 10 G:13 NE	WS: 10 G:14 NE	WS: 12 G:16 NE	WS: 13 G:16 NE	WS: 13 G:16 NE	WS: 14 G:17 NE	WS: 14 G:17 NE	WS: 14 G:18 NE	WS: 14 G:18 NE	WS: 13 G:16 NE	WS: 12 G:15 NE	WS: 11 G:14 NE	WS: 11 G:15 ENE	WS: 11 G:14 ENE	WS: 11 G:14 ESE	WS: 11 G:14 ESE	WS: 11 G:14 ESE	WS: 10 G:14 ESE	WS: 10 G:14 ESE		
Houston Pilots A - 1 & 2 Bravo	WS: 11 G:13 NNW	WS: 6 G:8 ESE	WS: 11 G:11 E	WS: 8 G:8 ESE	WS: 6 G:6 SE	WS: 8 G:8 SSE	WS: 8 G:8 S	WS: 13 G:13 SSW	WS: 13 G:13 SW	WS: 9 G:9 SW	WS: 6 G:6 ESE	WS: 7 G:7 SSE	WS: 3 G:5 S	WS: 2 G:3 SW	WS: 2 G:3 SW	WS: 12 G:16 ENE	WS: 13 G:16 NE	WS: 14 G:16 NE	WS: 15 G:17 NE	WS: 15 G:18 NE	WS: 15 G:18 NE	WS: 15 G:18 NE	WS: 15 G:18 NE	WS: 15 G:17 NE	WS: 15 G:17 NE	WS: 14 G:16 NE	WS: 13 G:15 NE	WS: 12 G:15 ENE	WS: 11 G:14 E	WS: 12 G:13 E	WS: 12 G:14 ESE	WS: 12 G:14 ESE	WS: 12 G:15 ESE	WS: 12 G:16 ESE		

See slides below for official thoughts on winds.

Houston Pilots: Mon. 6/27/2022

Forecast Discussion

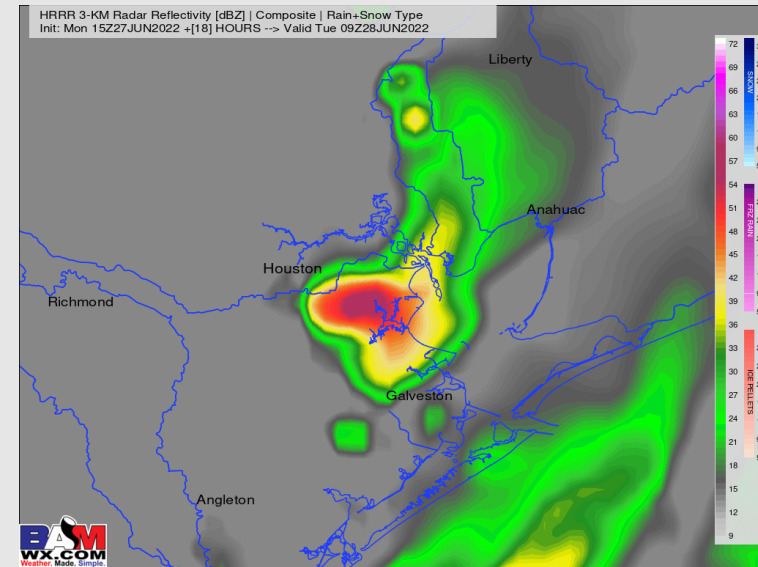
Precip: Most activity is expected to stay offshore this afternoon before chances begin to pick up into the evening hours. Around 6-7 PM is when ~40% chances for scattered showers/ thunderstorms will be introduced and will increase to 60-70% for the overnight timeframe. Gusty winds under the strongest storms would be the primary concern along with reduced visibility from heavy precip.

Wind: Winds will turn more southerly by 4-5 PM at 8-13 MPH with gusts 13-18 MPH for the remainder of the evening. Under any strong storm, gusts of 25-35+ MPH would certainly be possible, however this is not favored to be widespread.

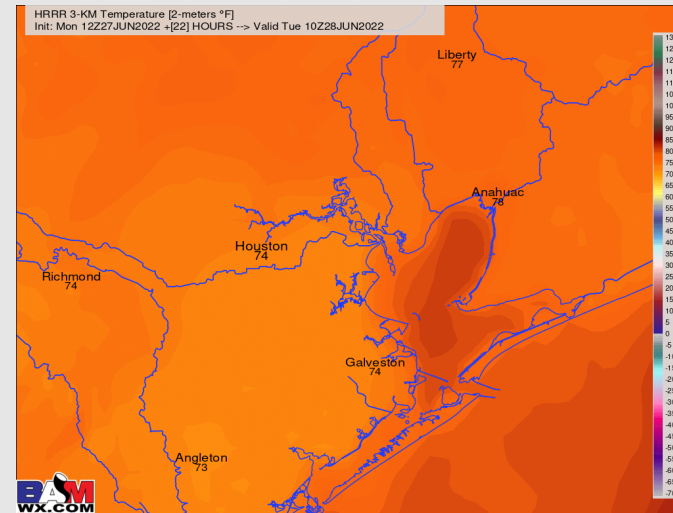
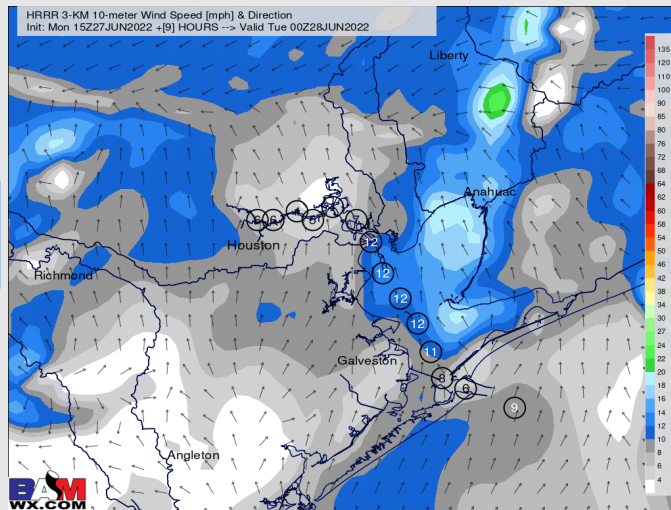
Temps: Lows drop back into the mid to upper 70s.

Visibility: Not anticipating any fog concerns at this time, but heavy rains could limit visibility.

Precip Forecast: 3 AM CT TUE



Wind Speed 8 PM CT



Low Temps Tuesday AM

Houston Pilots: Tue. 6/28/2022

Forecast Discussion

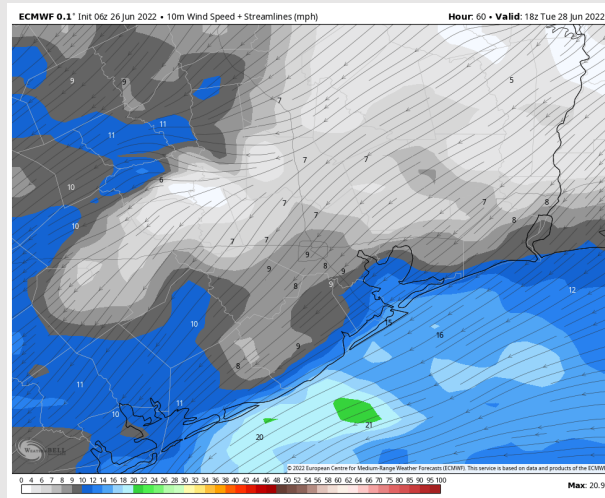
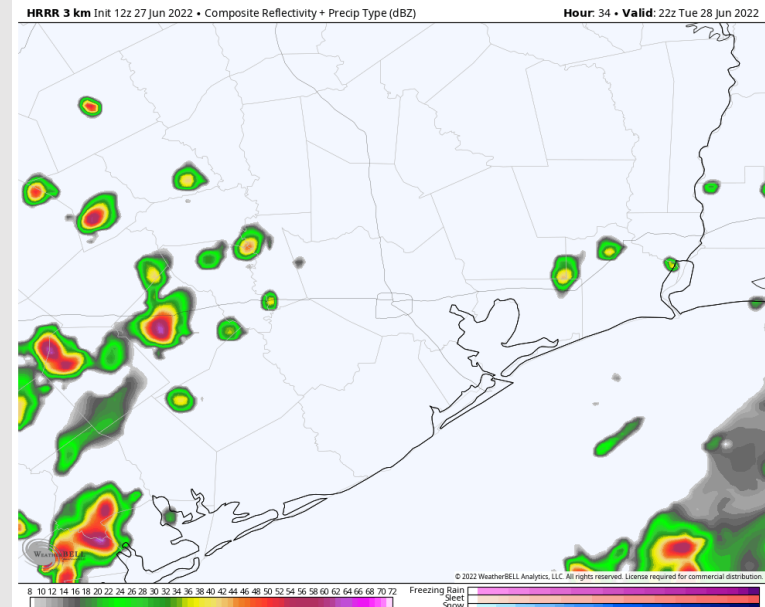
Precip: Latest data has trended a good bit drier on Tuesday keeping the majority of the rainfall further east in the Gulf. While some low end ~20% chances exist after sunrise, the best opportunities for 30-40% chances of scattered showers/thunderstorms will come beyond the 3 PM timeframe. Expecting coverage to stay rather hit and miss with better precip staying offshore.

Wind: Sustained winds on TUE look to be slightly elevated towards the boarding station around 13 – 18 MPH. Gusts of 20 – 25 MPH possible. Winds will start out from the NE that transitions to more of a southerly wind in the late afternoon hours.

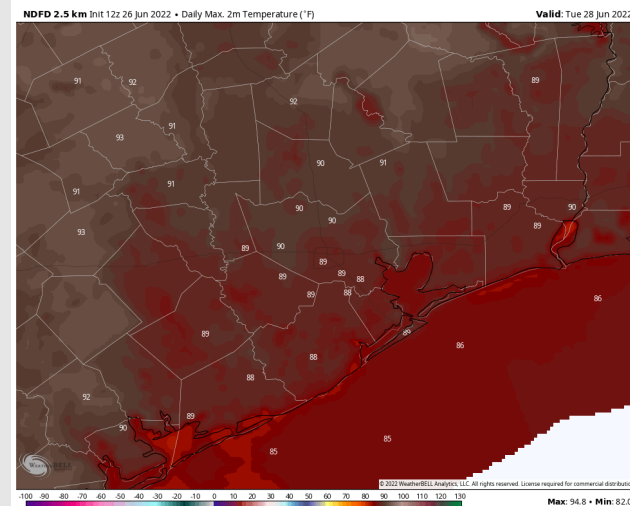
Temps: Highs on Tuesday reach the mid to upper 80s F.

Visibility: No fog conditions expected.

Precip Forecast: 4 PM CT



Wind Speeds
9 PM CT



High Temps
Tuesday

Houston Pilots: Wed. 6/29/2022

Forecast Discussion

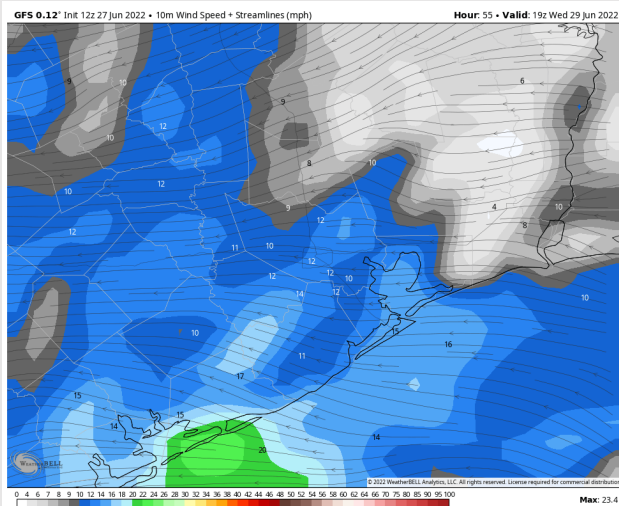
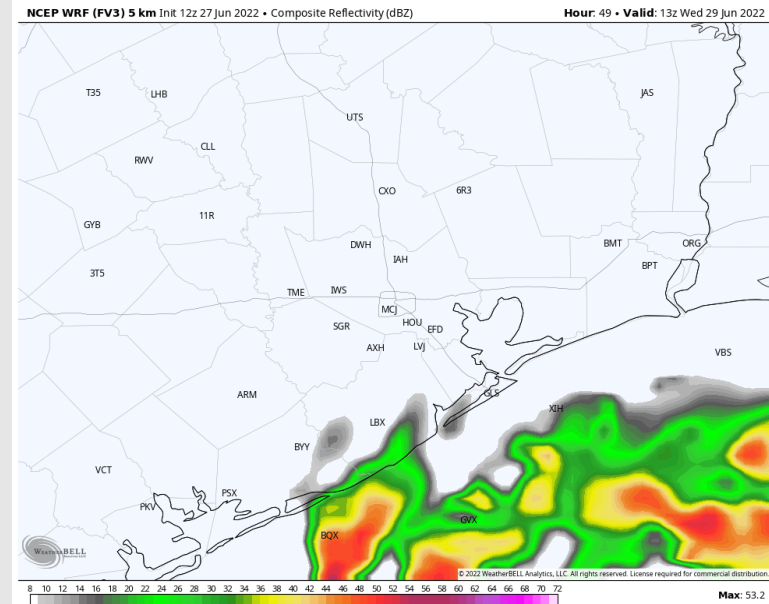
Precip: Low confidence continues to exist on specifics for Wednesday regarding how far onshore the precip from the tropical system will work into the forecast. Currently favoring a solution that holds most of the precip offshore, however this will need to be refined as we get a bit closer.

Wind: Winds look to be 10-15 MPH sustained out of the ENE into the AM and early afternoon hours of Wednesday with a few gusts to 20 MPH possible. After 2-3PM, winds look to be sustained out of the SE at 10-15 MPH sustained.

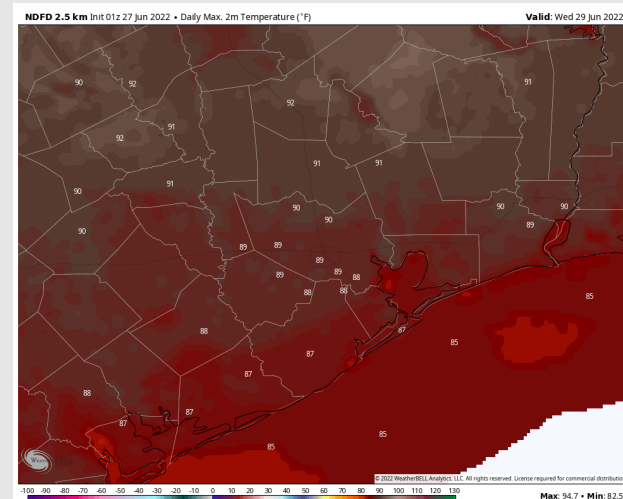
Temps: Highs on Wednesday likely reach the upper 80s F for most stations.

Visibility: Not anticipating fog at this time for our stations.

Precip Forecast: 2 PM CT



Wind Speed:
12 AM CT

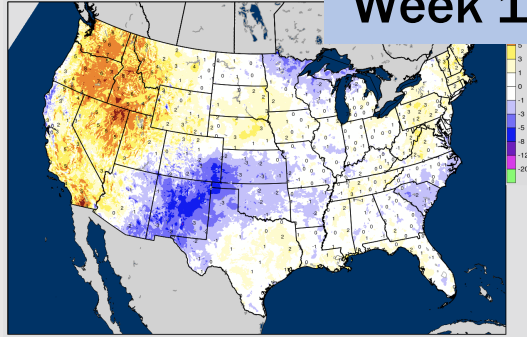


High Temps
Wed

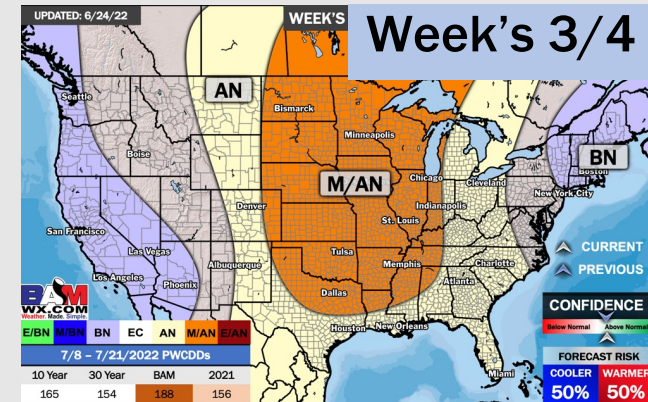
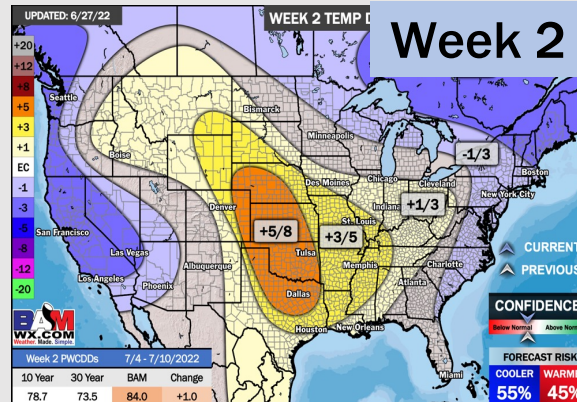
Houston Pilots: 6/23/2022

BAMCast Average Temperature Anomaly (°F)
7-DAY AVG for Sun 26JUN2022 thru Sat 02JUL2022 Days 1 to 7

Week 1

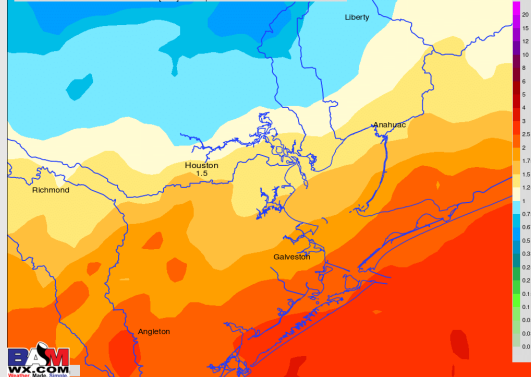


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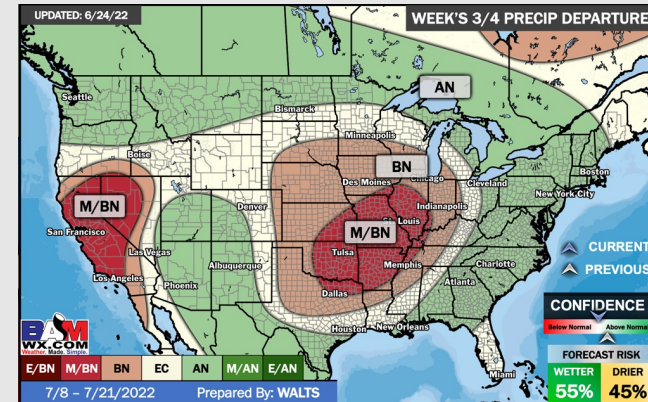
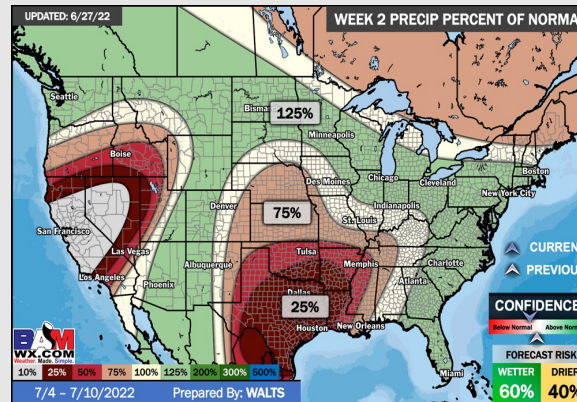


NWS WPC Total Precipitation (inches)

Accum thru Mon 1820-4JUL2022 ±(168)Hours | Init: 18227JUN2022



BAM
WX.COM



- Multiple shots of precipitation will be possible this week for a much more active pattern vs the last few weeks. This will also help keep temperatures to be not as hot as well.
- Week 2 likely features above normal risks for temperatures and below normal precipitation risks.
- The weeks 3/4 timeframe into July looks to feature above normal temperatures and near normal risks for precip.