

Updated: 5:20 AM CT, Monday, September 6, 2021

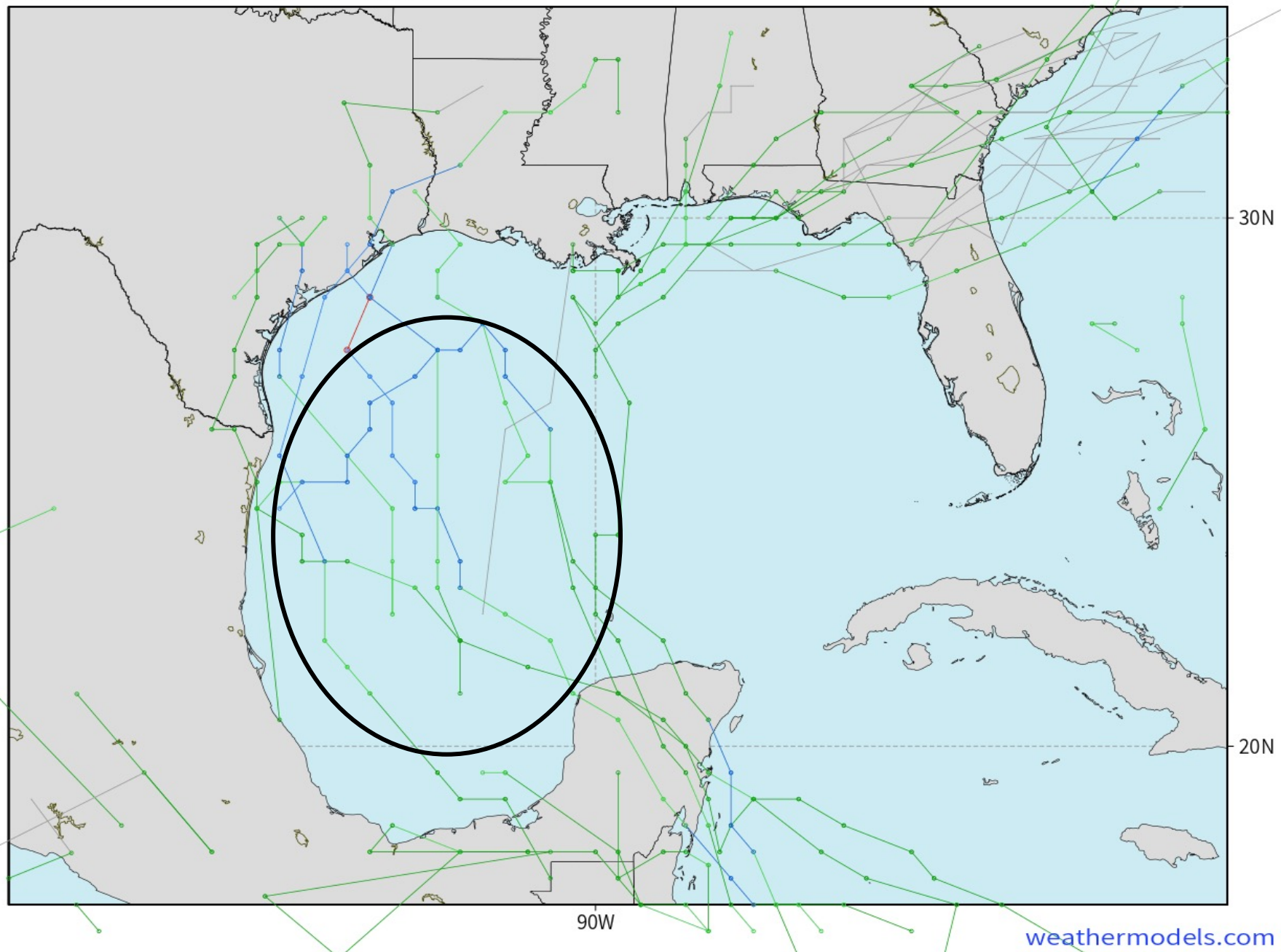
- **As always, please do not hesitate to reach out to us with any forecast questions via the chat option on the Weather Porthole or our on-call number, **(317)-560-8122** press 1 for forecast questions.**

Tropical Update:

American Ensemble Tracks

NCEP GEFSv12 Ensemble Cyclones +240 Hours
INIT: 00Z06SEP2021 --> UNTIL 00Z16SEP2021

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



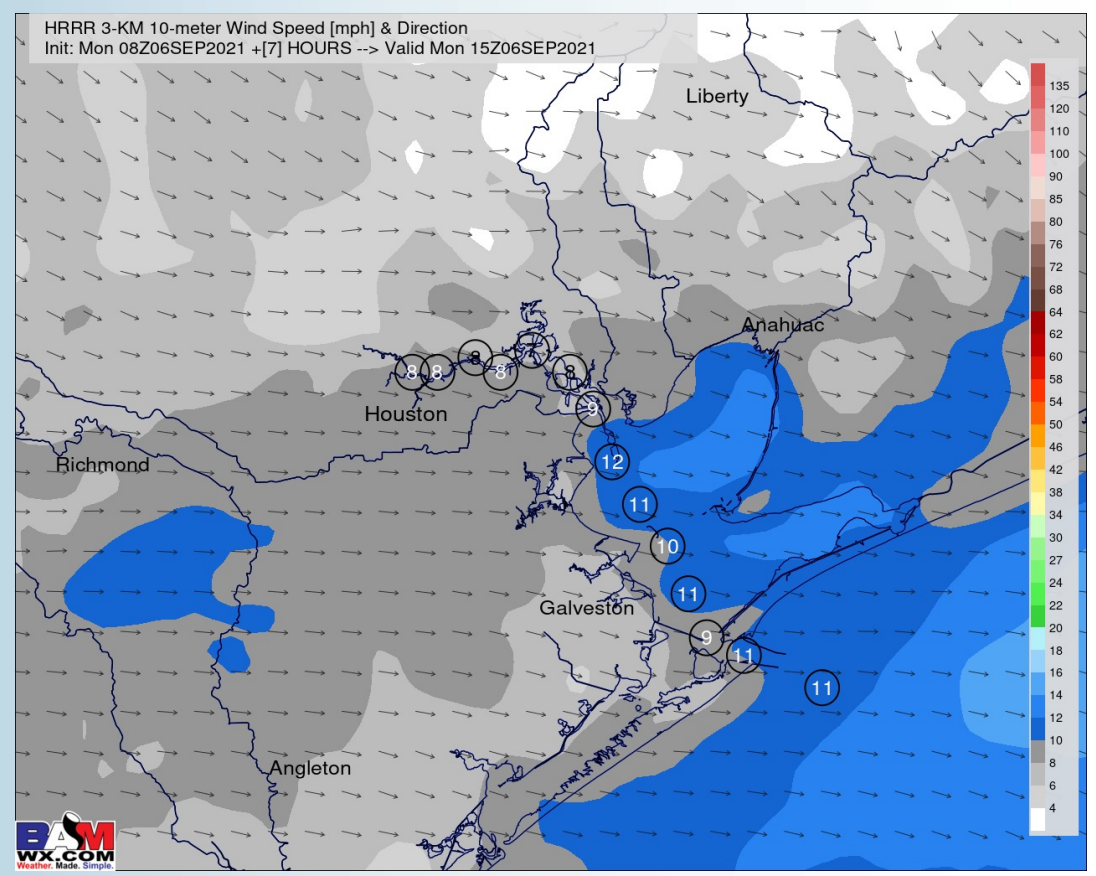
As mentioned in recent reports, not expecting tropical impacts this week ahead for HOU.

Continuing to eye the 13 – 16th period of this month for our next potential tropical development in the western Gulf. Far more questions than answers still at this distance, but the tropics likely stay active heading into mid-to-late September.

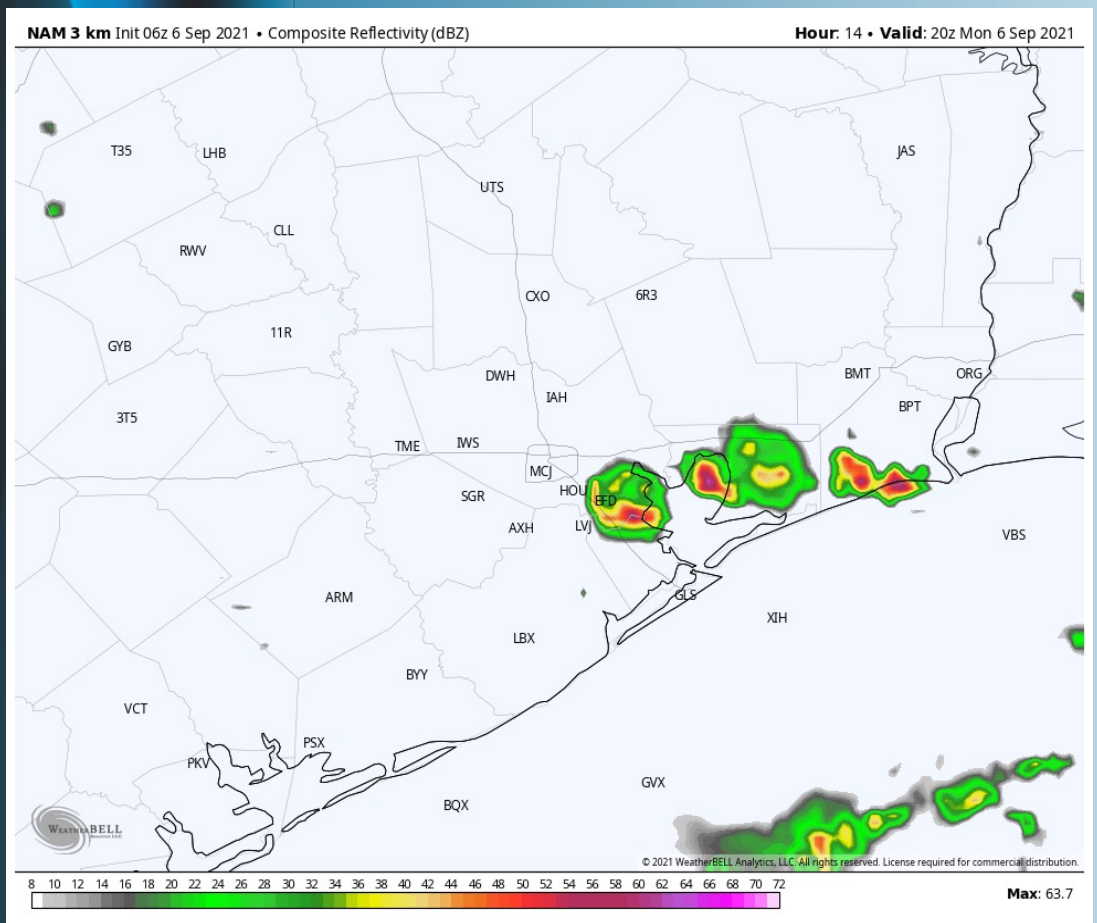
Short-Term Forecast Discussion

- **Scattered showers and thunderstorms will have the better coverage closer to the HOU metro through mid-morning vs the Boarding Station, although some isolated activity remains possible. After what looks like a break in precip late morning to early afternoon, another chance will be possible closer towards the Boarding Station mid to late afternoon through early evening. A locally heavy downpour with lightning and briefly gusty winds will be possible in this risk.**
- **Winds this morning look to initially be out of the WSW before switching more from the North late in the AM into the early PM hours as a frontal boundary moves through. Late afternoon into the evening, winds are expected to reestablish from the South. Sustained wind speeds look to be in the 5 – 15 MPH range.**
 - **Highs today look to be in the low to mid 90s.**
 - ***No fog anticipated for today into tonight.***

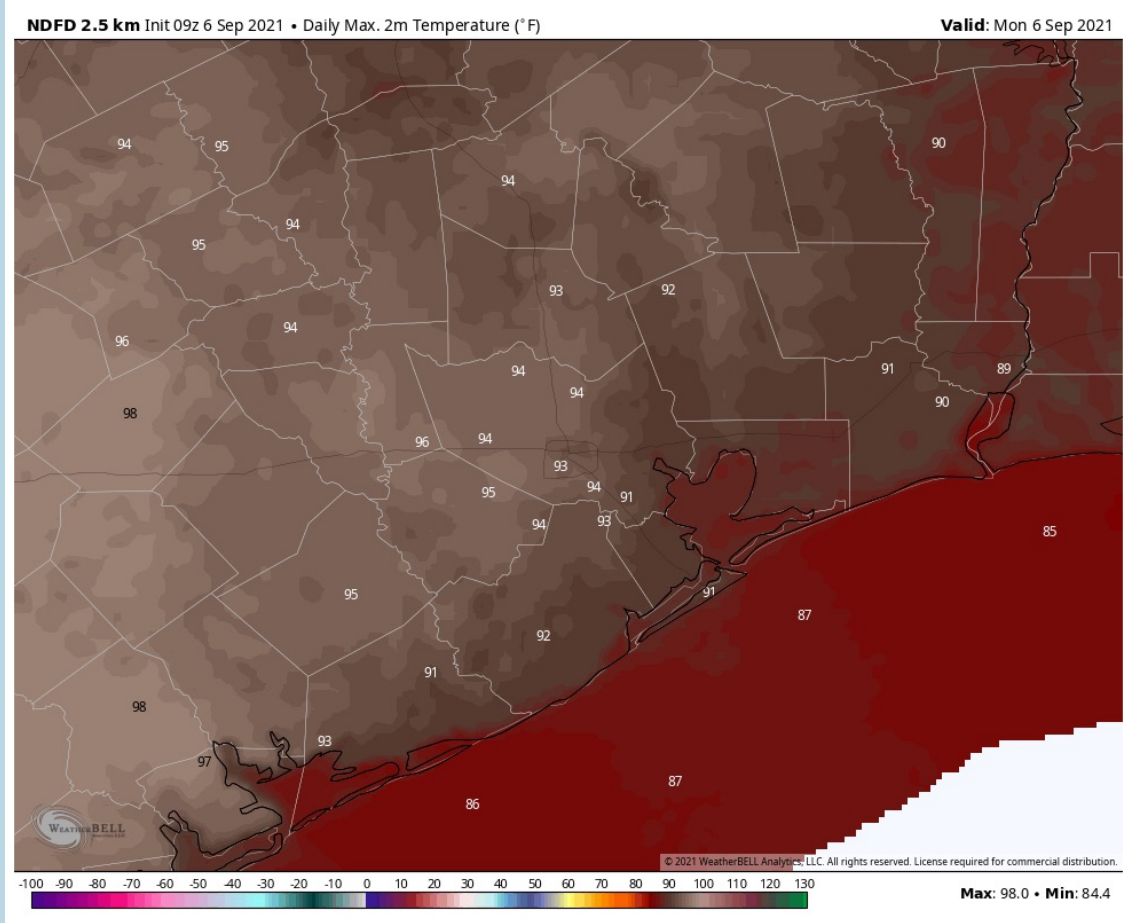
Sustained Winds (10 AM CT)



Simulated Radar Snapshot (3 PM CT)



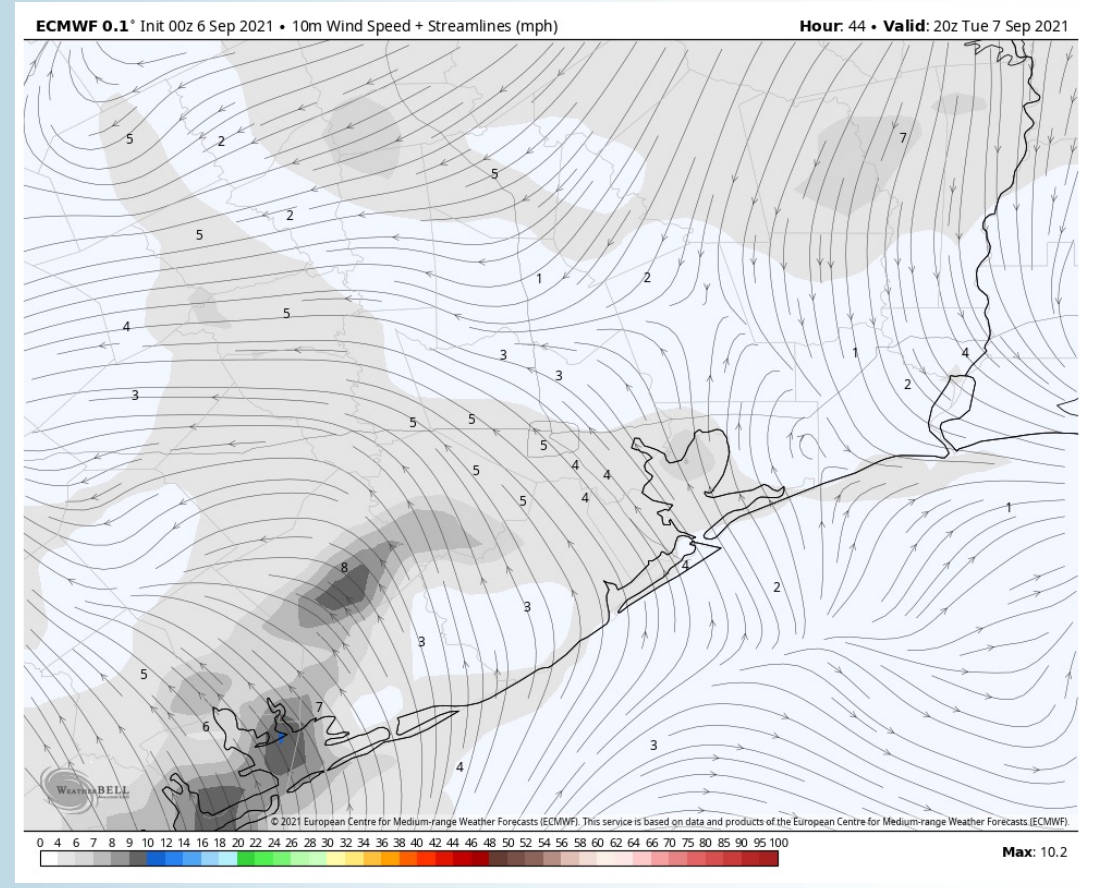
High Temperatures Today



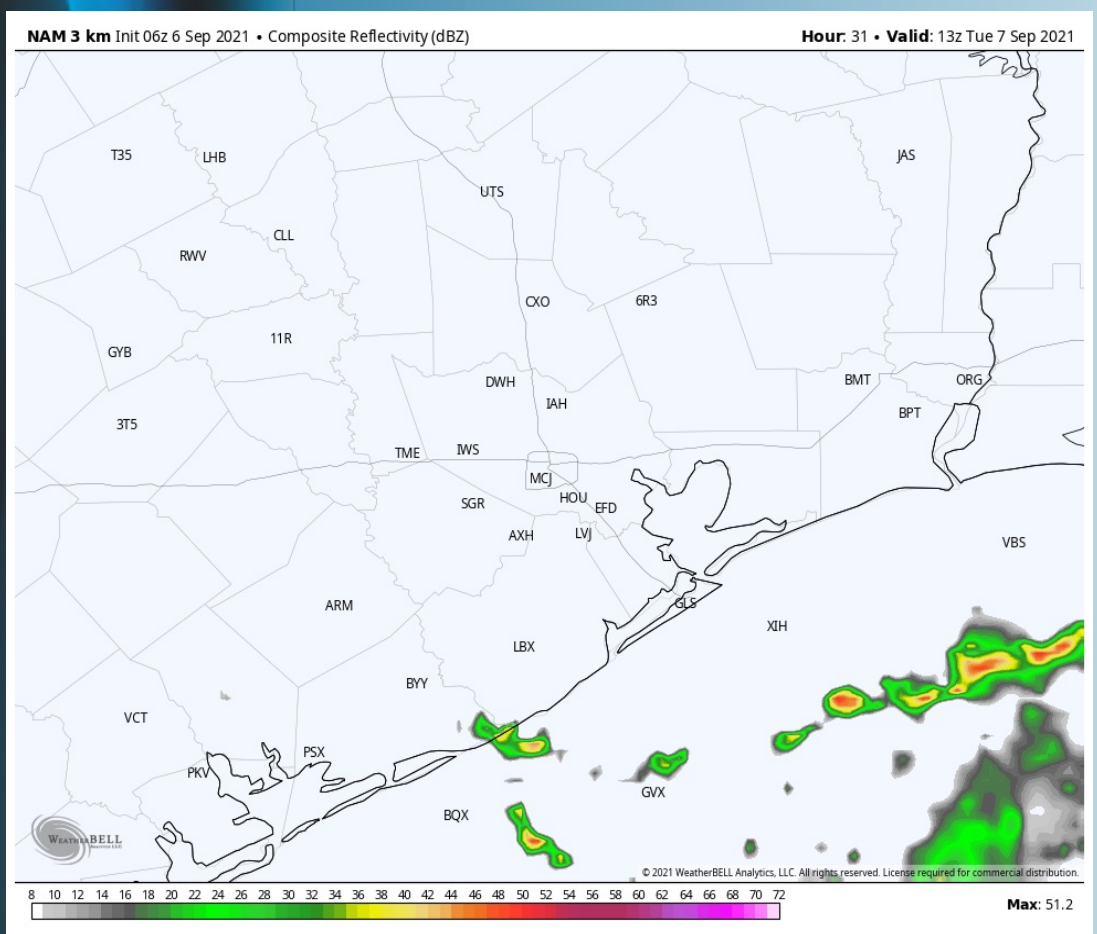
Short-Term Forecast Discussion

- We anticipate more widespread quiet weather on Tuesday, with an isolated threat possible closer to Bravo ½ vs locations further north in the Bay towards the HOU metro. The best timeframe for an isolated shower south of the Bay out to see looks to be early in the morning, tapering off mid to late morning into the afternoon.
- Winds on Tuesday morning generally look to be out of the East, veering more out of the South mid to late afternoon to the evening. Sustained speeds are expected to be lower, closer to 4-8 MPH.
- Highs on Tuesday look to be in the low to mid 90s.
- *No fog anticipated for Tuesday.*

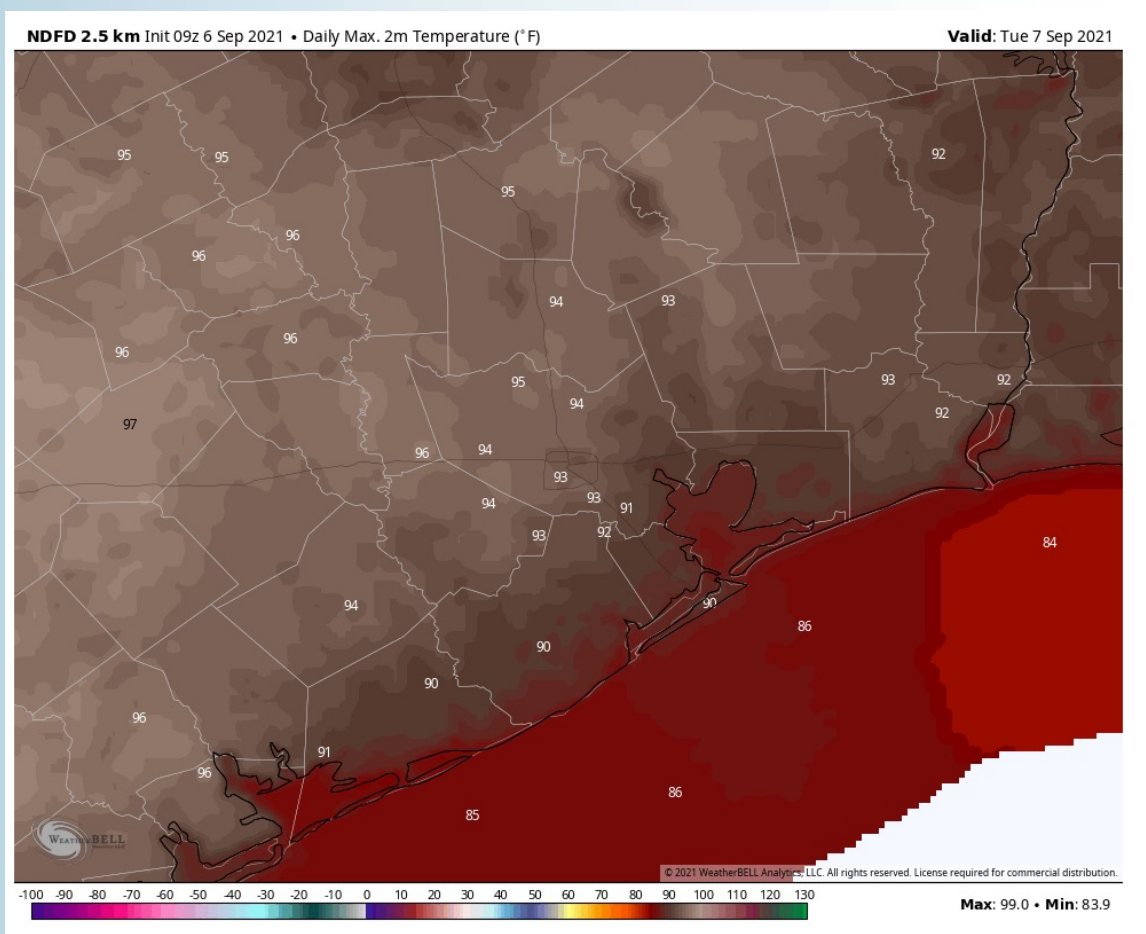
Sustained Winds (3 PM CT)



Simulated Radar Snapshot (8 AM CT)



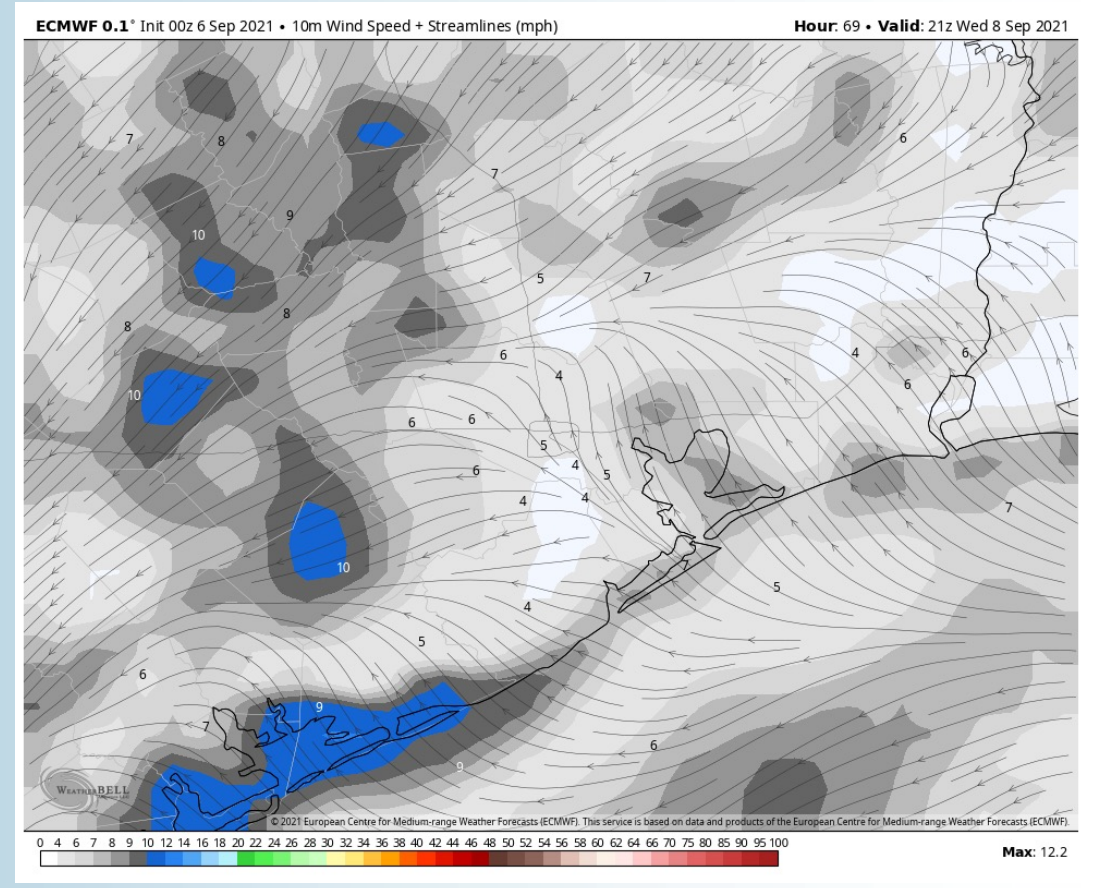
High Temperatures Tuesday



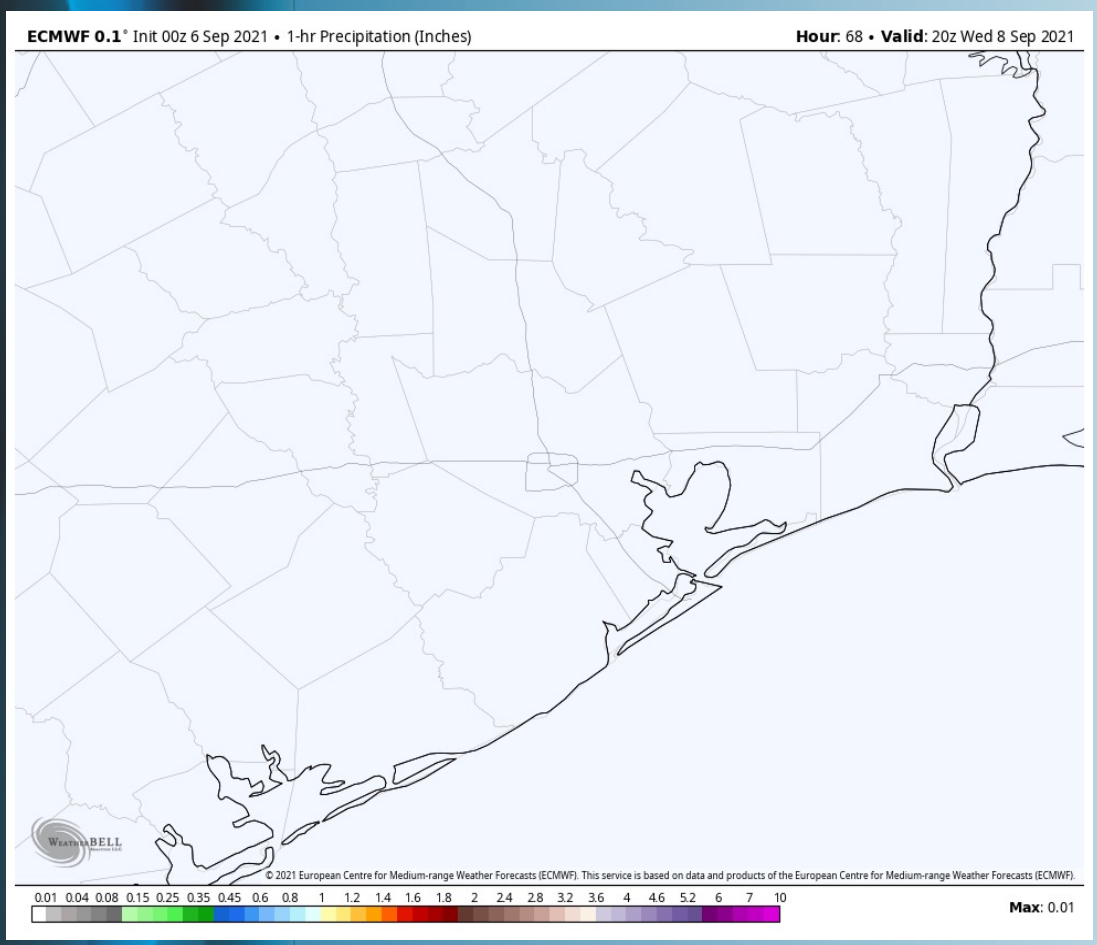
Short-Term Forecast Discussion

- Wednesday is expected to be a dry day across the area.
- Winds will be changing direction once again on Wednesday, starting out more from the NW throughout the morning, becoming more variable late morning to early afternoon, transitioning more out of the SSE late afternoon to evening. Sustained winds are anticipated to be at 4-8 MPH.
- Highs on Wednesday look to be in the low to mid 90s.
 - *No fog anticipated for Wednesday.*

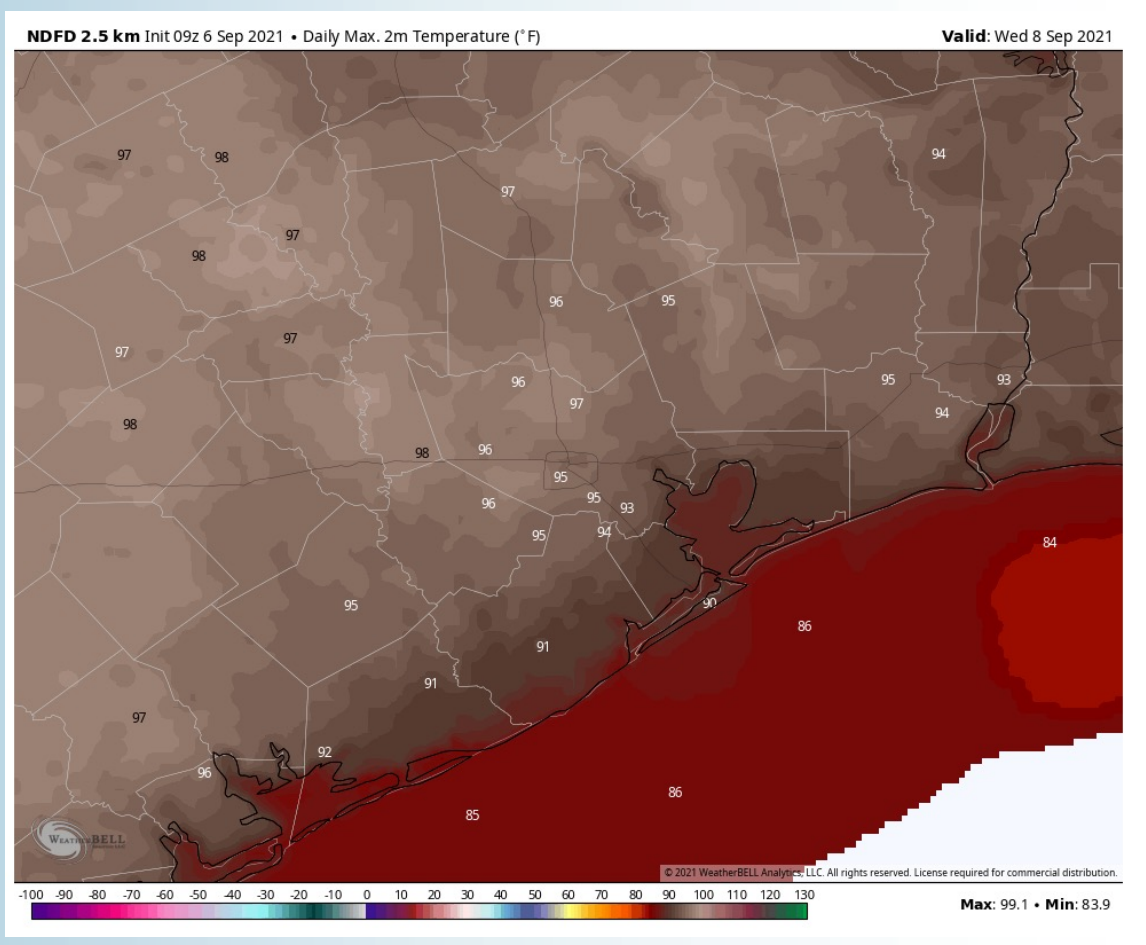
Sustained Winds (4 PM CT)



Simulated Radar Snapshot (3 PM CT)



High Temperatures Wednesday



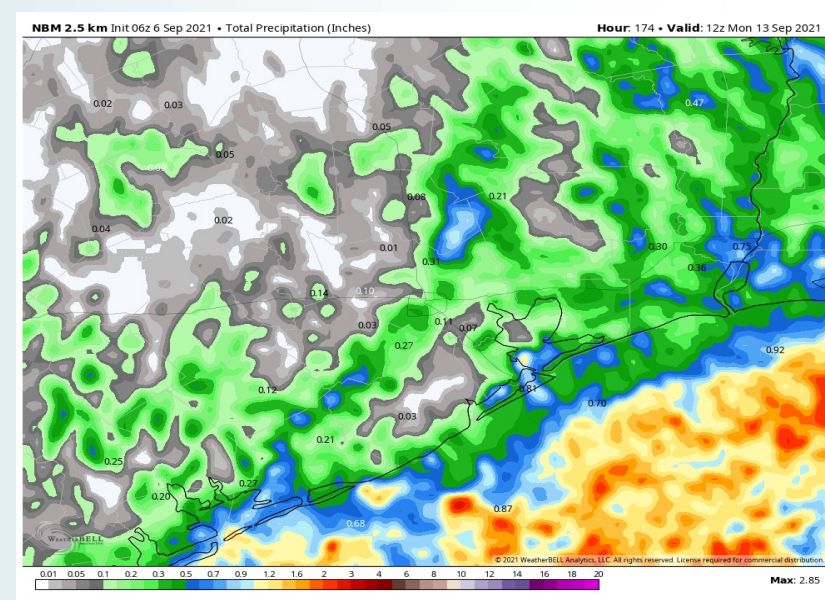
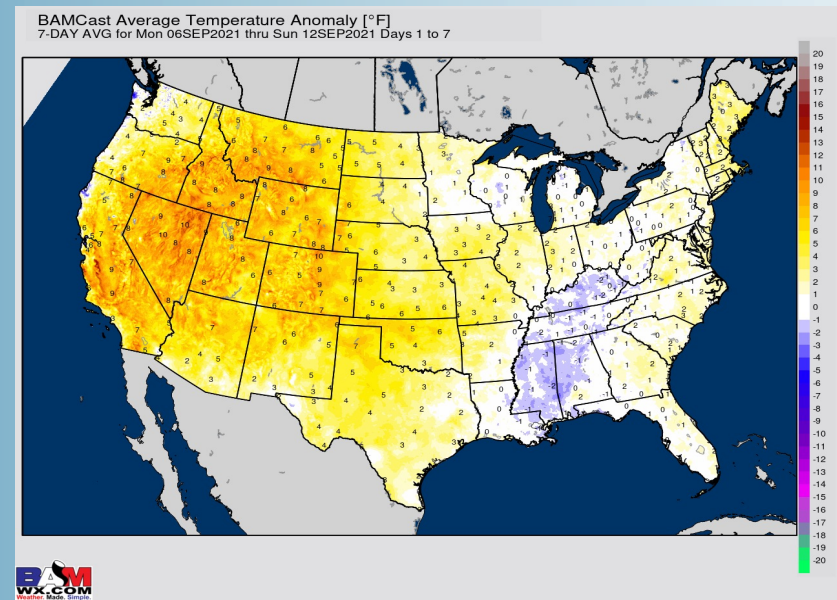
Long-Range Forecast Discussion

- Best chances for precip come today, moving more towards Bravo ½ and out to sea Tuesday and Wednesday. The rest of the week we anticipate more quiet weather overhead, extending into next weekend. Temperatures look to run above normal during this timeframe.

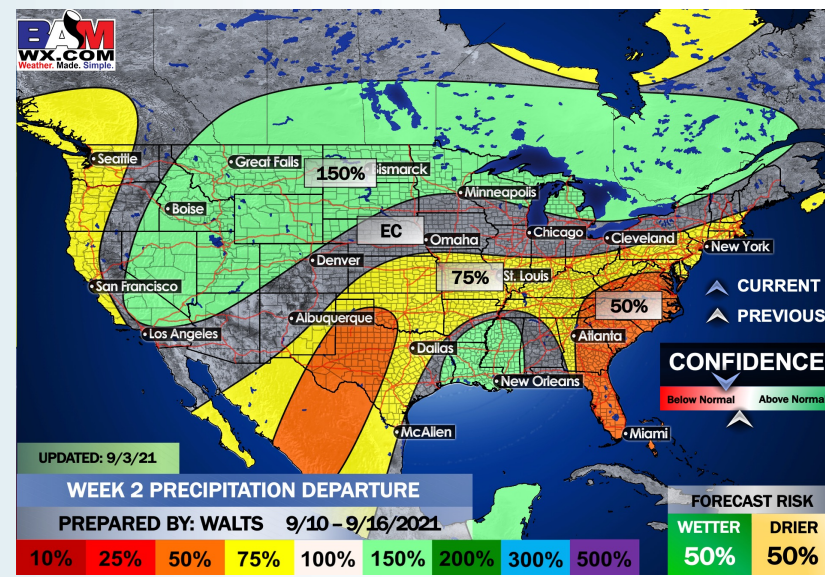
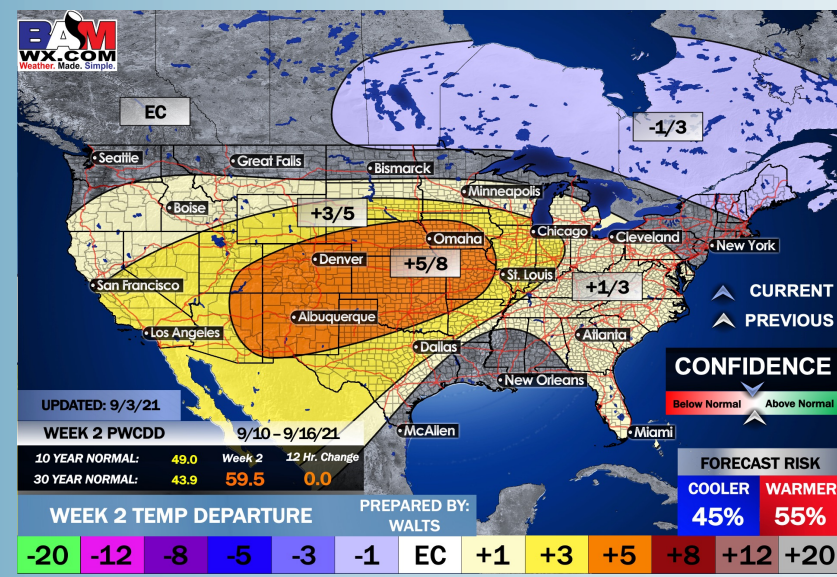
- A lot of week 2 will depend on how a tropical system plays out around the 13th – 16th timeframe. This will likely lead to a boom or bust potential in regards to rainfall. If it stays away from the HOU area then a more dry forecast is to be expected and vice versa. More information on this in slide 2. This will also impact temperatures as well as warmer than normal conditions would be expected if it stays away from Houston and vice versa.

- Right now, we have the risk of near normal temperatures and precipitation for the weeks ¾ timeframe. We will continue to monitor for tropical disturbances during this time. All it takes is for one system for above normal rainfall. However, avoiding tropical systems may introduce drier risks.

Week 1 Forecast



Week 2 Forecast



Weeks 3/4 Forecast

