

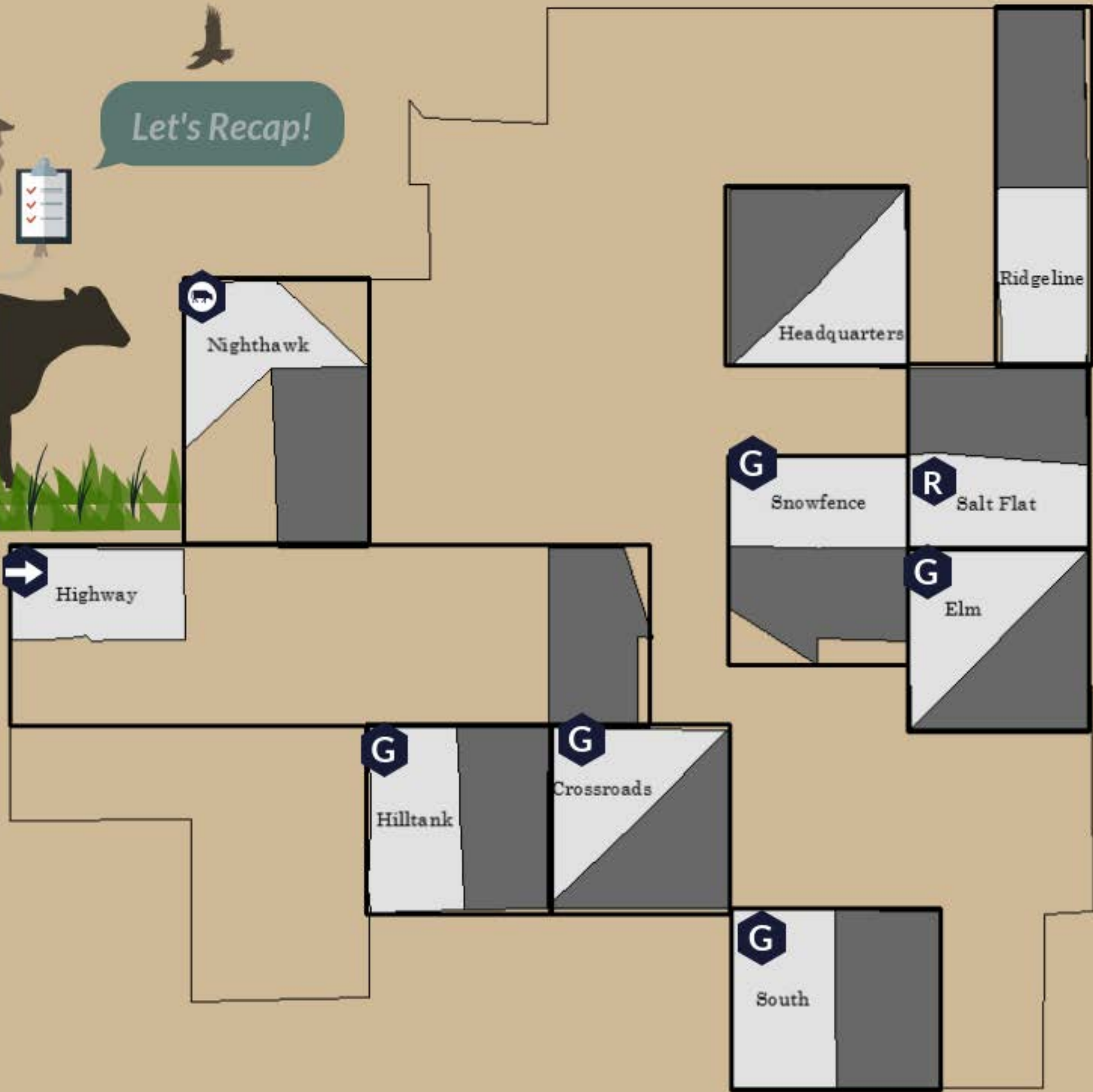


Greetings CARMers!

NOTE: CARM skipped Highway to go to Nighthawk due to well related issues.



Let's Recap!



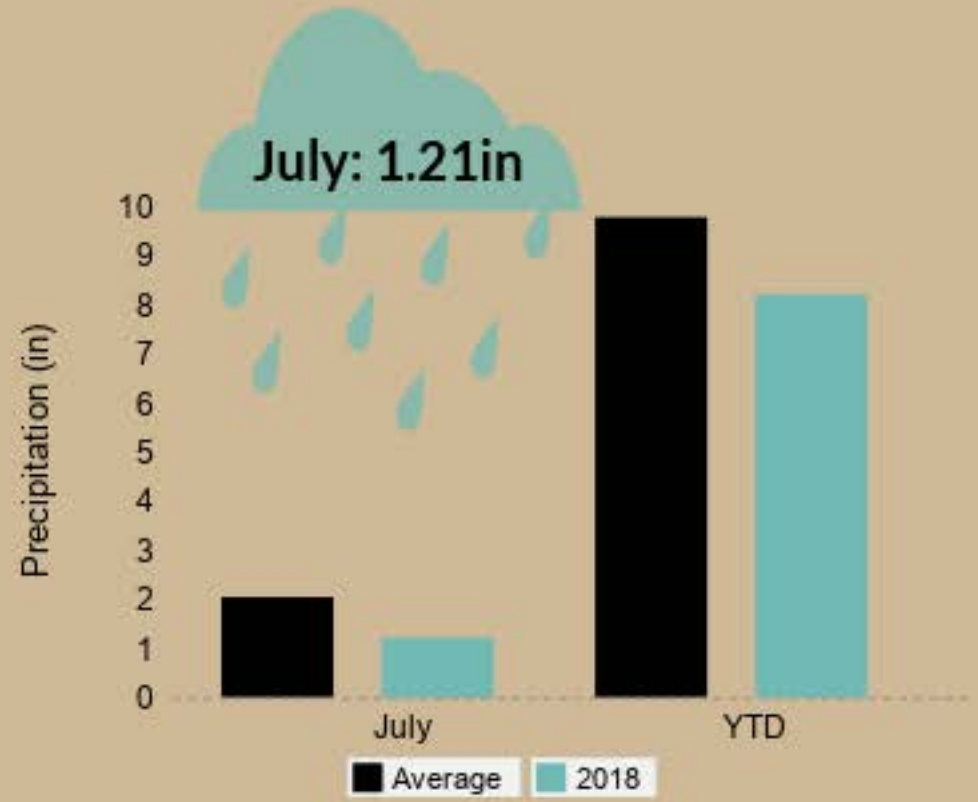
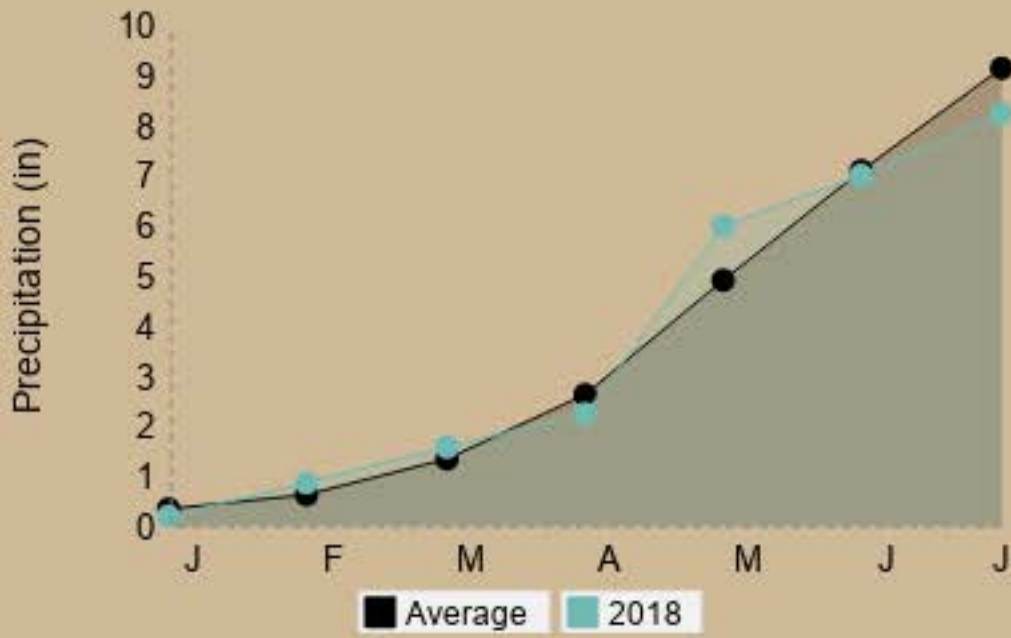
- Herd
- Next
- Grazed
- Rest

Nighthawk Stats:

- Loamy Soils
- Warm Season Grasses
- Veg. Threshold 450lbs/acre

Highlights of Happenings

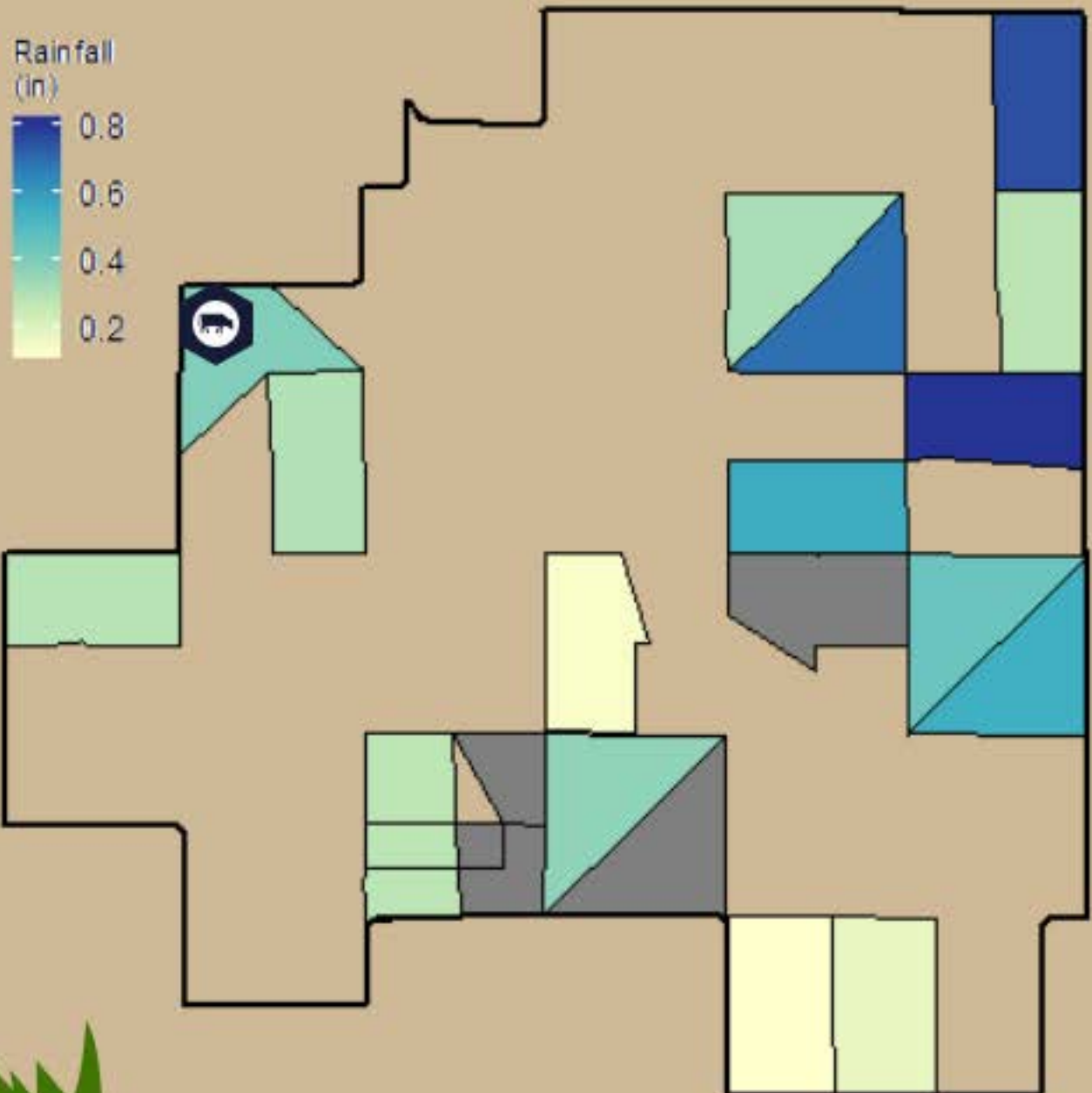
Rainfall Totals



Total Rainfall

2018-07-23 to 2018-07-30

Rainfall Distribution



There have been some serious hail storms, luckily CPER has managed to dodge each storm.

Our thoughts go out to the producers who received the lethal sized hail this last storm.



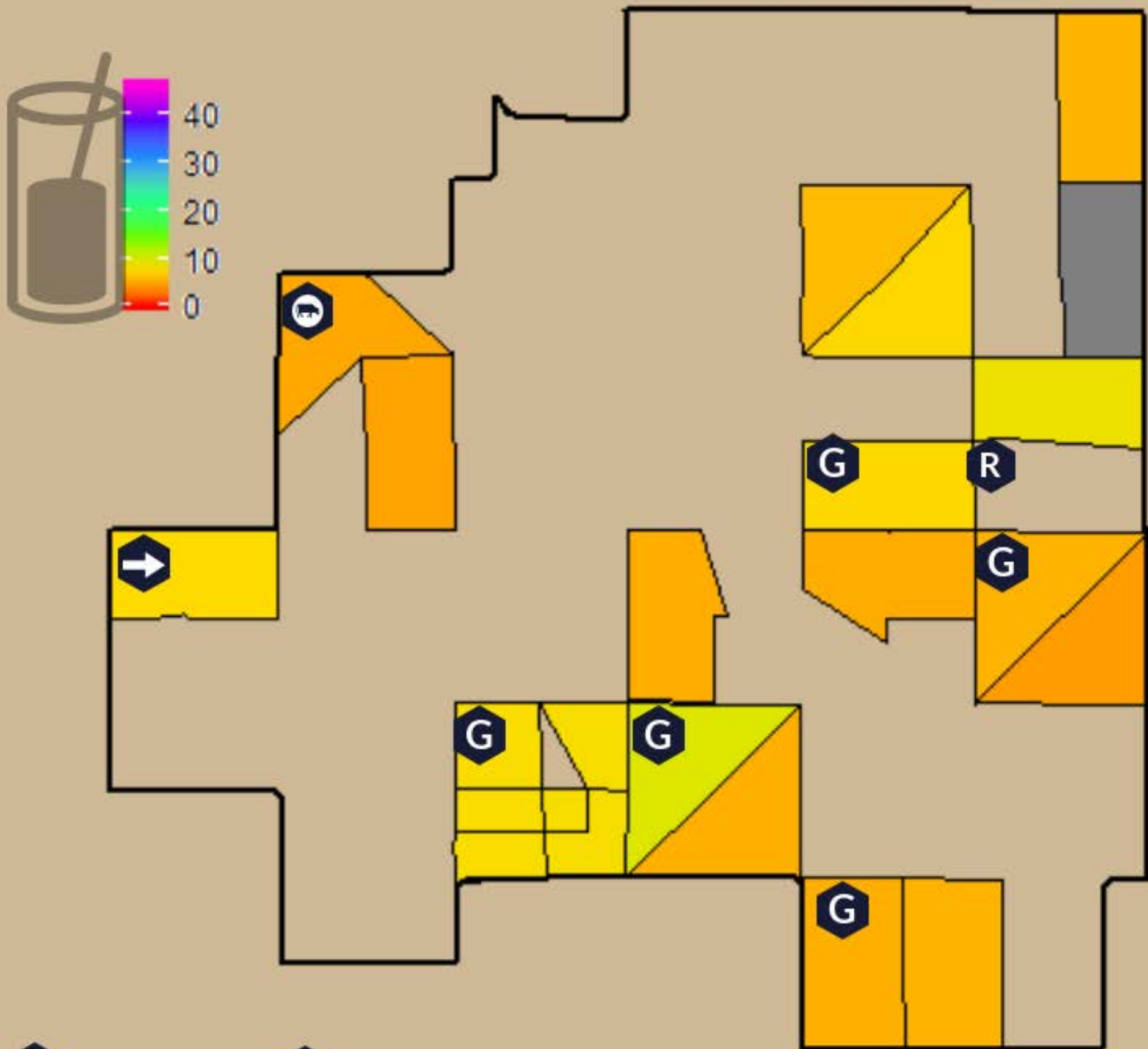
Soil Moisture Distribution

What's in our cup?

Although we saw rain, very little of that moisture made an impact on the soil profile in terms of available water.

Current Soil Moisture

2018-07-30 23:59:59



-  Herd
-  Next
-  Grazed
-  Rest

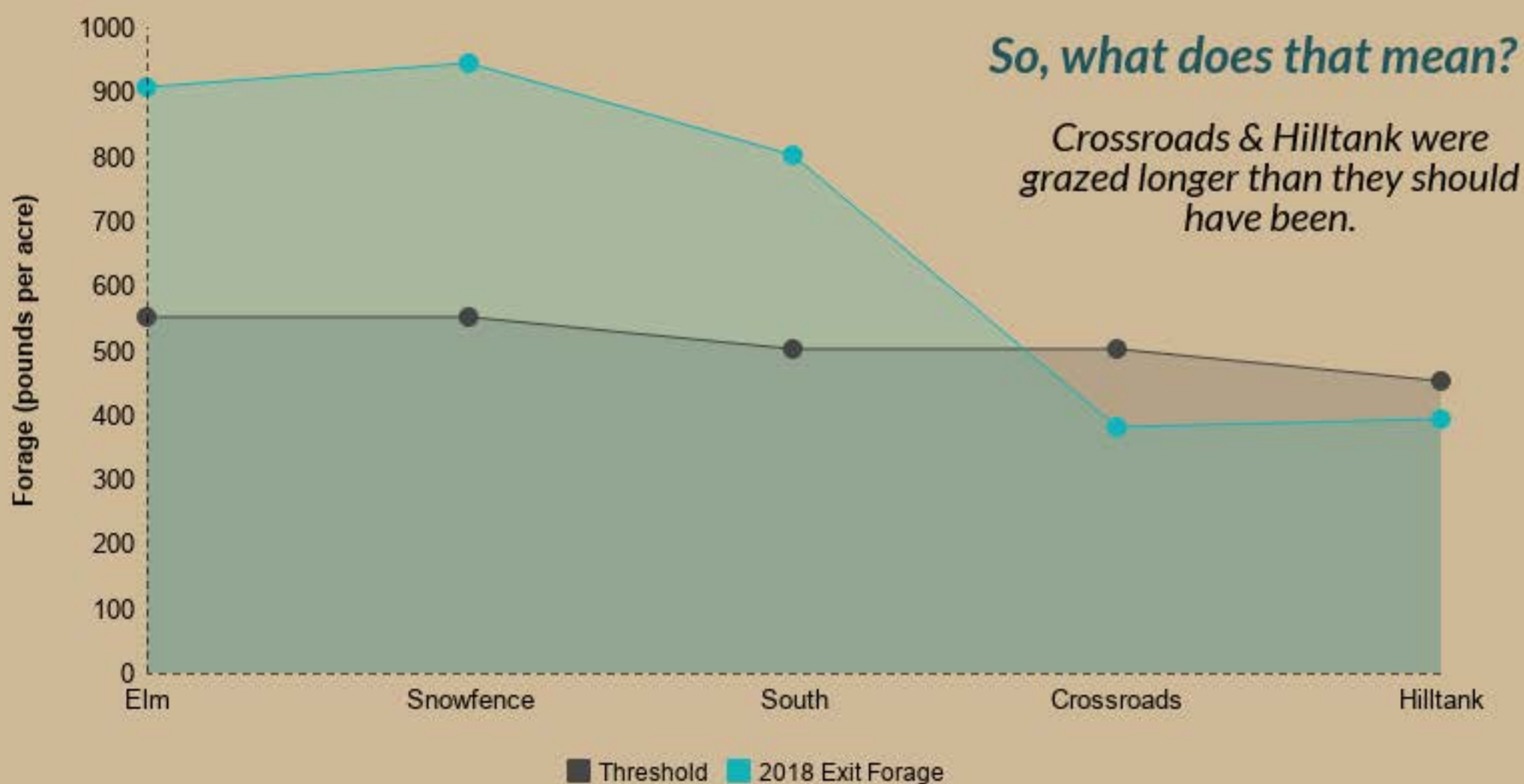
Forage Thresholds

It was brought to our attention last week that we have been using old vegetation thresholds this season.

We have confirmed the correct threshold values and will be using them from here on out.

This was an unfortunate mistake, but the team effort to right the wrong was impressive to say the least.

Thank you to everyone involved!



Crossroads

This pasture was grazed 4 days longer than what would have happened with the 500 pounds/acre threshold.

Hilltank

This pasture was grazed 3 days longer than what would have happened with the 450 pounds/acre threshold.

Nighthawk Forage



NOTE: Empty (E) is set at our pasture threshold of 450 lbs/acre NOT Zero lbs/acre.



Cowboy Report

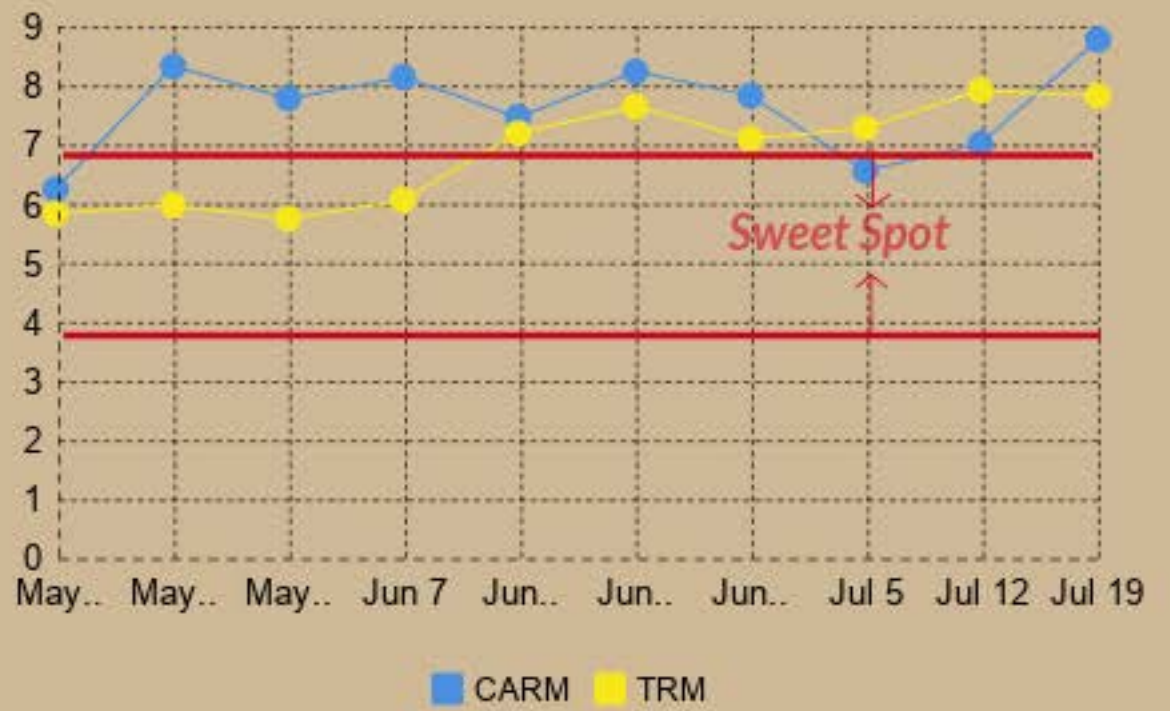
Highway well issue: The old solar pump is currently lodged in the well casing, full repair requires a well auger to remove the stuck pump.

According to VOR Nighthawk will only hold the herd roughly 5 days, the well itself will not be repaired in that time frame.

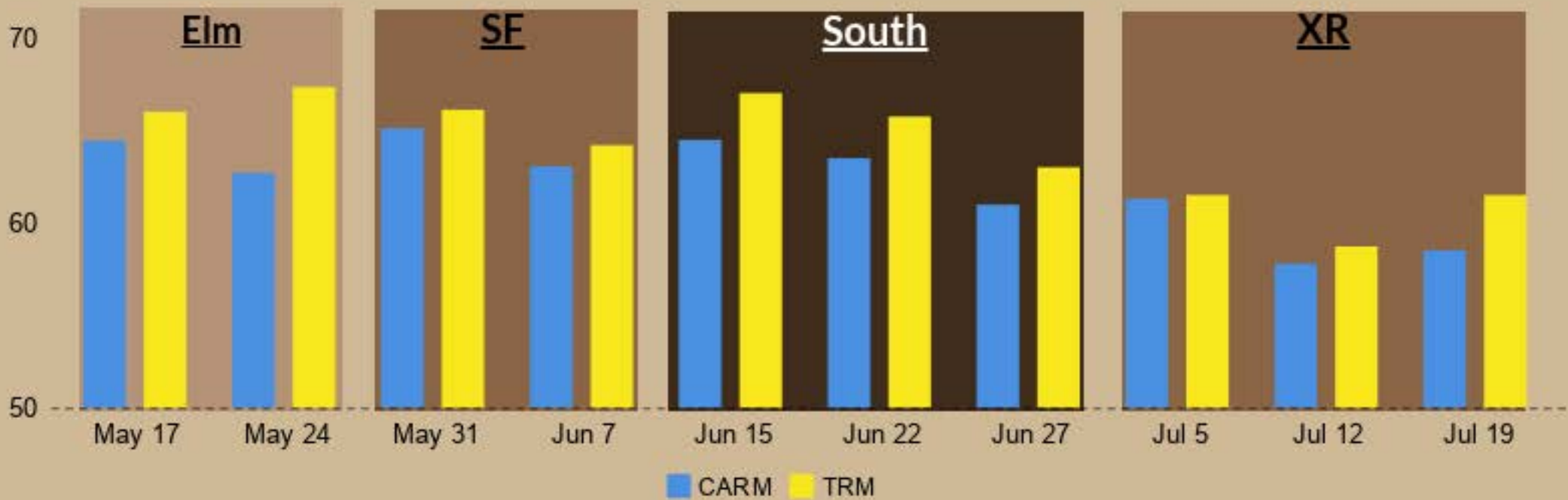




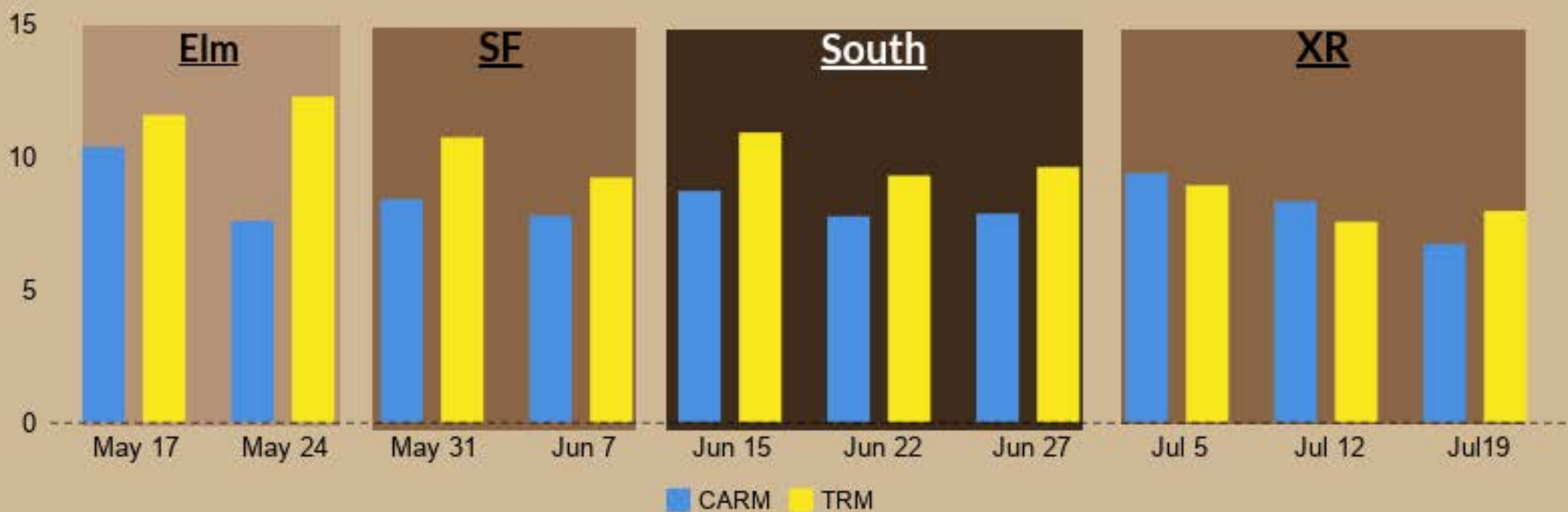
DOM:CP Ratio



Digestible Organic Matter (%DOM)



Crude Protein (%)





Tech Note:

- Clipping started.
- Pasture is dry.

This week



Last week





Up & Coming

- Monthly Cattle Weights
- Prairie Dog GPS/Ped download
- Mover herds rotate
- Thunder Basin Field Day Aug 21st

On behalf of the USDA-ARS
Rangeland Resources & Systems Research Unit,
I thank you all
for your continued participation
in this project.

Happy Trails!



For detailed precipitation
data, maps, last year's
updates, Scientist bios, and
CARM documents, see our
website:



ALL access data!