

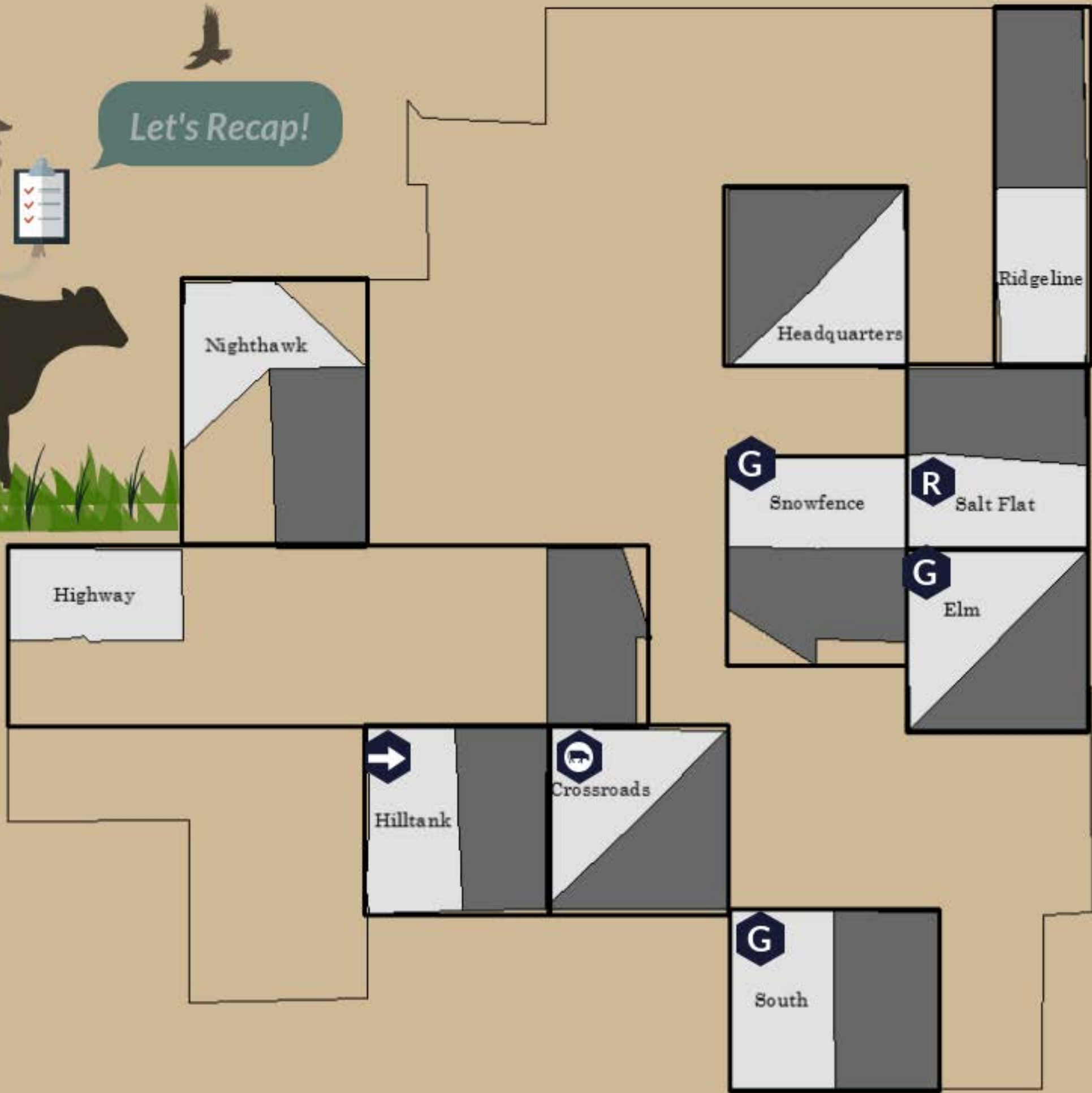


Greetings CARMers!

Crossroads will carry CARM another week.



Let's Recap!



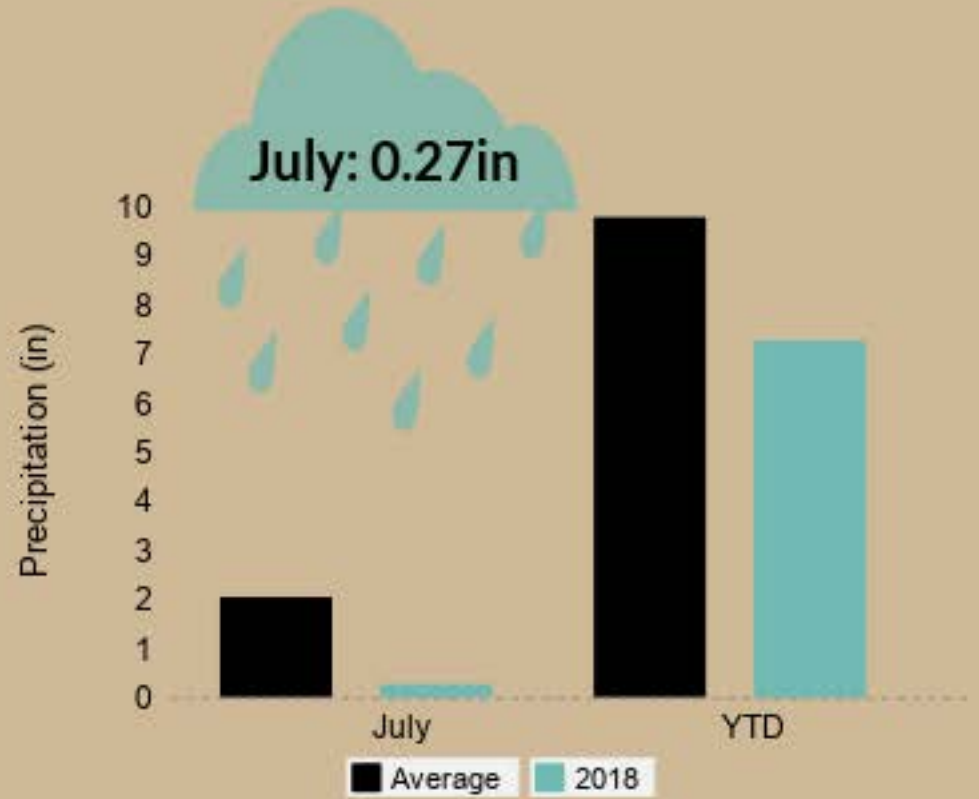
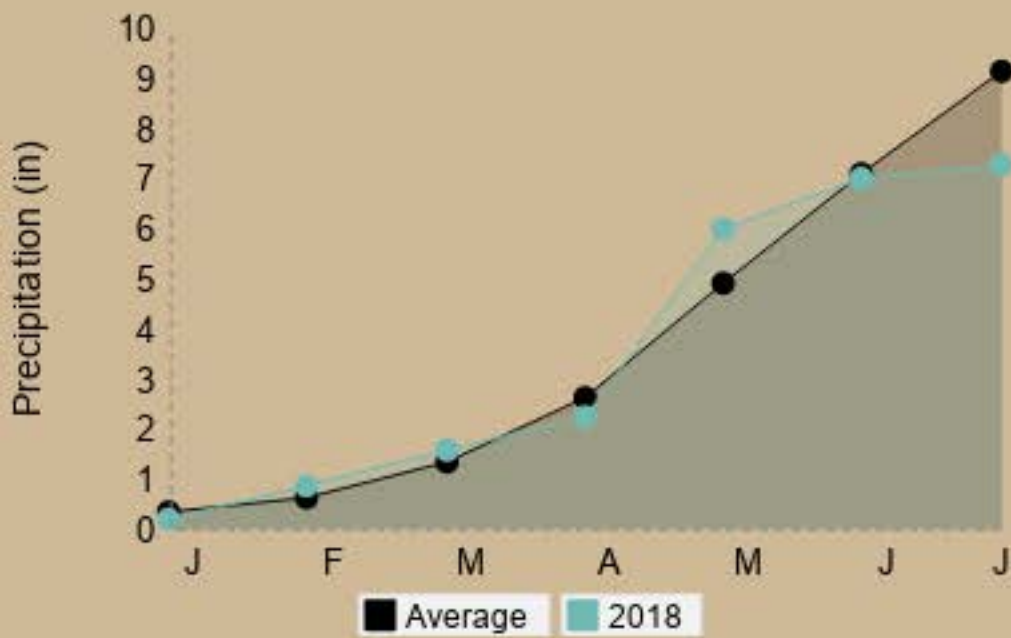
- Herd
- Next
- Grazed
- Rest

Hilltank Stats:

- Loamy Mix Soils
- Warm Season Grasses
- Veg. Threshold 300lbs/acre

Highlights of Happenings

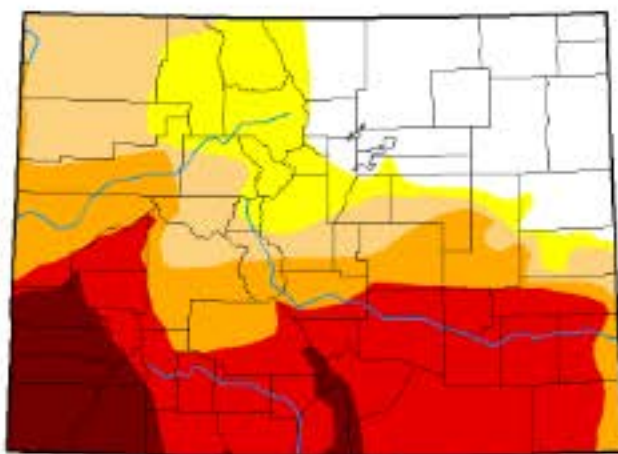
Rainfall Totals



Grass-Cast

U.S. Drought Monitor Colorado

July 3, 2018
(Released Thursday, Jul 5, 2018)
Valid 8 a.m. EDT



- Intensity:**
- ☐ D0 Abnormally Dry
 - ☐ D1 Moderate Drought
 - ☐ D2 Severe Drought
 - ☐ D3 Extreme Drought
 - ☐ D4 Exceptional Drought

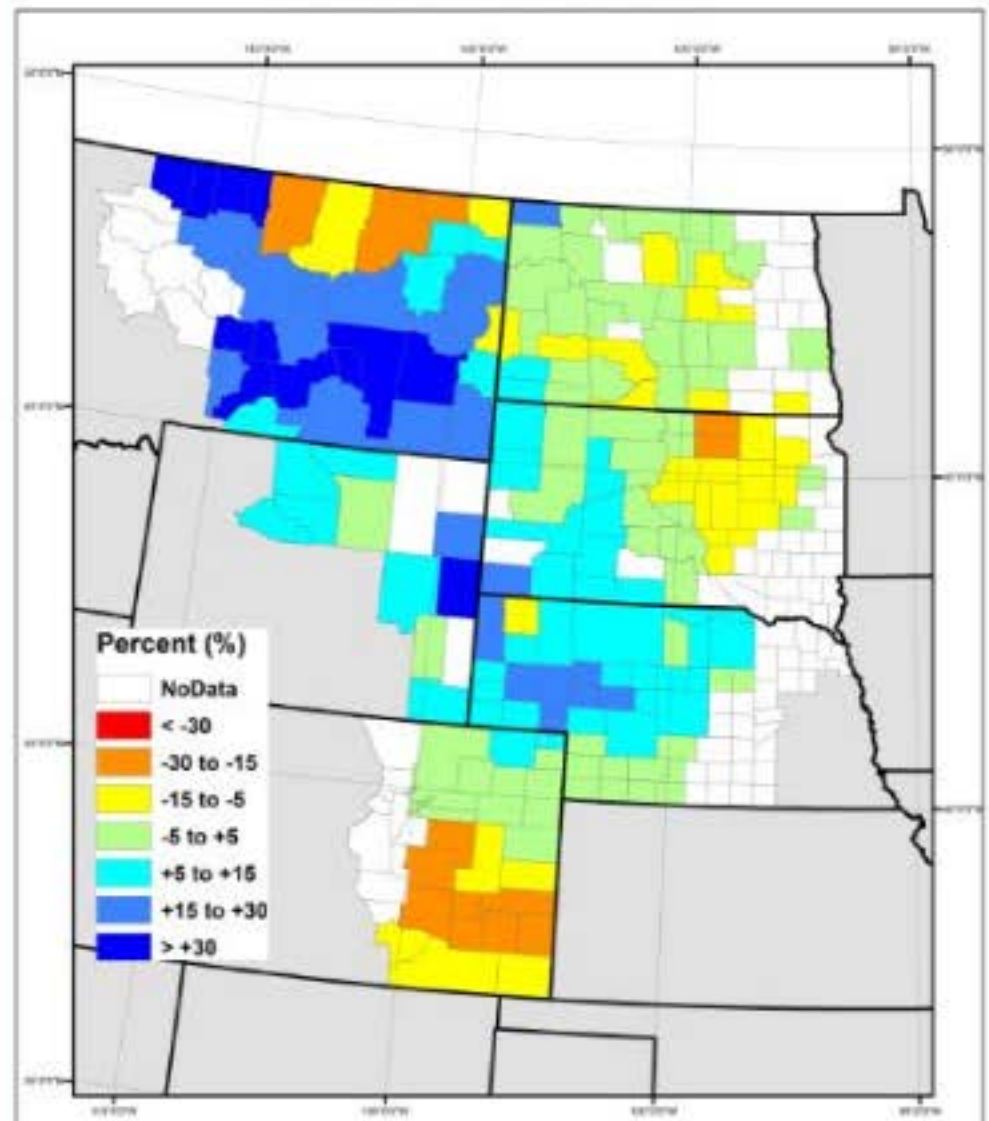
The Drought Monitor focuses on a broad scale and does not show local conditions. Local conditions may vary. See your agency's soil moisture or forecast statements.

Author:
Richard Tolson
OP/CNOA/RWSR/CEP

USDA, NWS, NOAA, NCEP

<http://droughtmonitor.unl.edu/>

Percent Change in 2018 Predicted ANPP Compared to 1982-2015 Mean ANPP Assuming Normal July Precipitation



- Percent (%)**
- ☐ NoData
 - ☐ < -30
 - ☐ -30 to -15
 - ☐ -15 to -5
 - ☐ -5 to +5
 - ☐ +5 to +15
 - ☐ +15 to +30
 - ☐ > +30

Data are from 7/1/2018

Drought Monitor

Grass-Cast



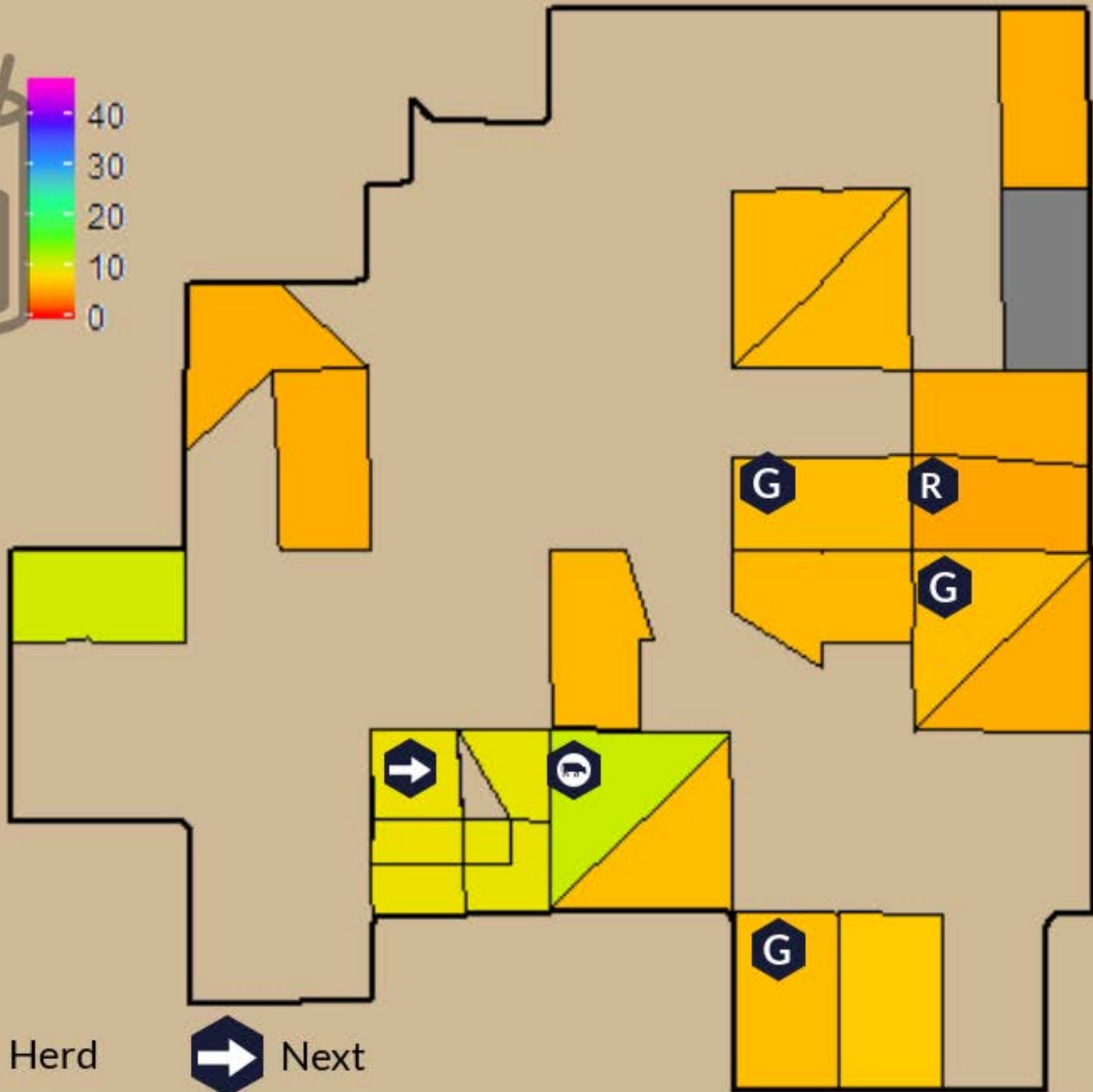
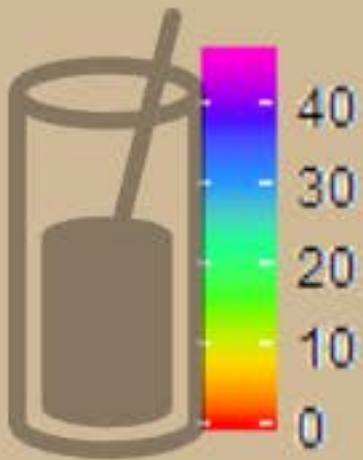
Soil Moisture Distribution

What's in our cup?

This graph will be refreshed next week. We've received almost no rain since then, very little change expected.

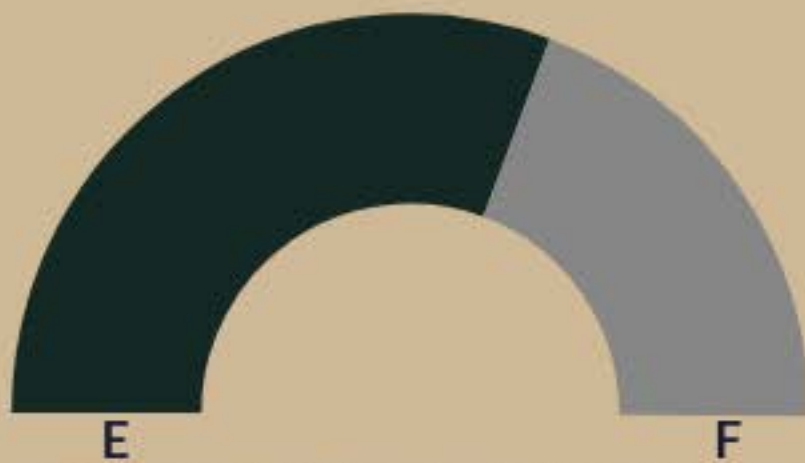
Current Soil Moisture

2018-07-01



- Herd
- Next
- Grazed
- Rest

Available Forage



NOTE: Empty (E) is set at our pasture threshold of 400 lbs/acre NOT Zero lbs/acre.

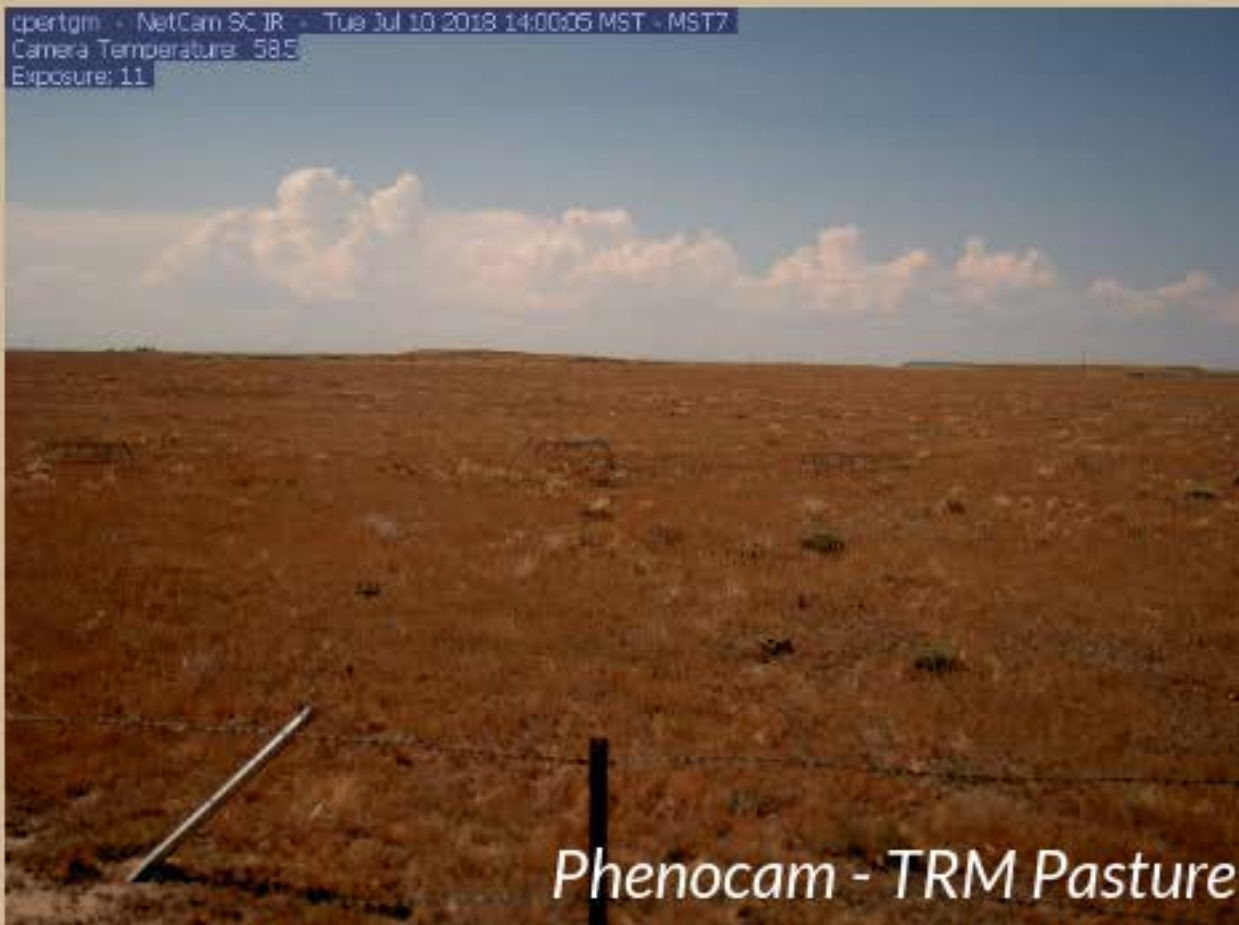


Veg Monitoring

It's not just the grass that's baking in this heat...

The veg crews are hard at work, doing anything from Wyoming ranch visits to conducting new arthropod studies and, despite the spontaneous technician combustion under this heat wave, the crews are making good speed.

Luckily, the flames were put out rapidly and the data was preserved.



PSA: Neither data nor technicians were harmed during the collection data.

Cowboy Report

We have had two more foot rots, but the cattle seem happy despite the brown grass.

Pasture Day
12

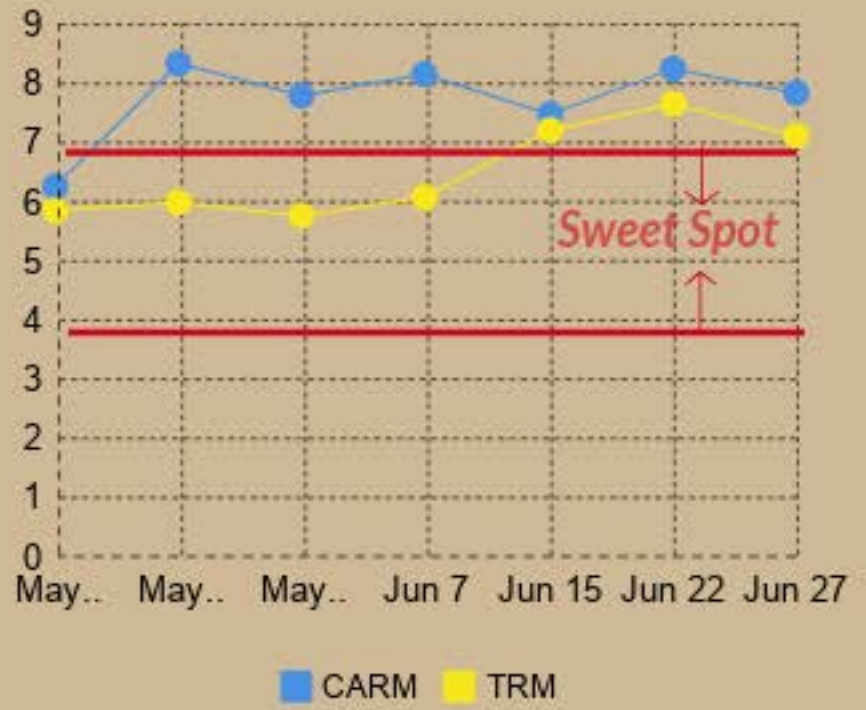




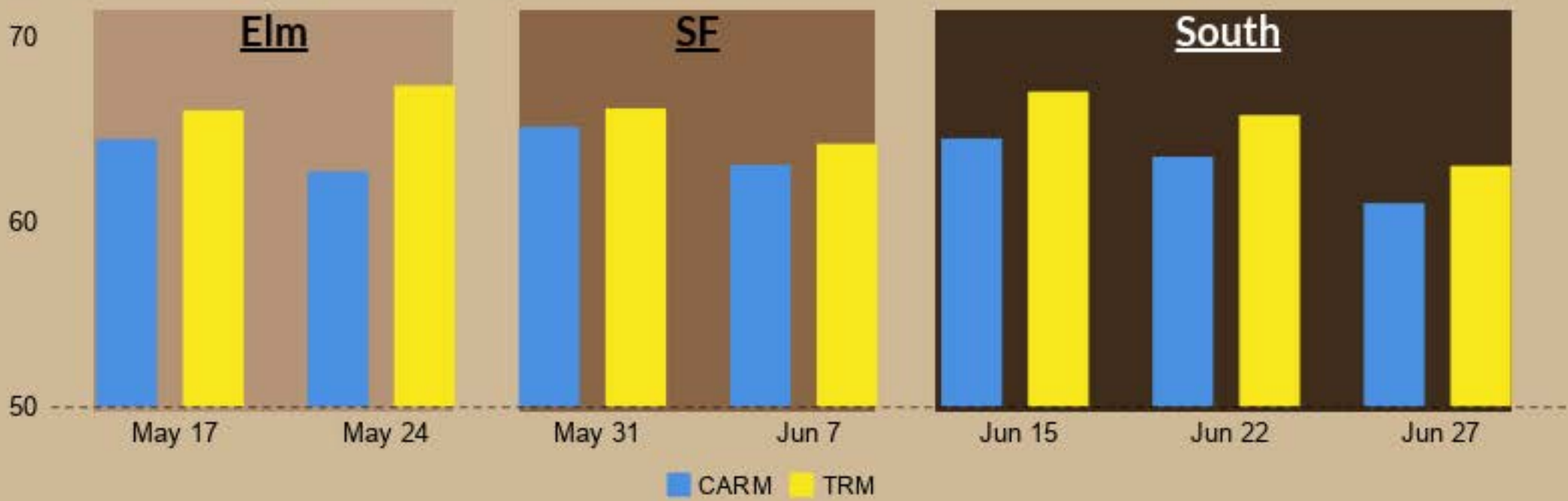
All we need is a little rain.

The Scoop on Poop

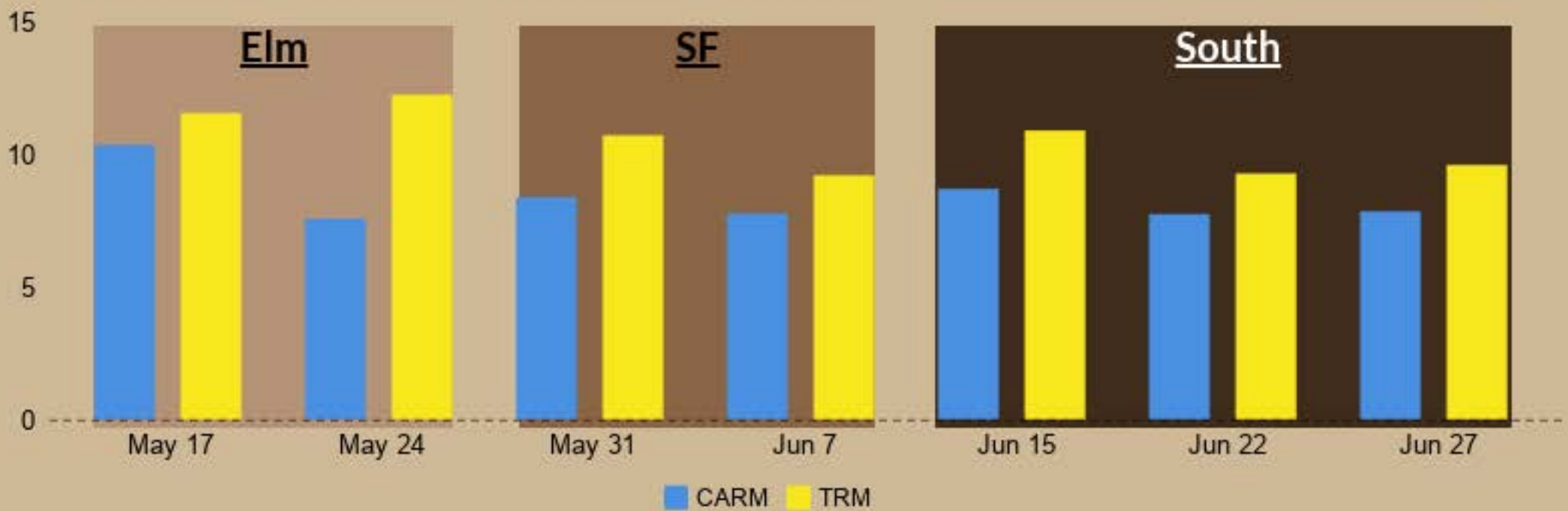
DOM:CP Ratio



Digestible Organic Matter (%)



Crude Protein (%)





Tech Note:

- Watch out for all the baby antelope, they're sticking hard this year.

This week



Last week





Flashback to this spring, when the grass was green and the breeze was cool.

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!