Collaborative Adaptive Rangeland Management

Where it all began

Dive into the details...

CARM moved!

Nighthawk

Highway

Hilltank

Crossroads

Headquarters

Ridgeline

Snowfence

Salt Flat

Elm

South

Herd

Next

G Grazed

R Rest

Saltflat & Elm

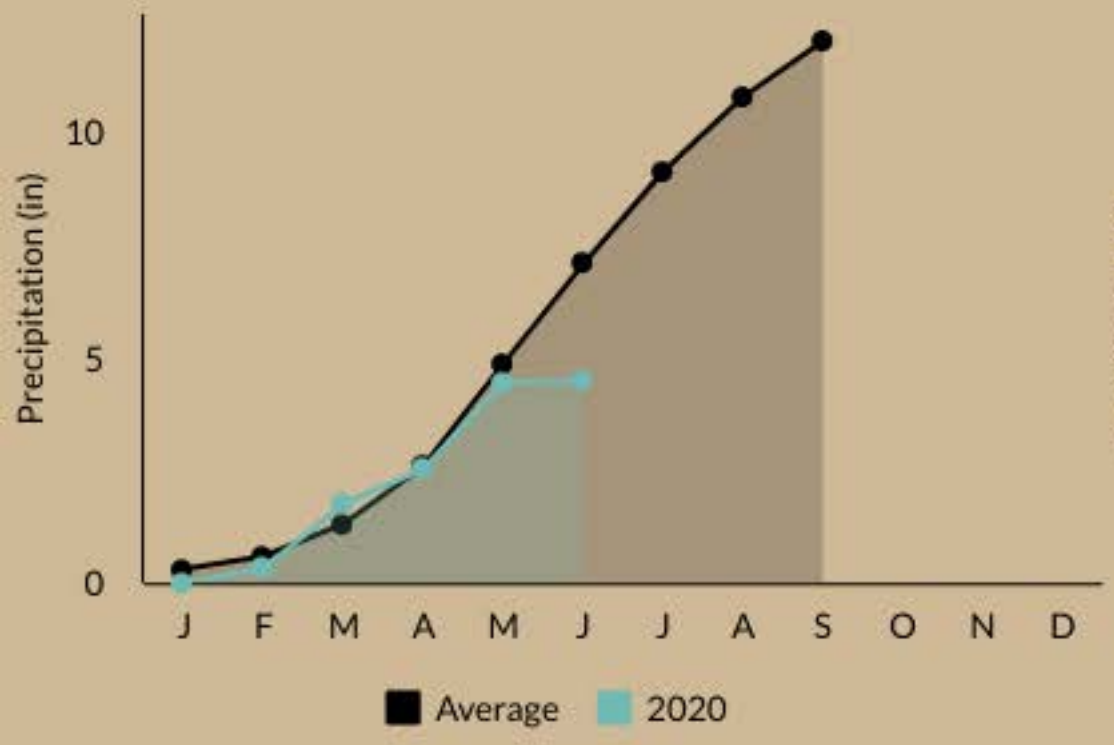
- Sandy Soils
- Cool Season Grasses
- Vegetation Threshold 550 pounds/acre

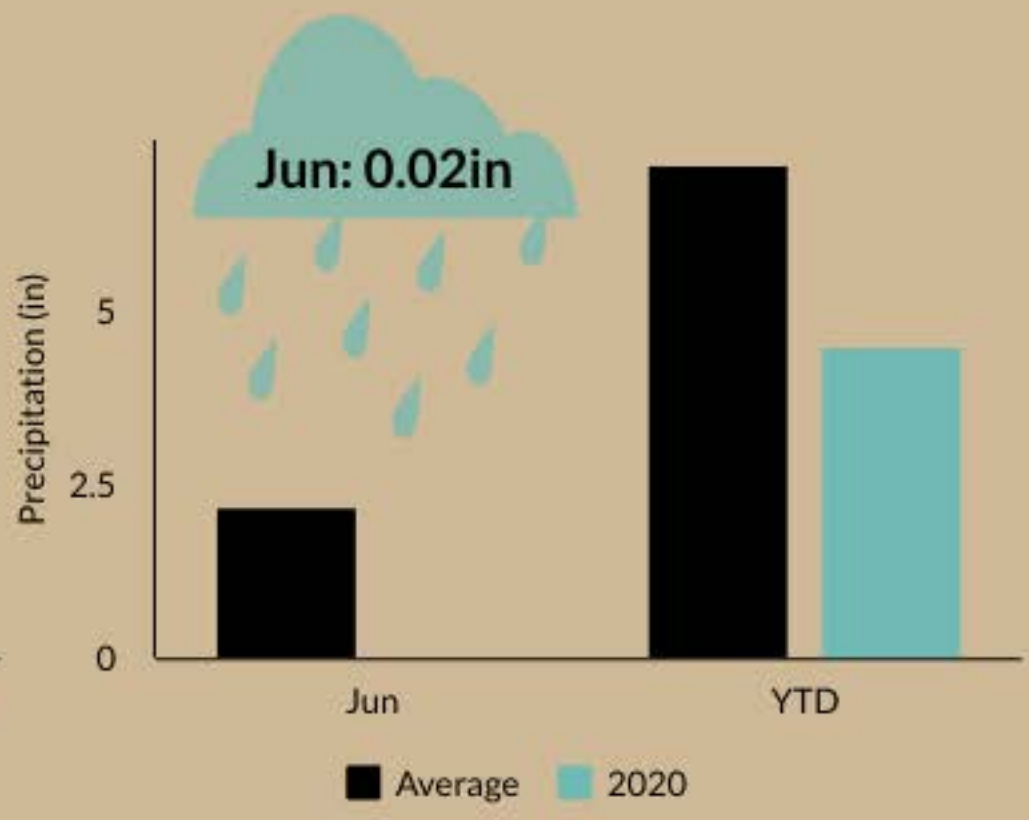
Let's breakdown what
we're seeing currently:

June 4th, 2020 :: CARM :: Saltflat & Elm

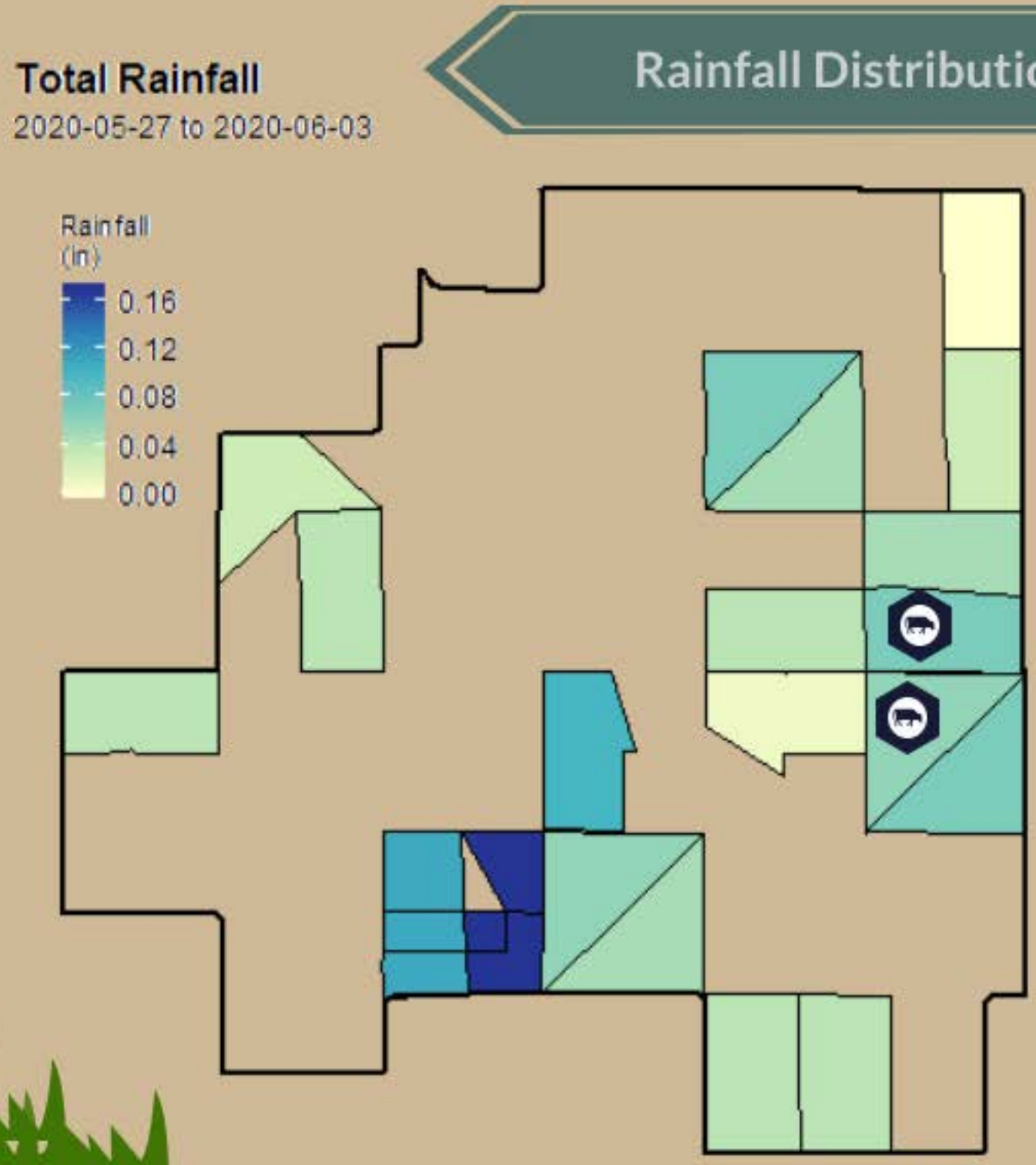
Highlights of Happenings

Rainfall Totals





Rainfall Distribution



Drought Monitor

Grass-Cast

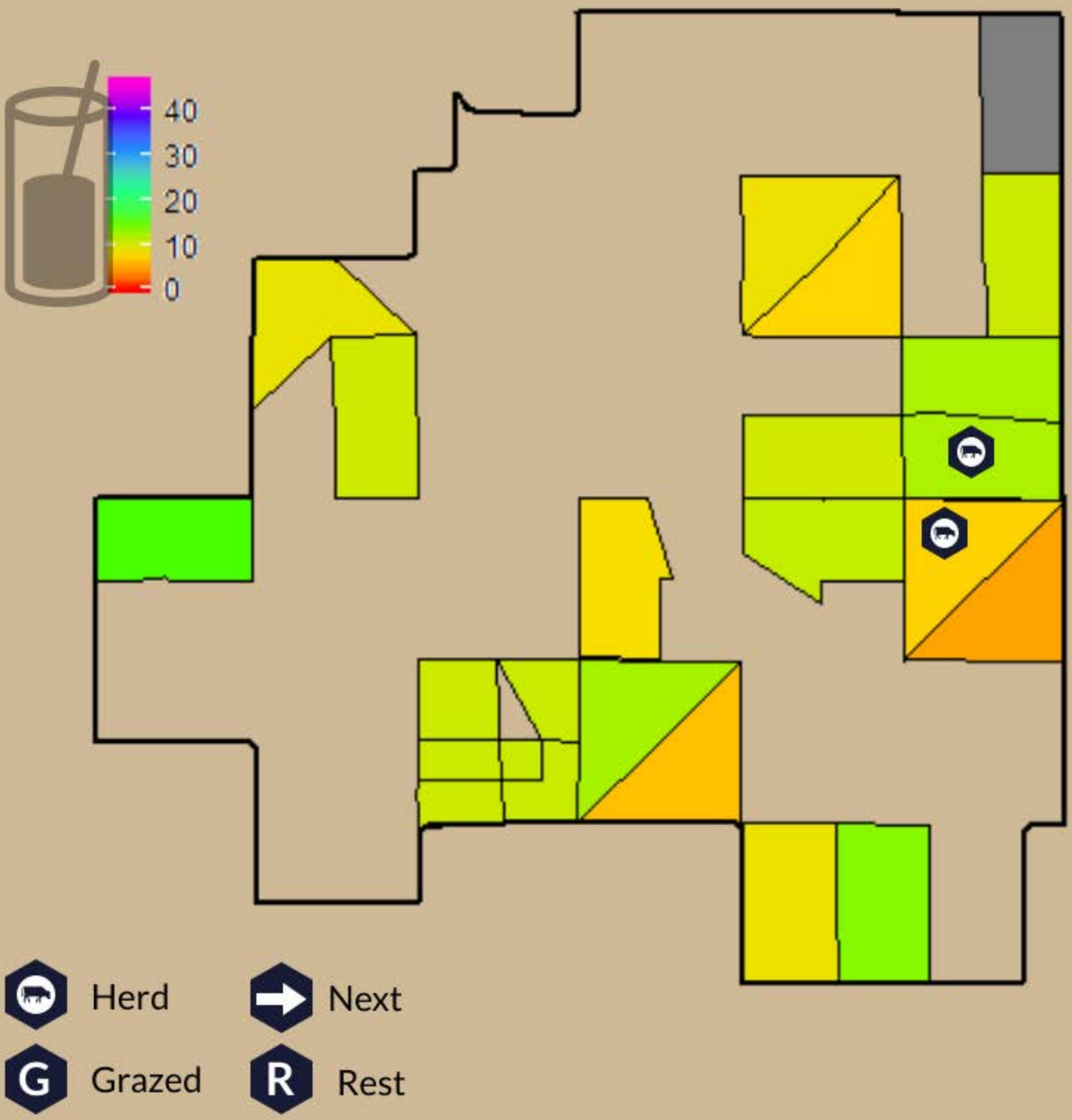
Soil Moisture Distribution

What's in our cup?

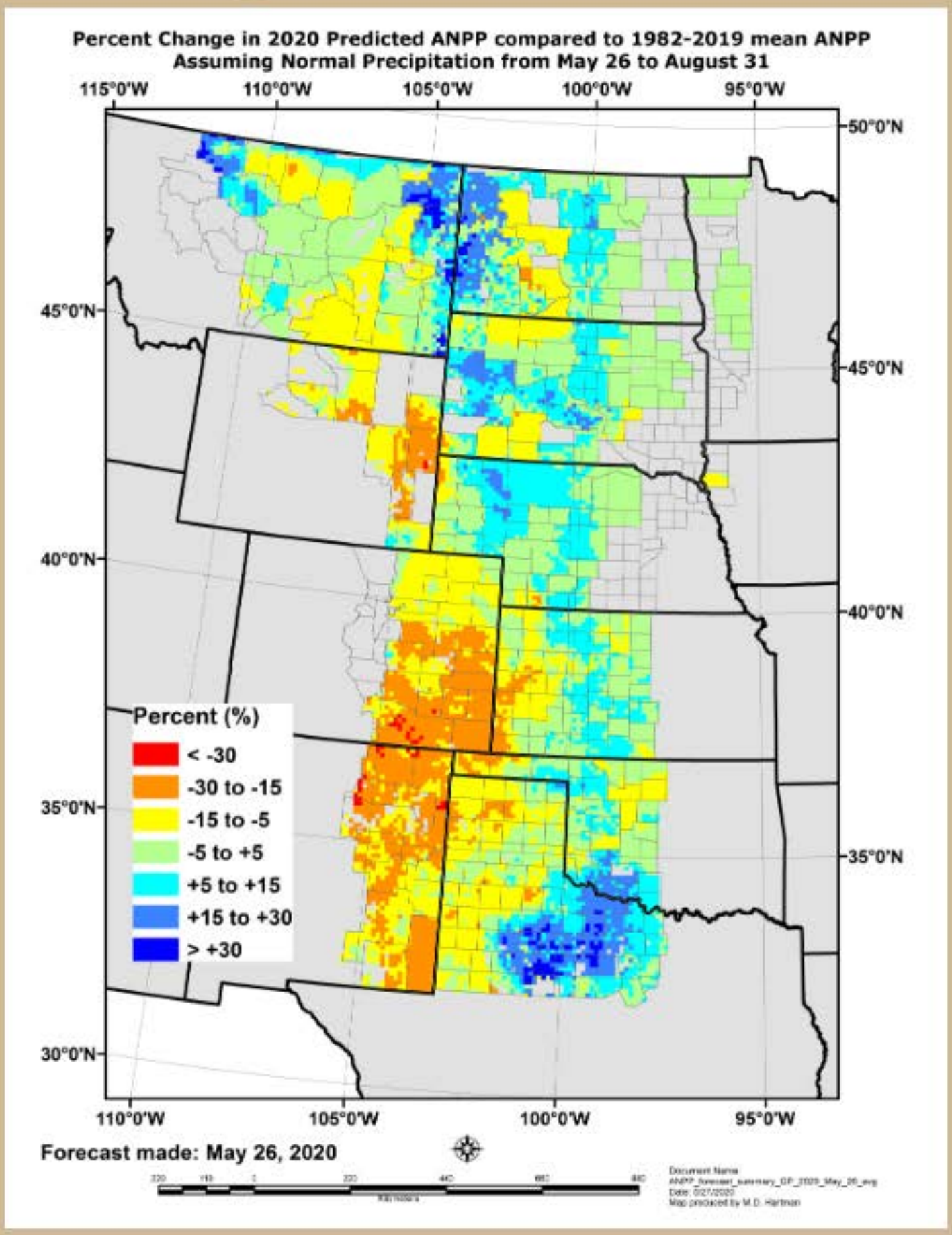
We certainly could use a refill!

Current Soil Moisture

2020-06-03



So, what does this rain & soil moisture mean in terms of grass?



If the station receives ***average summer rainfall*** *,*
CARM may see a ***decrease in grass production***
from normal production by 5 - 15%: ***Come on rain!***

View the other grass-cast scenarios.

Snowfence

Saltflat

NOTE: Empty (E) is set at 550 lbs/acre

It's time to open the next gate,
the herd will have access to Elm,
& the pasture is growing strong!

Next rotation in the management plan,
CARM be grazing Saltflat & Elm.

Saltflat

Elm

NOTE: Empty (E) is set at 550 lbs/acre

Cowboy Report

Cattle look happy
& they'll sure enjoy
the fresh grass in Elm.

Pasture Day
21

June 4th, 2020 :: CARM :: Saltflat & Elm

Tech Note:

- CARM veg monitoring has started.

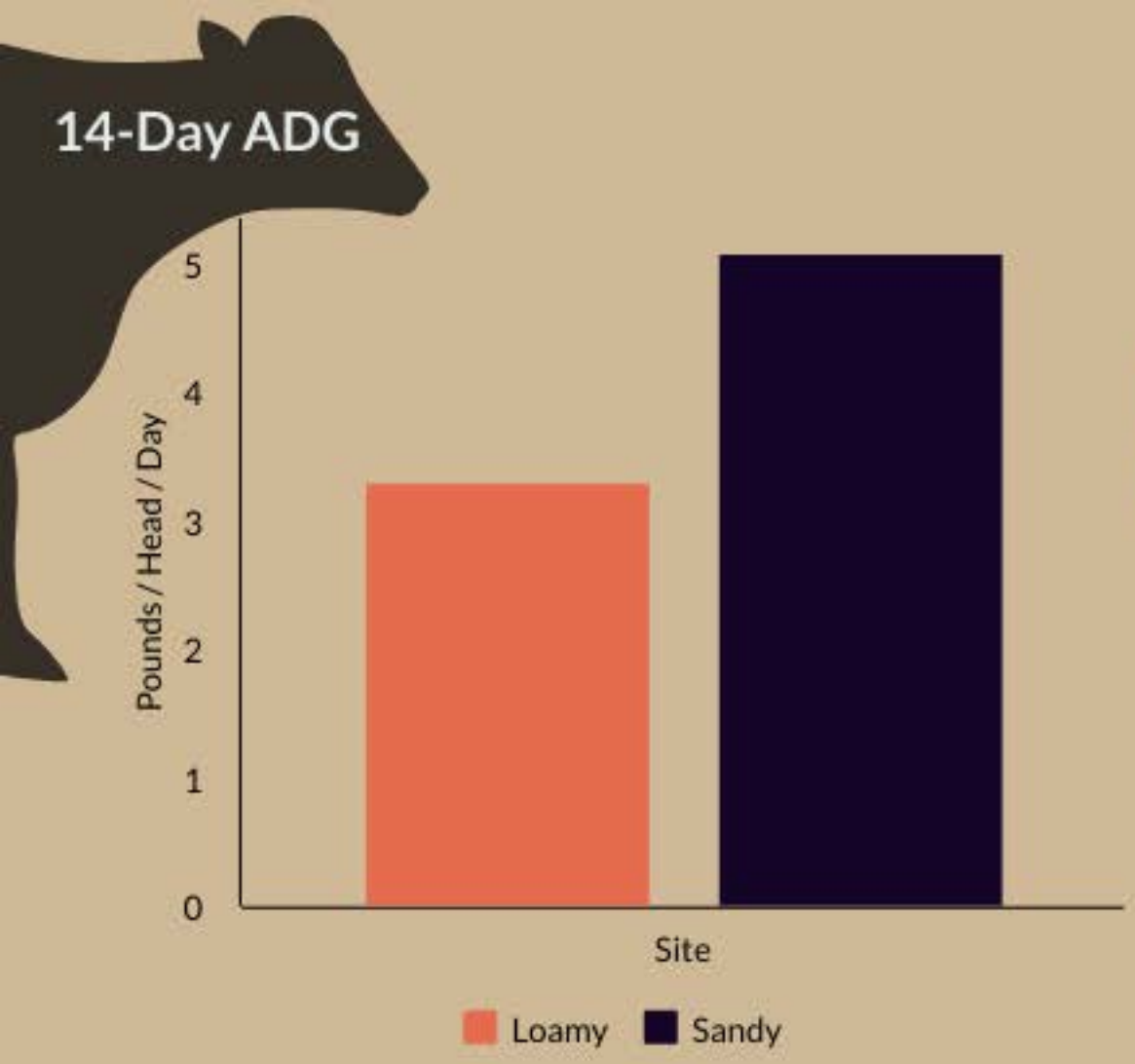

Snow-
fence


last
week

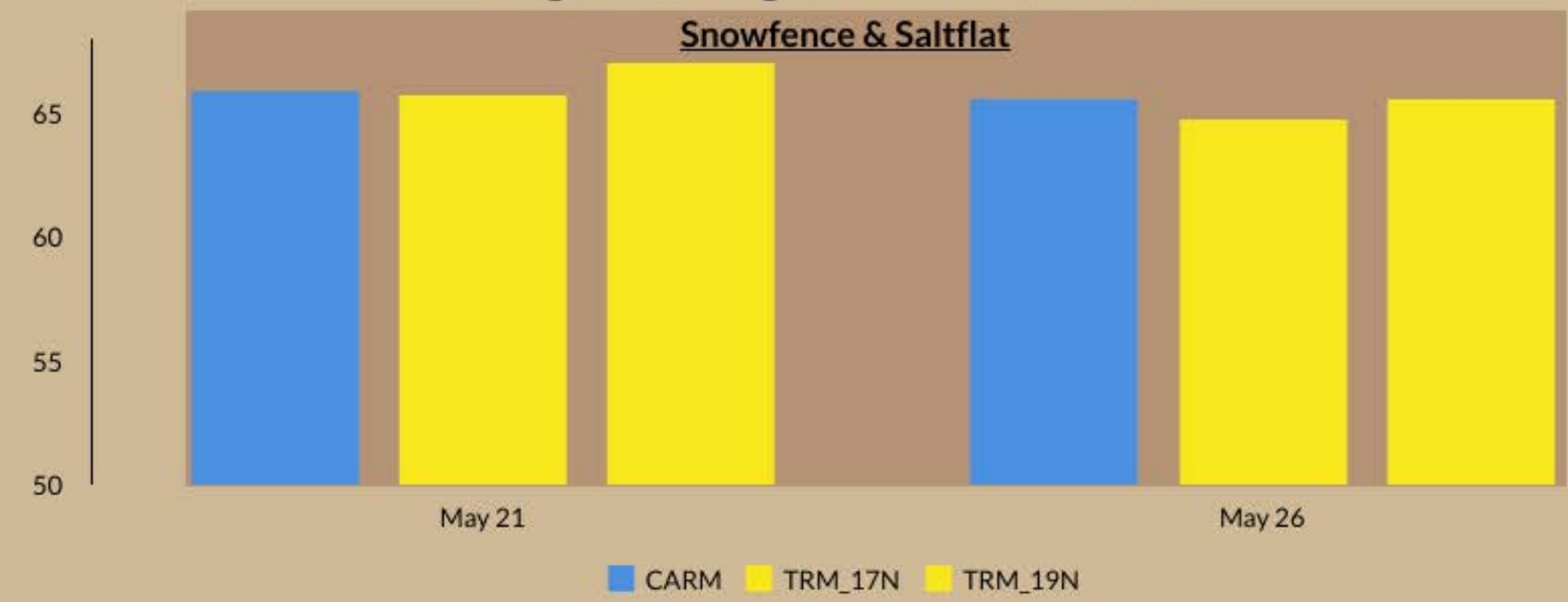
Elm

The Scoop on Poop

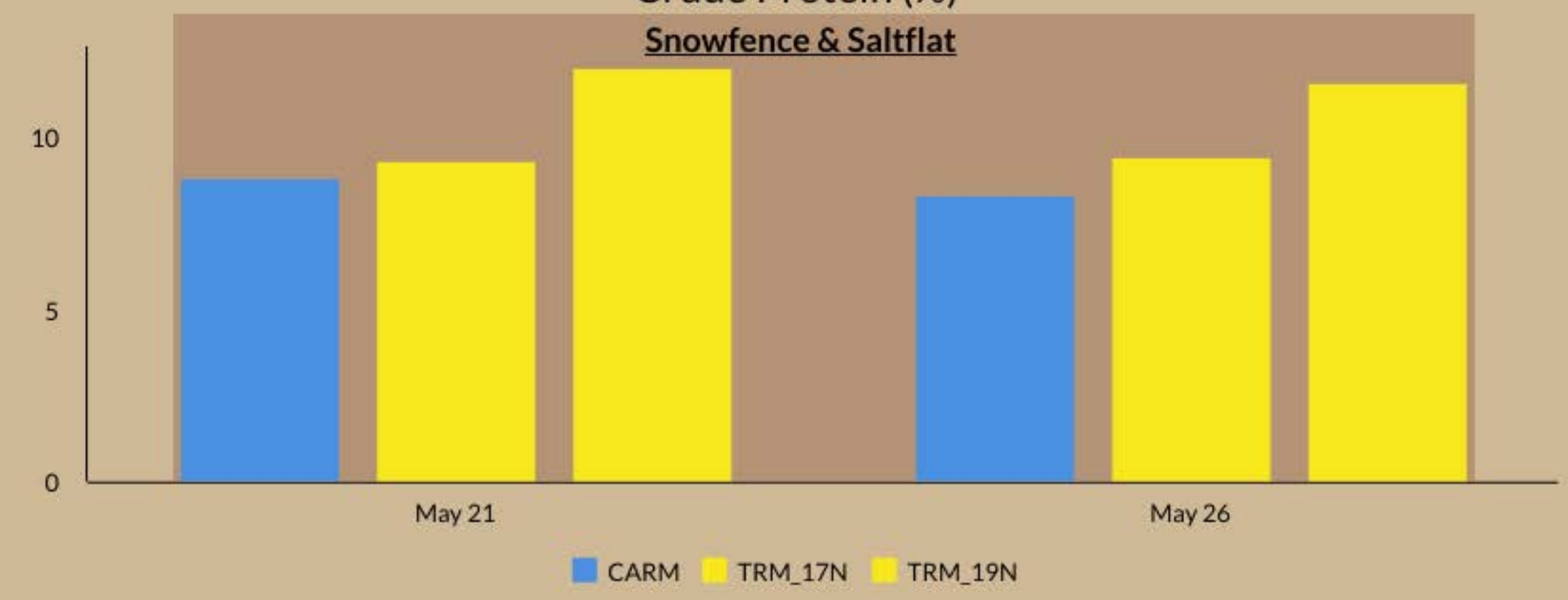
14-Day ADG



Digestible Organic Matter (%DOM)



Crude Protein (%)



Decision Recap

Stakeholders voted on some big changes this April!

Rotation 2:
Start Date: June 5 or 8 (if based on max days)
Max Days: 21 – 24
VOR: Average of both pastures, but report individual pasture VOR too (same as rotation 1)
244 in Saltflat and Elm (gate open)

Reduction in stocking density early in the year to improve cattle weight gain.
Move cattle out on day 45 (when changing collars)

	What we wanted to happen	What actually happened			
Pasture	Notes from April	Date In	Date Out	Trigger Used	Notes
1) Snowfence & Saltflat	Gates open between, Shoot for 21-24 days, measure VOR separate & use average to gauge veg trigger, cattle gains, 5/15 - 6/8	15-May	4-Jun	Max Days	
2) Saltflat & Elm	Gates open between, Shoot for 21-24 days, measure VOR separate & use average to gauge veg trigger, cattle gains, 6/8 - 6/29				
3.1) Crossroads	Reduce VO for MCLO (< 5cm) 6/29-8/10				
3.2) South	Reduce VO for MCLO (< 5cm) 6/29-8/10				
4.1) Highway	Reduce VO for MCLO (< 5cm) 8/10 - 9/21				
4.2) Hilltank	MCLO 8/10 - 9/21				
5.1) Nighthawk	9/21 - end of easeon				
5.2) Ridgeline	9/21 - end of easeon				
6) Headquarters	Rest				

June 4th, 2020 :: CARM :: Saltflat & Elm

Up & Coming

- Veg monitoring
- LTGI & GEM 28-Day Weigh
- Deploy Rumi-watch Halters

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

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

ALL access data!