Collaborative Adaptive Rangeland Management
Highlights of Happenings

Rainfall Totals

Total Rainfall
2020-06-21 to 2020-06-28

Rainfall Distribution

Drought Monitor
Grass-Cast
CPER Deluge - June 26, 2020

Received all this rain in about 3 hours!
What's in our cup?

That deluge topped the cup off real nice.
A detailed look at greenness across the station:

Relative greenness:
- Extremely high
- Above average
- Average
- Below average
- Extremely low

This is pre-deluge data. We'll have a greenness update soon!
South

Latest on the ground...

Forage (pounds per acre)

- Pasture Threshold
- South VOR

274 lbs/acre
1.1 cm
274 lbs/acre
1.1 cm

Latest on the ground...

Graph showing forage levels:
- Entry: 400 lbs/acre
- Week 1: Decrease to 300 lbs/acre
- Week 2: Further decrease

Legend:
- Pasture Threshold
- Crossroads VOR
Tech Note:

- Starting to green back up.
CARM's moves can be seen in their DOM/CP ratio!

**Digestible Organic Matter (%DOM)**

Snowfence & Saltflat

SF & Elm

XR & South

**Crude Protein (%)**

Snowfence & Saltflat

SF & Elm

XR & South
**Decision Recap**

Stakeholders voted on some big changes this April!

Rotation 4:
- **Start Date:** August 10
- **Max Days:** 42
- **VOR trigger:** same
- **CARM1 in Highway** and **CARM2 in Hilltank**

This should not negatively impact Fourwing saltbush. It should help reach shortgrass goals in Hilltank.

<table>
<thead>
<tr>
<th>Pasture</th>
<th>What we wanted to happen</th>
<th>What actually happened</th>
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<tbody>
<tr>
<td></td>
<td>Notes from April</td>
<td>Date In</td>
</tr>
<tr>
<td>1) Snowfence &amp; Saltflat</td>
<td>Gates open between, Shoot for 21-24 days, measure VOR separate &amp; use average to gauge veg trigger, cattle gains, 5/15 - 6/8</td>
<td>15-May</td>
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<tr>
<td>2) Saltflat &amp; Elm</td>
<td>Gates open between, Shoot for 21-24 days, measure VOR separate &amp; use average to gauge veg trigger, cattle gains, 6/8 - 6/29</td>
<td>4-Jun</td>
</tr>
<tr>
<td>3.1) Crossroads</td>
<td>Reduce VO for MCLO (&lt; 5cm) 6/29 - 8/10</td>
<td>18-Jun</td>
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<tr>
<td>3.2) South</td>
<td>Reduce VO for MCLO (&lt; 5cm) 6/29 - 8/10</td>
<td>18-Jun</td>
</tr>
<tr>
<td>4.1) Highway</td>
<td>Reduce VO for MCLO (&lt; 5cm) 8/10 - 9/21</td>
<td>1-Jul</td>
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<tr>
<td>4.2) Hilltank</td>
<td>MCLO 8/10 - 9/21</td>
<td>1-Jul</td>
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<tr>
<td>5.1) Nighthawk</td>
<td>9/21 - end of easeon</td>
<td>1-Jul</td>
</tr>
<tr>
<td>5.2) Ridgeline</td>
<td>9/21 - end of easeon</td>
<td>1-Jul</td>
</tr>
<tr>
<td>6) Headquarters</td>
<td>Rest</td>
<td>1-Jul</td>
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Up & Coming

- Virtual Pasture Tour - Date TBD (cast your vote in the doodle poll)
- CARM Data Day - Same day as the Virtual Tour!

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!