

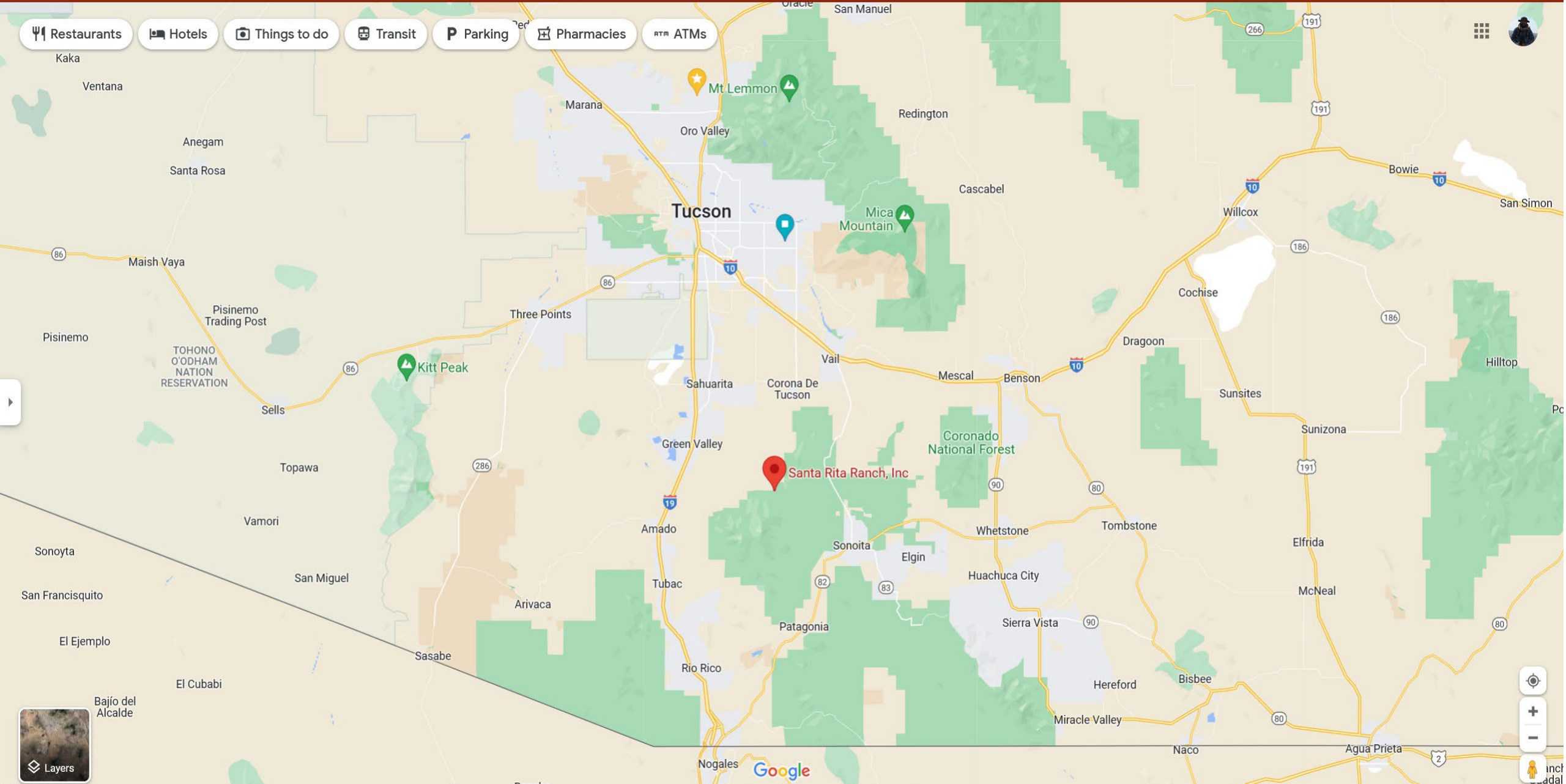


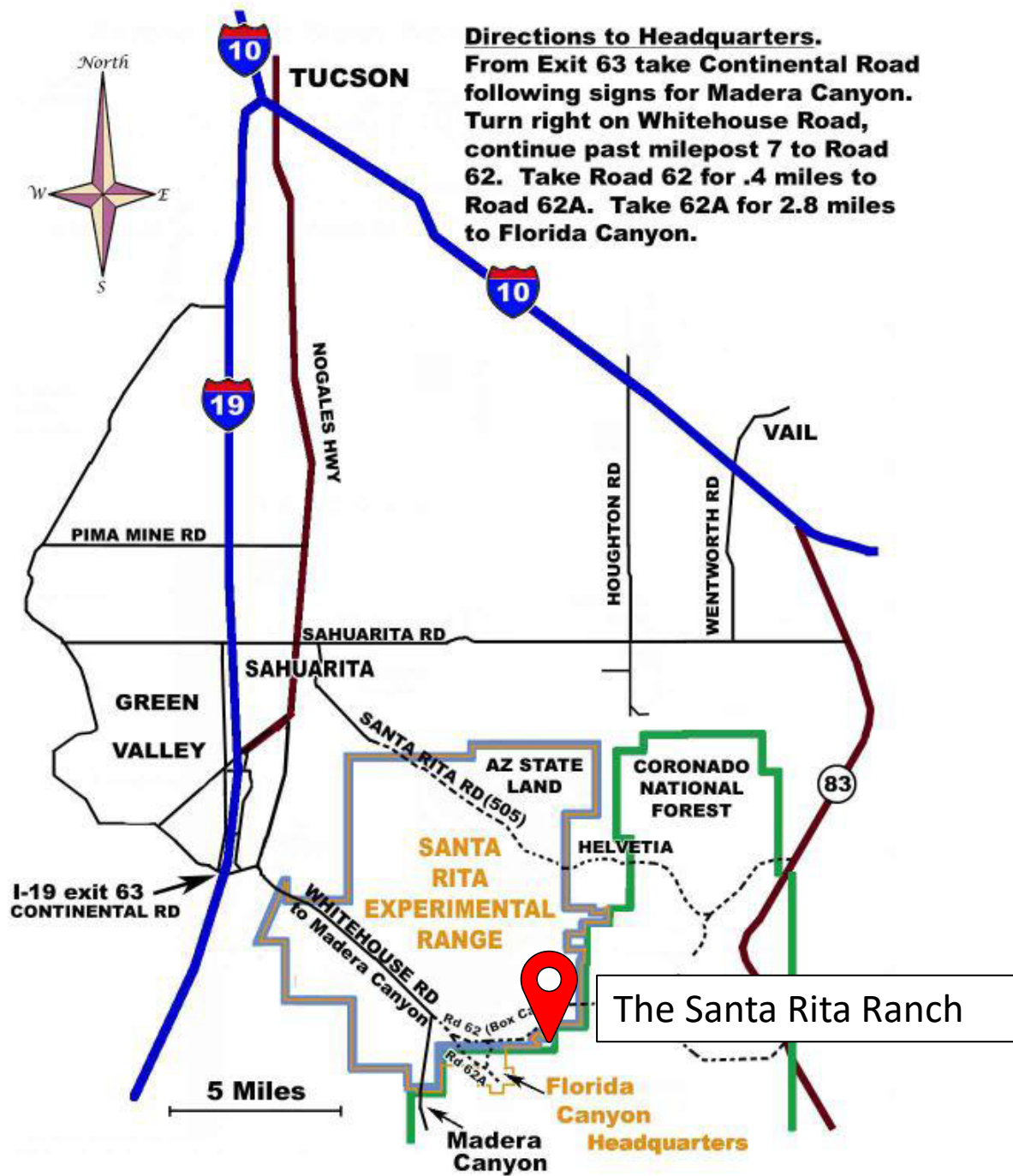
The Santa Rita Ranch

Andrew and Micaela McGibbon

Green Valley, AZ

- Restaurants
- Hotels
- Things to do
- Transit
- Parking
- Pharmacies
- ATMs









Family Operation

Challenges

- Damage to Natural Resources
 - Off-Road Vehicle Travel





Challenges

- Damage to Infrastructure
 - Cutting Fences

Challenges

- Damage to Infrastructure
 - Shooting Signs





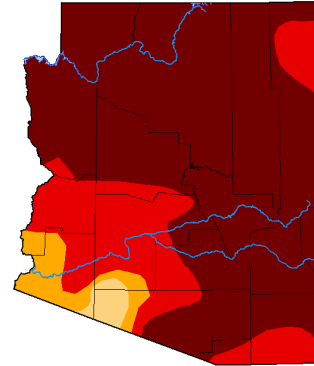
Challenges

- Damage to Infrastructure
 - Shooting Water Tanks

Challenges

- Unpredictable Precipitation

**U.S. Drought Monitor
Arizona**



December 29, 2020
(Released Thursday, Dec. 31, 2020)
Valid 7 a.m. EST

	Drought Conditions (Percent Area)					
	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	0.00	100.00	100.00	98.34	93.86	72.69
Last Week 12-24-2020	0.00	100.00	100.00	98.34	93.86	72.69
3 Months Ago 09-28-2020	0.00	100.00	100.00	93.97	89.95	3.37
Start of Calendar Year 01-01-2020	70.37	29.63	23.00	16.73	0.00	0.00
Start of Water Year 10-01-2019	0.00	100.00	100.00	93.97	89.95	3.37
One Year Ago 12-29-2019	70.37	29.63	23.00	16.73	0.00	0.00

Intensity:
 None
 D0 Abnormally Dry
 D1 Moderate Drought
 D2 Severe Drought
 D3 Extreme Drought
 D4 Exceptional Drought

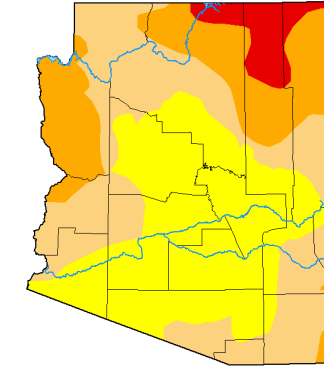
The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. For more information on the Drought Monitor, go to <https://droughtmonitor.unl.edu/About.aspx>

Author:
Adam Hartman
NOAA/NWS/NCEP/PCPC



droughtmonitor.unl.edu

**U.S. Drought Monitor
Arizona**



December 28, 2021
(Released Thursday, Dec. 30, 2021)
Valid 7 a.m. EST

	Drought Conditions (Percent Area)					
	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	0.00	100.00	69.92	26.20	5.08	0.00
Last Week 12-21-2021	0.00	100.00	75.93	34.11	8.95	0.00
3 Months Ago 09-28-2021	0.00	100.00	80.38	40.02	13.69	0.00
Start of Calendar Year 01-01-2021	0.00	100.00	100.00	98.34	93.86	72.69
Start of Water Year 10-01-2020	0.00	100.00	80.38	40.02	13.69	0.00
One Year Ago 12-29-2020	0.00	100.00	100.00	98.34	93.86	72.69

Intensity:
 None
 D0 Abnormally Dry
 D1 Moderate Drought
 D2 Severe Drought
 D3 Extreme Drought
 D4 Exceptional Drought

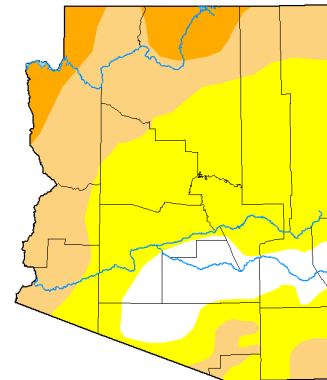
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Author:
Brad Pugh
CPC/NOAA



droughtmonitor.unl.edu

**U.S. Drought Monitor
Arizona**



December 27, 2022
(Released Thursday, Dec. 29, 2022)
Valid 7 a.m. EST

	Drought Conditions (Percent Area)					
	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	12.40	87.60	38.96	7.85	0.00	0.00
Last Week 12-20-2022	12.40	87.60	38.96	7.85	0.00	0.00
3 Months Ago 09-27-2022	0.00	100.00	56.72	18.47	0.00	0.00
Start of Calendar Year 01-01-2022	0.00	100.00	55.74	25.15	5.08	0.00
Start of Water Year 08-27-2021	0.00	100.00	56.72	18.47	0.00	0.00
One Year Ago 12-29-2021	0.00	100.00	60.92	26.20	5.08	0.00

Intensity:
 None
 D0 Abnormally Dry
 D1 Moderate Drought
 D2 Severe Drought
 D3 Extreme Drought
 D4 Exceptional Drought

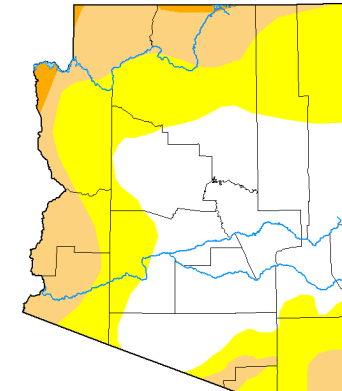
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Author:
Richard Heim
NCEI/NOAA



droughtmonitor.unl.edu

**U.S. Drought Monitor
Arizona**



January 31, 2023
(Released Thursday, Feb. 2, 2023)
Valid 7 a.m. EST

	Drought Conditions (Percent Area)					
	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	42.37	57.63	21.33	1.15	0.00	0.00
Last Week 01-24-2023	42.37	57.63	21.33	1.15	0.00	0.00
3 Months Ago 10-31-2022	0.00	100.00	46.83	12.78	0.00	0.00
Start of Calendar Year 01-01-2023	12.40	87.60	38.94	7.85	0.00	0.00
Start of Water Year 08-27-2022	0.00	100.00	56.72	18.47	0.00	0.00
One Year Ago 01-31-2022	0.00	100.00	56.71	25.80	5.08	0.00

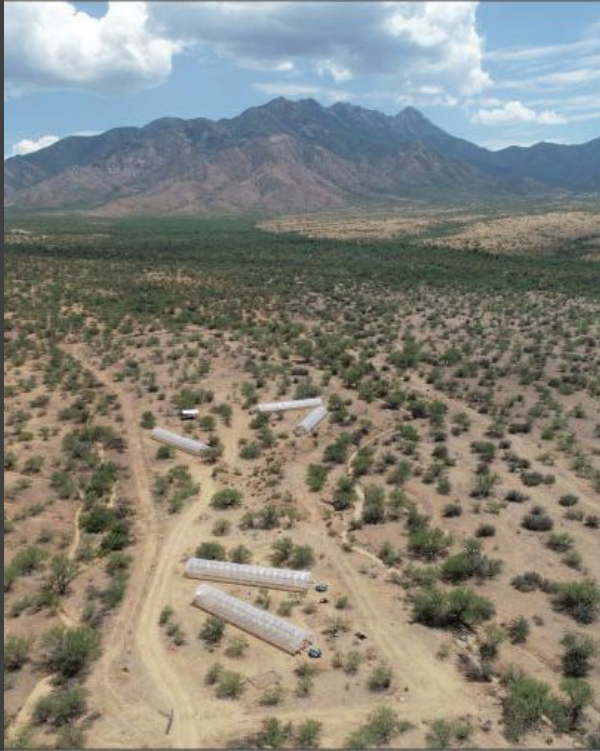
Intensity:
 None
 D0 Abnormally Dry
 D1 Moderate Drought
 D2 Severe Drought
 D3 Extreme Drought
 D4 Exceptional Drought

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Author:
Rocky Blotts
NCEI/NOAA



droughtmonitor.unl.edu



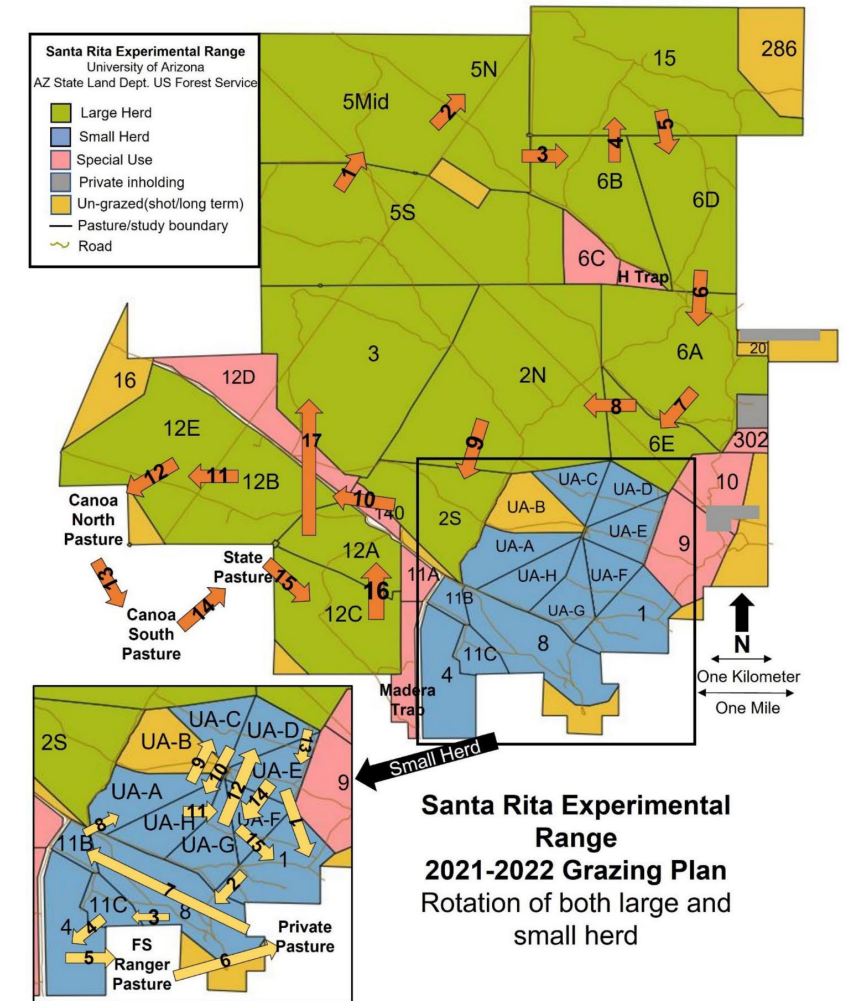
Challenges

- Working With Scientists

Grazing Management in Their Own Words



Map of Livestock Grazing Patterns for Two Herds on Santa Rita Experimental Range



Successes

- Collaborative Development of a Grazing Management Plan

Successes

- Range Monitoring Program





Successes

- Water for Wildlife

Contributions to Rangeland Management






Neck
Injection
Access



U.S. PATENT
7,770,542

Neck
Injection
Access

C1 A4 E

2022 Arizona Range Manager of the Year

Andrew and Micaela McGibbon

