

# CITIZENS FOR CONSERVATION

## FALL 2020-SPRING 2021 BURN SEASON



Despite all the challenges with COVID-19, CFC was able to perform one of our best burn seasons to date. We masked up and got out to get much needed fire across our preserves with a special focus on burning Flint Creek Savanna to stimulate seed source populations for upcoming projects.

*FCS – Golden Triangle Rob Neff*

### Lessons Learned:

- Continue to build out our communications. We now have 6 Midland radios and access to 7 Motorola radios. The two types of radios do not work with each other, so we should continue to acquire more of a single type of radio. Grant potential?
- Burning with the same group day after day makes for smoother fires and role responsibilities
- Savannas should continue to be thinned to avoid strange wind eddies
- UTV/Truck pumper unit is typically not a huge necessity, but when situations arise it is invaluable. We need to add to our equipment arsenal. Another grant/partnership potential?
- Larger units are better. More breathing room and less redeployment means more acres burned efficiently.
- Carving out new fire lanes breaks sheer pins. Stump/Flag obstacles prior to fire lane installation

### The numbers:

In total, we were able to burn 68 acres of restorations. This represents fire across 14% of all CFC land holdings, 19% of burnable acres (i.e. have enough fuel to carry a fire), or 24% of burnable and productive acres (i.e. not just burning cattails to burn cattails). The short-term goal is to burn 50% of all productive and burnable acres annually, roughly 140 acres. We will need to continue to improve our program while constructing more fire-maintained landscapes across the landholdings.

An interactive map of this year's burn units can be found here: <https://arcg.is/0PaKzb>

SITE	UNIT	DATE	WIND DIRECTION	WIND SPEED	RH	TEMP	Acres
GRIGSBY		11/5/2020	SW	10	51	69	26.36325
FLINT CREEK SAVANNA	GOLDEN TRIANGLE	11/12/2020	SSW	10	50	53	2.717938
FLINT CREEK SAVANNA	GRAND PRAIRIE	12/1/2020	NW	13	52	35	10.40135
FLINT CREEK SAVANNA	MIKE'S GROVE	12/3/2020	WSW	14	52	40	2.33422
CRAFTSBURY	EAST PRAIRIE	3/12/2021	NW	11	34	51	3.160683
FLINT CREEK SAVANNA	PENINSULA	3/12/2021	NW	11	34	51	4.835476
FLINT CREEK SAVANNA	DELTA	3/19/2021	ENE	13	33	45	5.896444
CRAFTSBURY	OLD FIELD	3/19/2021 20:08	ENE	13	33	45	0.949193
CRAFTSBURY	SEDGE MEADOW	3/19/2021 20:15	ENE	13	33	45	0.307944
FLINT CREEK SAVANNA	SOUTH	3/22/2021 17:38	SW	13	40	65	5.792378
FLINT CREEK SAVANNA	SOUTH	3/22/2021 17:43	SW	13	40	65	0.697763
FLINT CREEK SAVANNA	ORIGINAL GROVE	4/1/2021 21:57	NNW	14	30	35	4.677734



None of this is possible without our burn crew who puts in the hard work needed to perform these burns safely and efficiently. We are always looking to continue to expand our knowledge base and build out more torch operators and line bosses. Please help us continue to grow by providing feedback and/or expressing interest in participating in burns.





*Flint Creek South    Cliff Schultz*



*FCS - Peninsula    Steve Barten*