

Prescribed Burn Associations

The missing link for prescribed fire on private land





Photo Credit: MDC



Photo Credit: Justin Trent

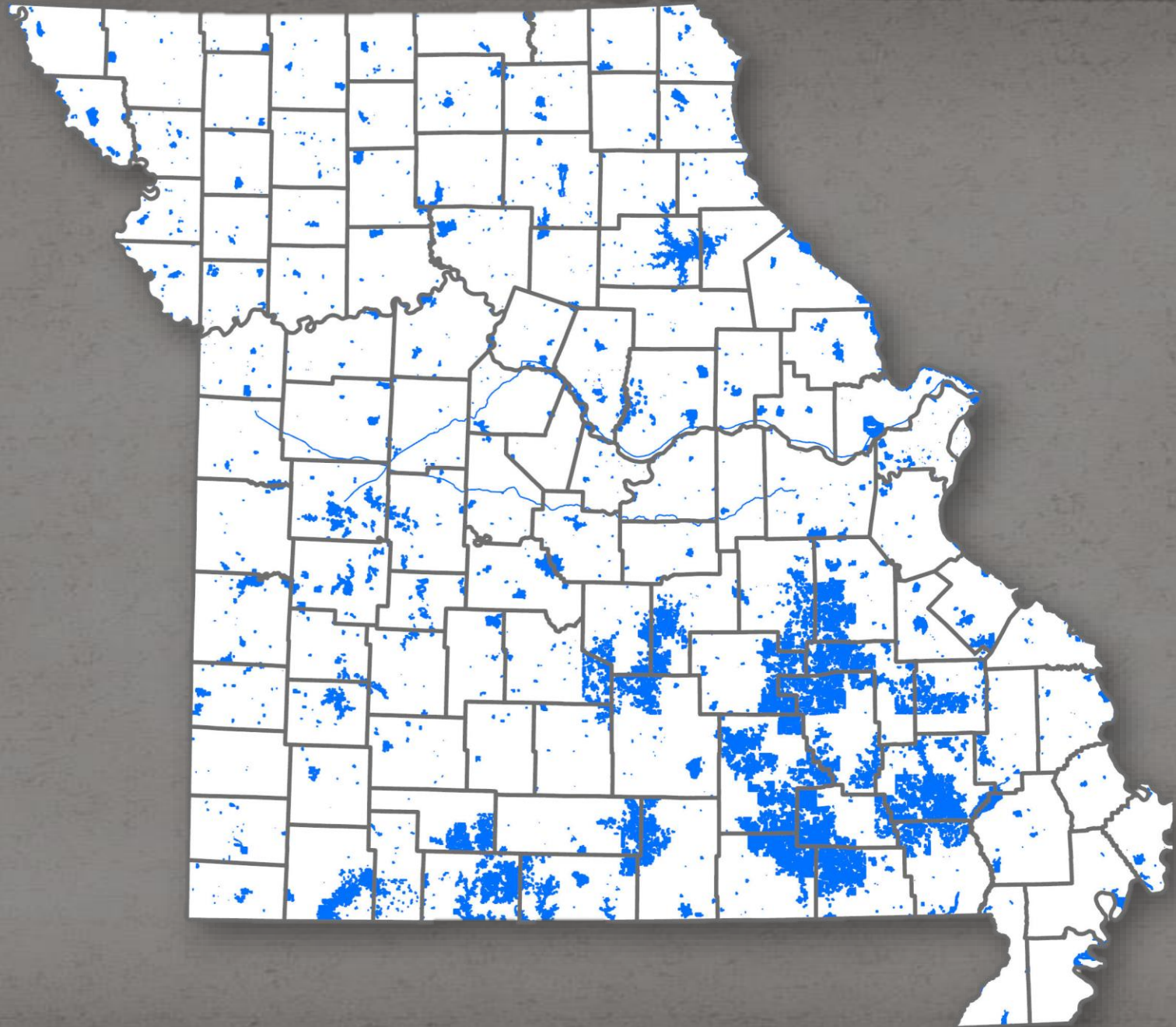












Hurdles for prescribed fire



- Knowledge
- Experience
- Training
- Equipment
- People-power



Firefighter in yellow jacket and camouflage pants, standing with hands on hips.

Firefighter in yellow jacket and khaki pants, holding a rake.

Firefighter in grey long-sleeve shirt and blue pants, holding a rake.

Firefighter in yellow jacket and khaki pants, holding a rake.

Firefighter in yellow jacket and blue pants, holding a pitchfork.

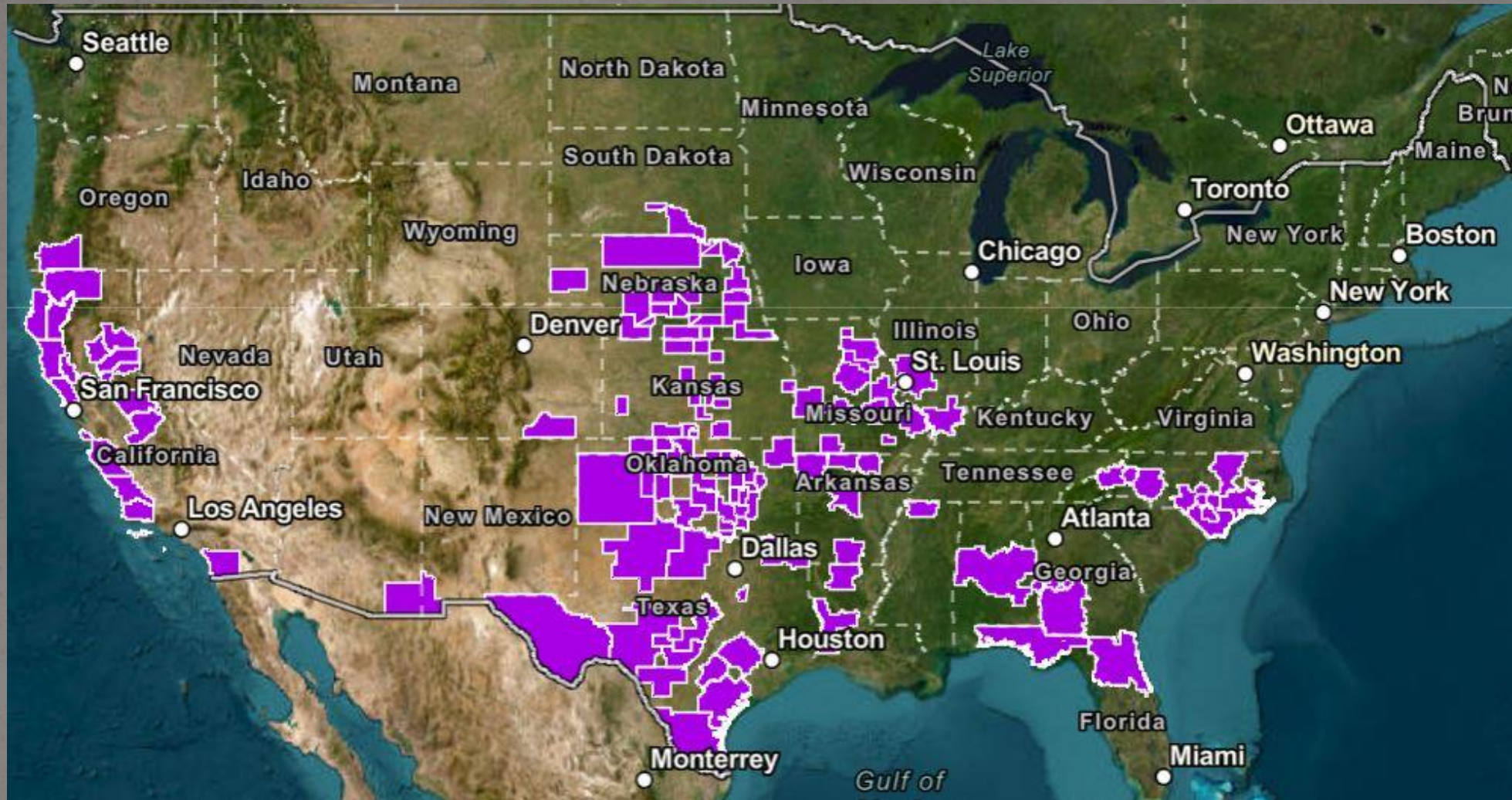
PURE SEAL DOUBLE BOTTOM DRIFF TORCH

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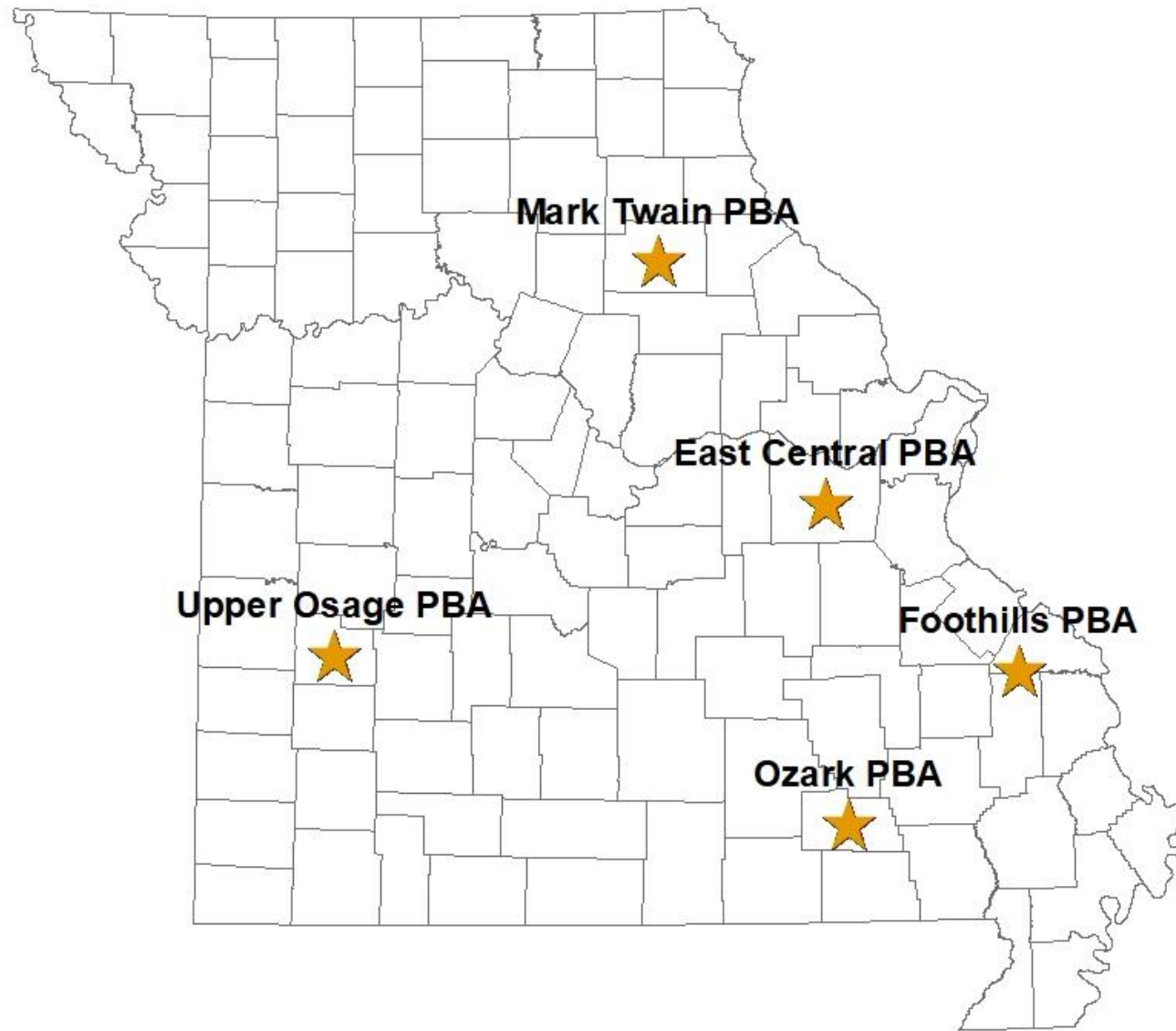
What is a PBA

- Community-led
- By-laws and guidelines
- Missouri nonprofit
- Board of Directors
- Membership

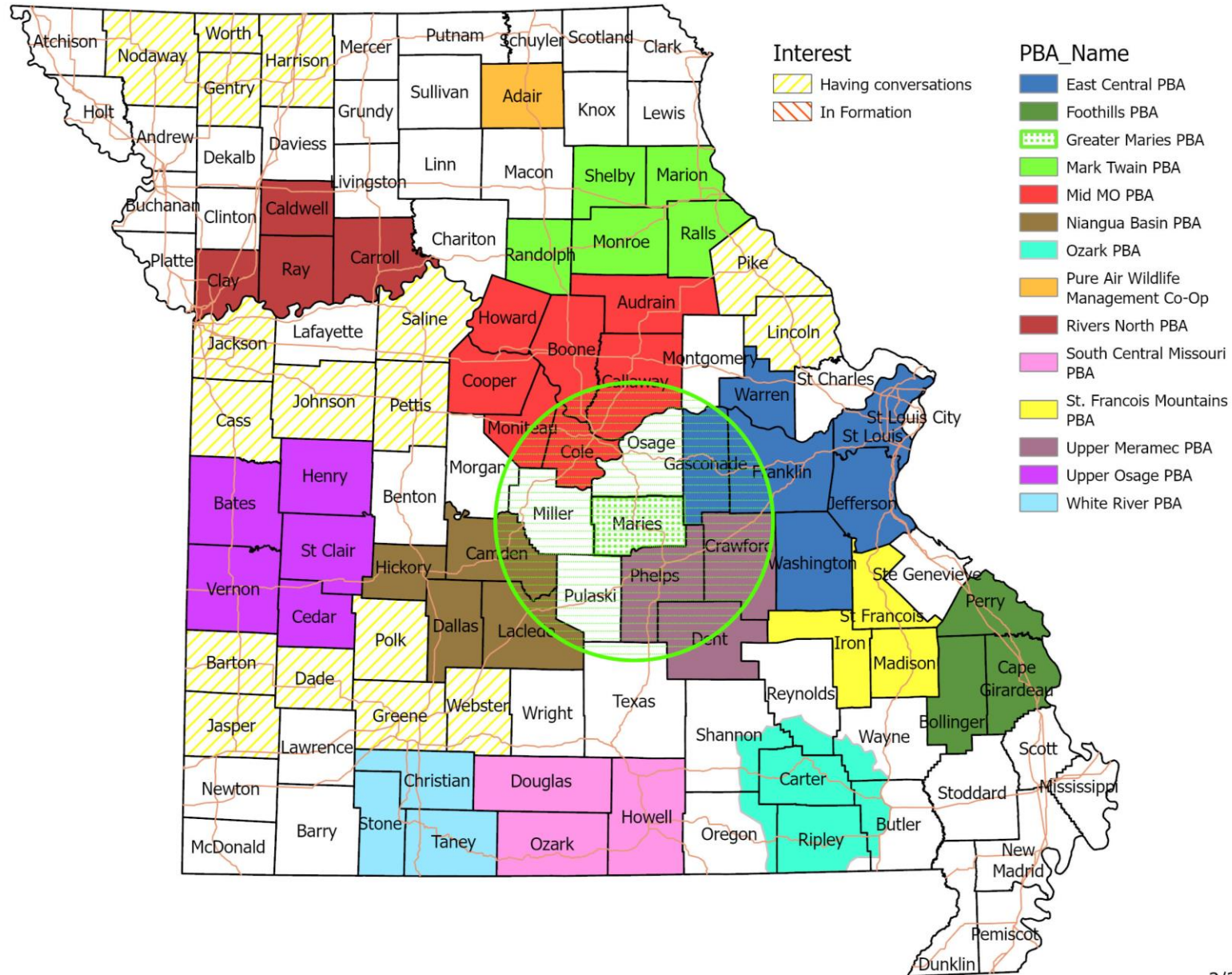




Missouri Prescribed Burn Associations



Missouri Collaborative Burning



Missouri Collaborative Burning - Acres Impacted

Name	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	Total
East Central PBA		447	295	147	20	63.2	156	25.2	102	101	1,356.0
Foothills PBA							104	141	131	96	471.2
Greater Maries PBA										12.7	12.7
Mark Twain PBA	59.9	212	216	221	102	162	83.5	258	207	-	1,521.5
Mid MO PBA									253	318	571.2
Niangua Basin PBA									9.5	42	51.5
Ozark PBA	122	286	74	49	20	0	60	45	15	15	686.0
Pure Air Wildlife Mgmt Co-Op						861	847	680	-	-	2,388.0
Rivers North PBA										27.8	27.8
South Central Missouri PBA									-	51	51.0
St Francois Mountains PBA										-	-
Upper Meramec PBA									40	78.5	118.5
Upper Osage PBA						5	646	434	52	28.5	1,165.5
White River PBA									-	-	-
									Total		8,420.9

Community Leadership

- Shared lift to steer the PBA
- Elected Board of Directors
 - President
 - Vice-President
 - Secretary/Treasurer
 - (2-4) Board Members
- Technical Advisors



Photo Credit: Lisa McBrayer

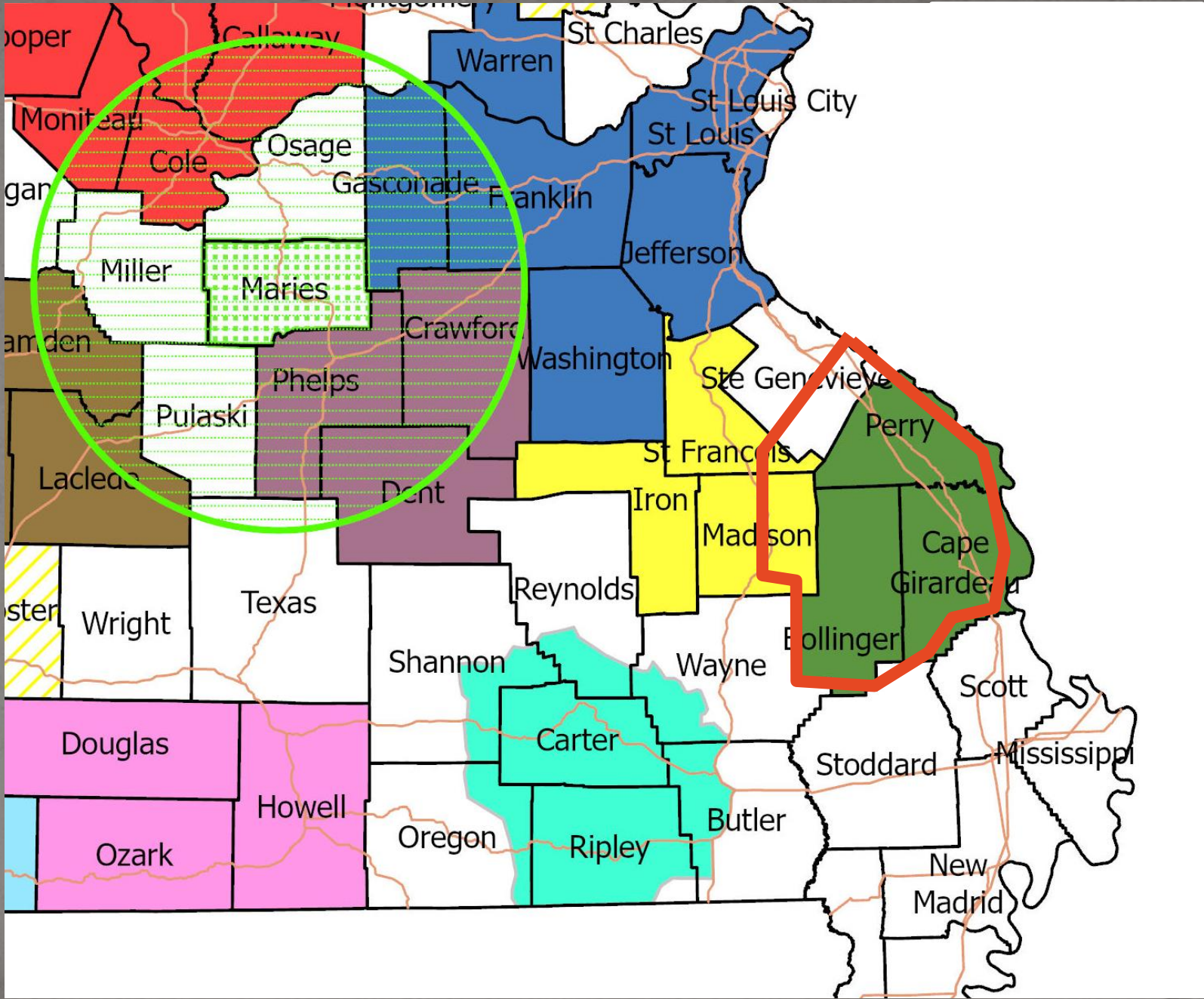
Membership to receive assistance



- Dues - \$25-50/year
- Having once completed training
- Participate on 1-2 PBA member's burns



Photo Credit: Mark Twain PBA



Equipment

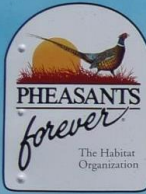


Photo Credit: Trevor Day



Equipment





MOBILE PRESCRIBED BURN UNIT

ENHANCING WILDLIFE HABITAT WITH FIRE

IN PARTNERSHIP WITH



MARK TWAIN

PRESCRIBED BURN ASSOCIATION



Pro DeZigns.com
CUSTOM VEHICLE WRAPS

Photo Credit: Kim Cole



Photo Credit: East Central PBA

**PRESCRIBED
BURN AHEAD
DO NOT
REPORT**





Photo Credit: Kim Cole



Photo Credit: Kim Cole



Photo Credit: Lisa McBrayer

Typical Process to Burn

1. Submit burn plan and added to project list
 - First come/first ready for members and/or by weather
2. Firebreak inspection prior to day of burn
3. Reserve/checkout equipment
4. Send notification to membership

Foothills PBA Prescribed Burn Plan

Landowner/Burn Boss: Phone #:

Address:

Local Sheriff Dispatch Phone #:

Burn Unit Details Burn Unit Number/Name:

Dominant Plant Community: (Check all that apply)
 Prairie/Grassland Old Field Woodland/Forest Glade/Woodland

Acres: Burn Timing: % Slope: Aspect:

Burn Objective:

<input type="checkbox"/>	Stimulate Warm Season Grass (WGS) (1-3" new growth)	<input type="checkbox"/>	Reduce Wildfire Hazard
<input type="checkbox"/>	Control Woody Plants (full leaf)	<input type="checkbox"/>	Stimulate Forbs
<input type="checkbox"/>	Stimulate Cool Season Grass (CSG) (1-3" new growth)	<input type="checkbox"/>	Reduce CSG Growth (1-3" new growth WGS)
<input type="checkbox"/>	Distribute Grazing (1-3 " new growth)	<input type="checkbox"/>	Remove litter / Create Bare Ground

Prescribed Weather Conditions

5-15 mph winds with humidity levels between 30-55% and cloud cover <30%. temperature 40-75, mixing height of at least 500m, ventilation rate of at least 6000m³/sec. Check NOAA fire weather forecast (<https://www.weather.gov/lx/fire>).

Planned Wind Direction: Suitable Wind Directions: Preferred % RH:

Firebreaks **Number of Personnel Needed:**

Firebreak width will be two times the height of the adjacent vegetation

Type of Firebreak:	Width in Feet
Disked / Plowed:	<input type="text"/>
Close Mowed:	<input type="text"/>
Cool Season Grass:	<input type="text"/>
High Mowed Intensity Reduction:	<input type="text"/>
Other Firebreaks i.e. raked, black lines:	<input type="text"/>

Tools / Equipment: (check equipment required and state numbers of tool needed)

<input type="checkbox"/>	100-300 gallon backup water supply with pump, 100 ft. of hose and hand wand	<input type="checkbox"/>	Cell Phone
<input type="checkbox"/>	ATV/UTV w/ Sprayer (hose and hand wand)	<input type="checkbox"/>	Radios
<input type="checkbox"/>	Drip Torch(es)	<input type="checkbox"/>	Broom Rake(s)
<input type="checkbox"/>	Backpack Sprayer(s)	<input type="checkbox"/>	Wire Cutters
<input type="checkbox"/>	Flapper(s)	<input type="checkbox"/>	Chain Saw(s)
<input type="checkbox"/>	Blower(s)	<input type="checkbox"/>	Traffic Signs

Day of Burn







Photo Credit: Foothills PBA



Photo Credit: East Central PBA





How can you plug into PBA efforts?

- Reach out to them
- Engage as you see fit
- Join as a member
- Be a mentor
- Promote the PBA model and awareness

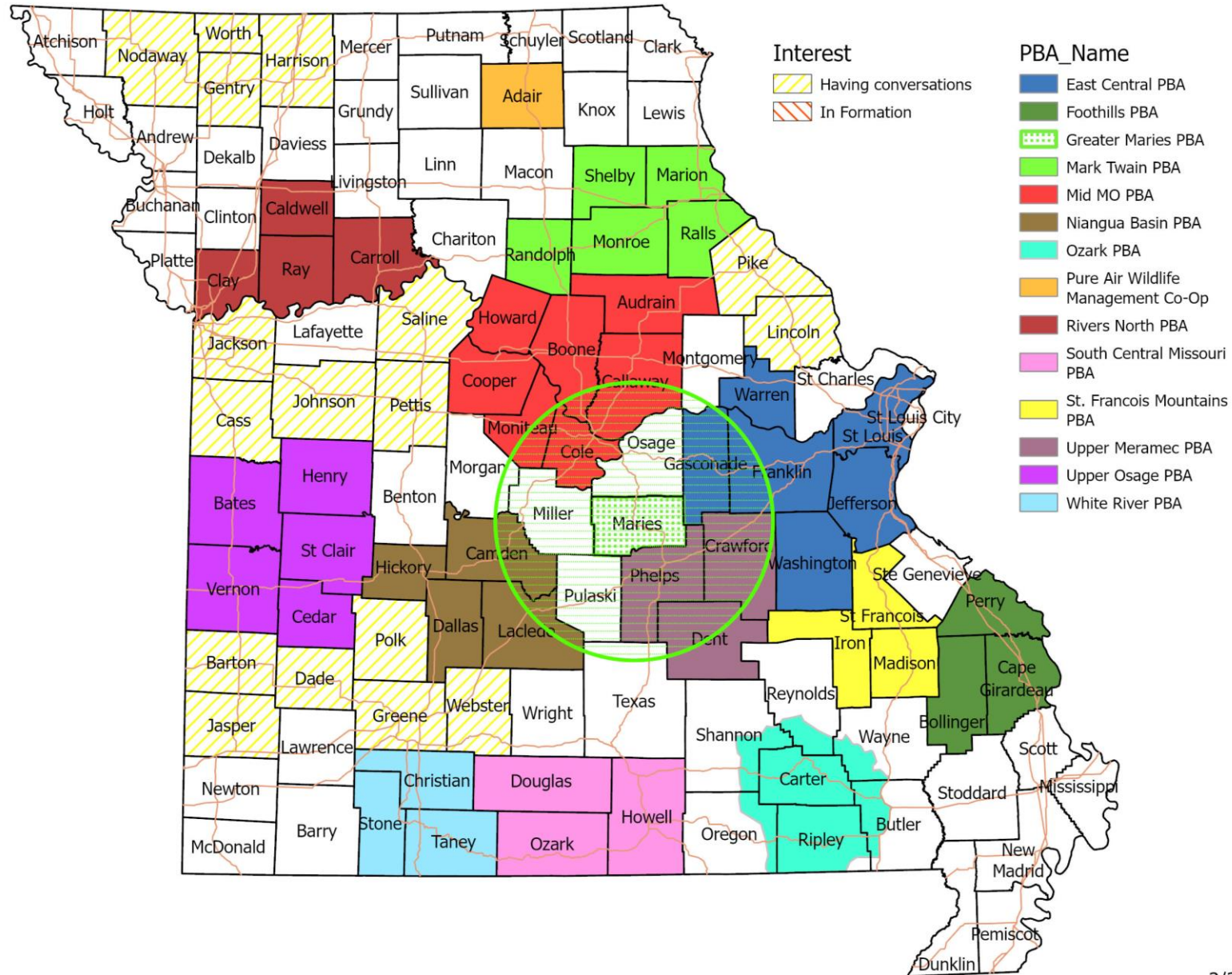


There's not a PBA near me. How do I start one?

- [Moprescribedfire.org/pba-resources](https://moprescribedfire.org/pba-resources)
 - Quick Start Guide
 - Startup Road Map
 - Resources and Documents Folder
 - Plug and play templates available
- Reach out to your family, friends, neighbors, and local technical provider



Missouri Collaborative Burning



Thank You!

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