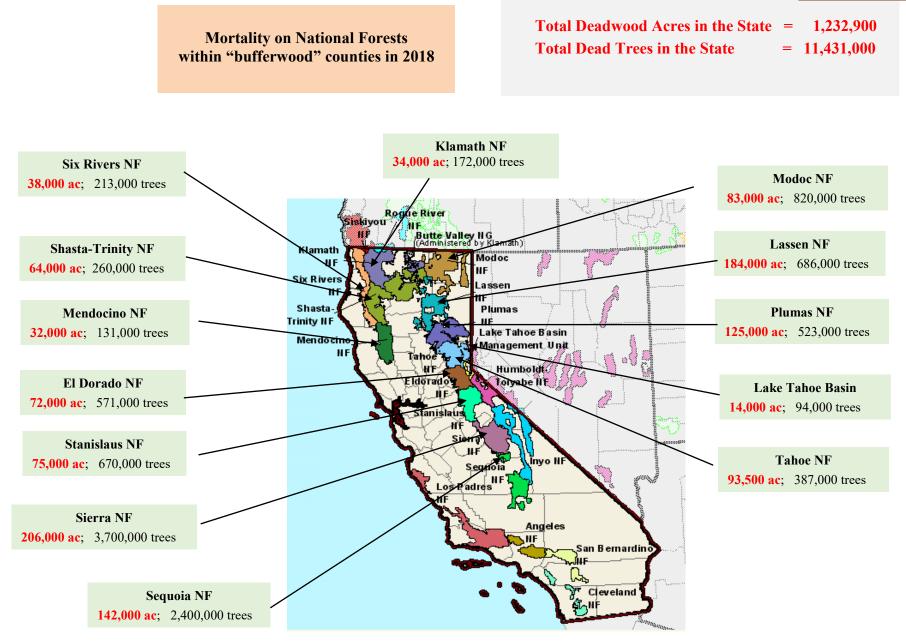
Figure A



Figure B





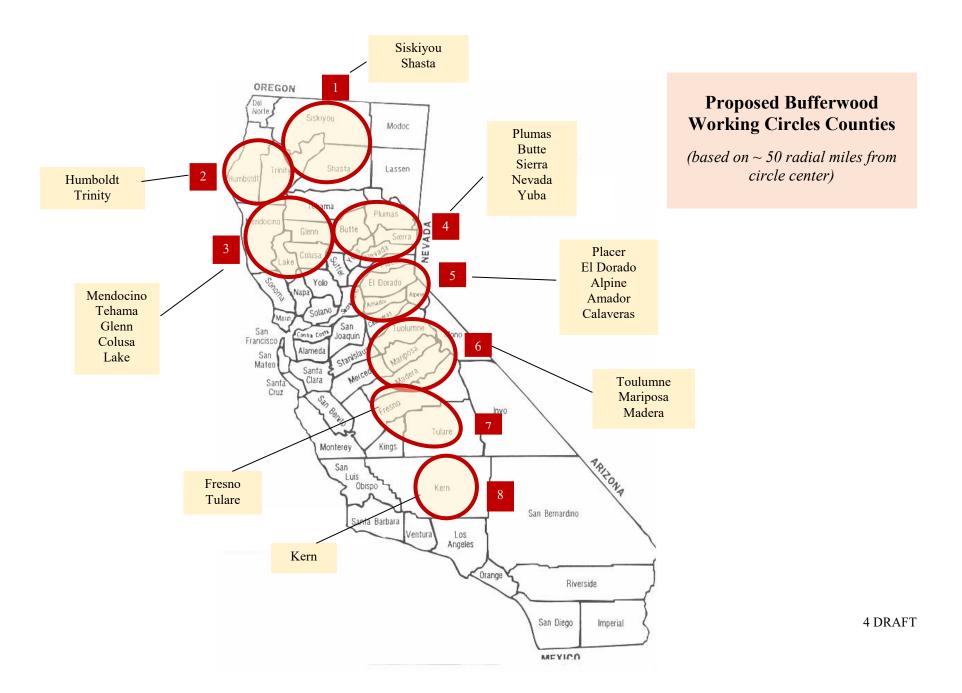
Proposed "Bufferwood" Counties

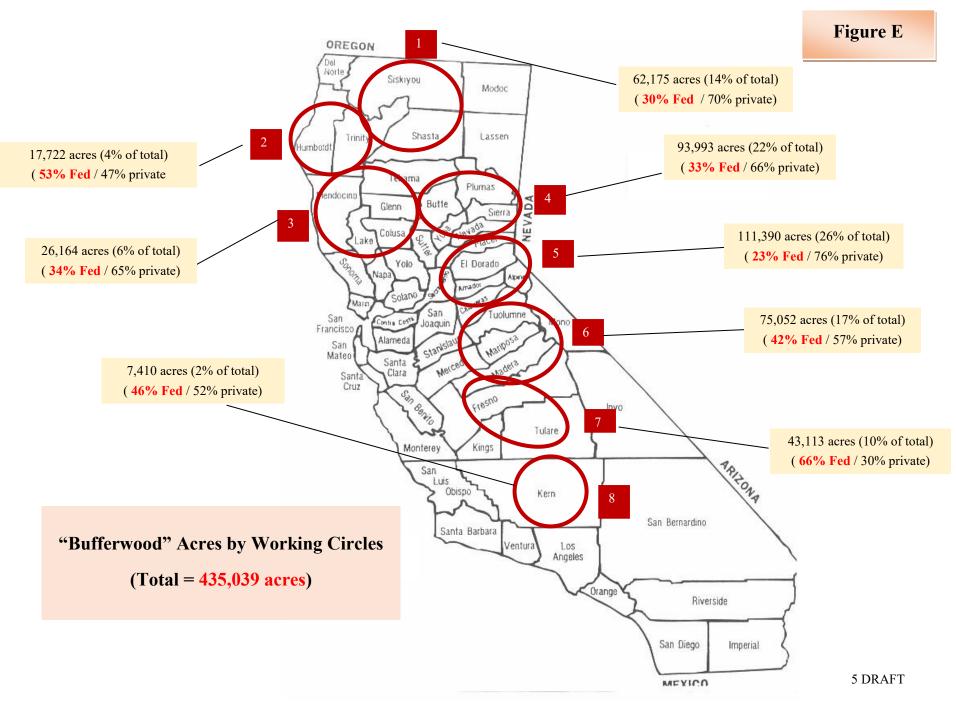
HHZ Tier 1 acres "Bufferwood" Initiative Counties

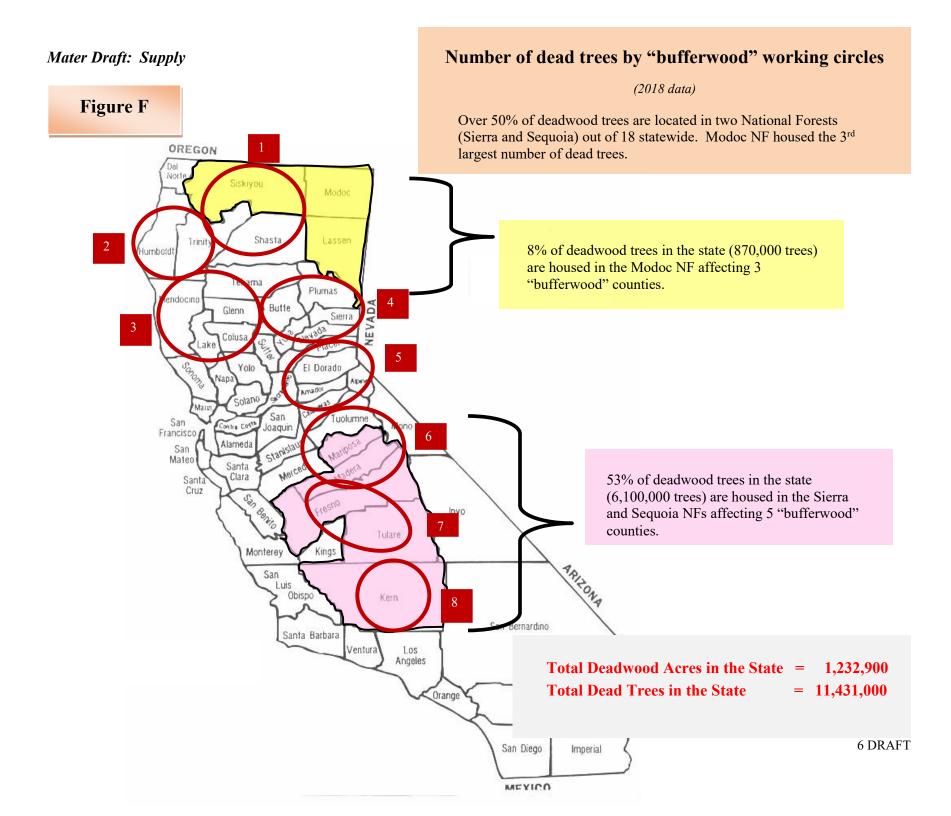
- ➤ 435,039 forested acres in buffer
- \geq 25 counties
- ➢ 35% federal acres
- ➢ 64% private acres
- \succ 1% state acres
- Focus is on <u>forest-designated acres</u>
- Buffer = 300' setback each side from centerline of currently open, improved roads.

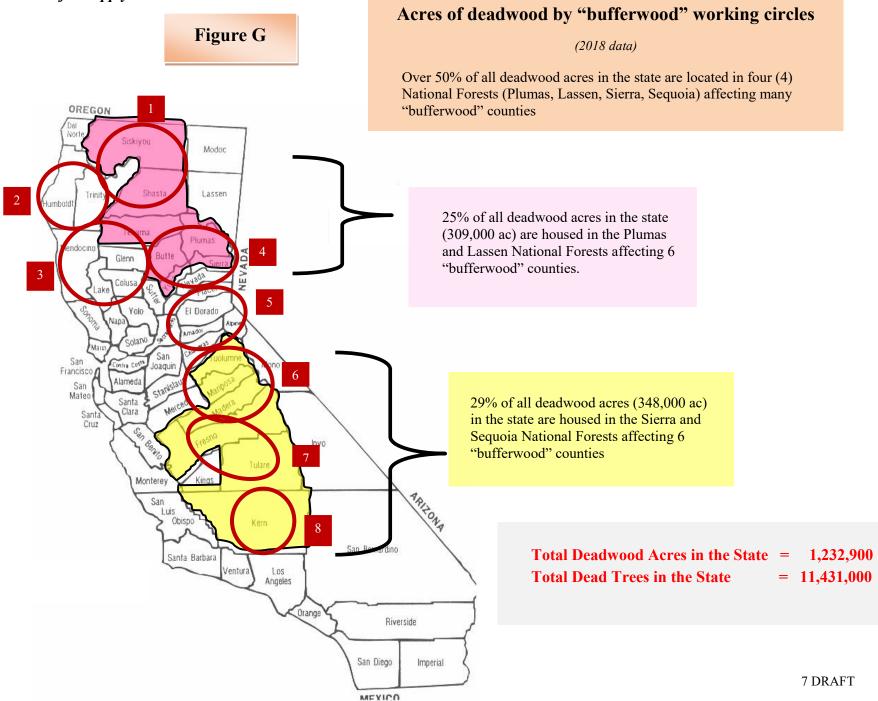
GIS mapping data for proposed "Bufferwood" Initiative accessible at <u>www.databasin.org</u>. (search "Bufferwood") then click on "Bufferwood: High Hazard Forests, Road Adjacent, CA Raster)".

Figure D

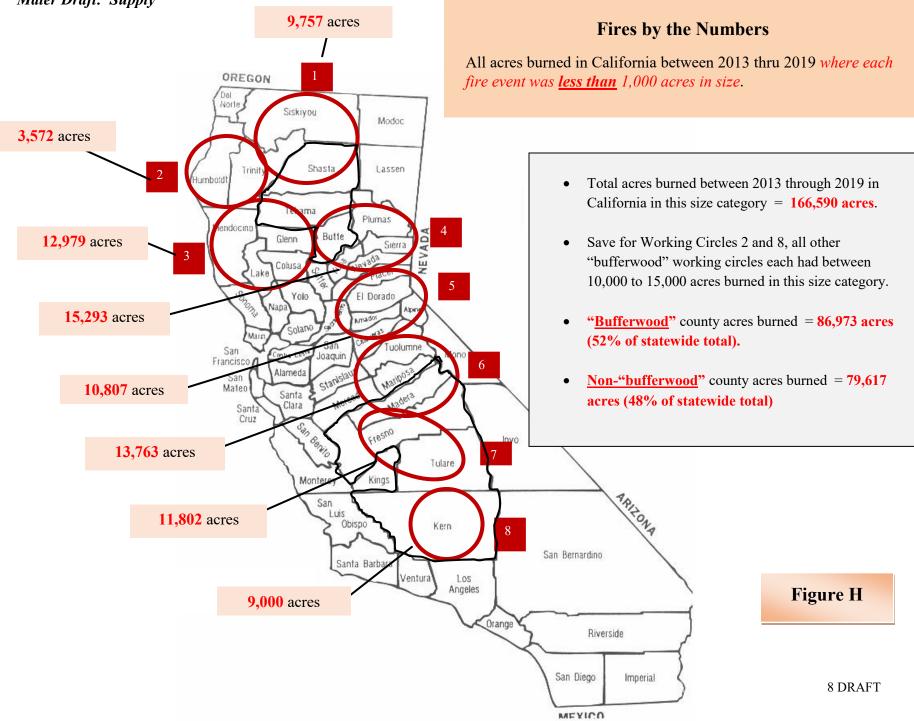








Mater Draft: Supply



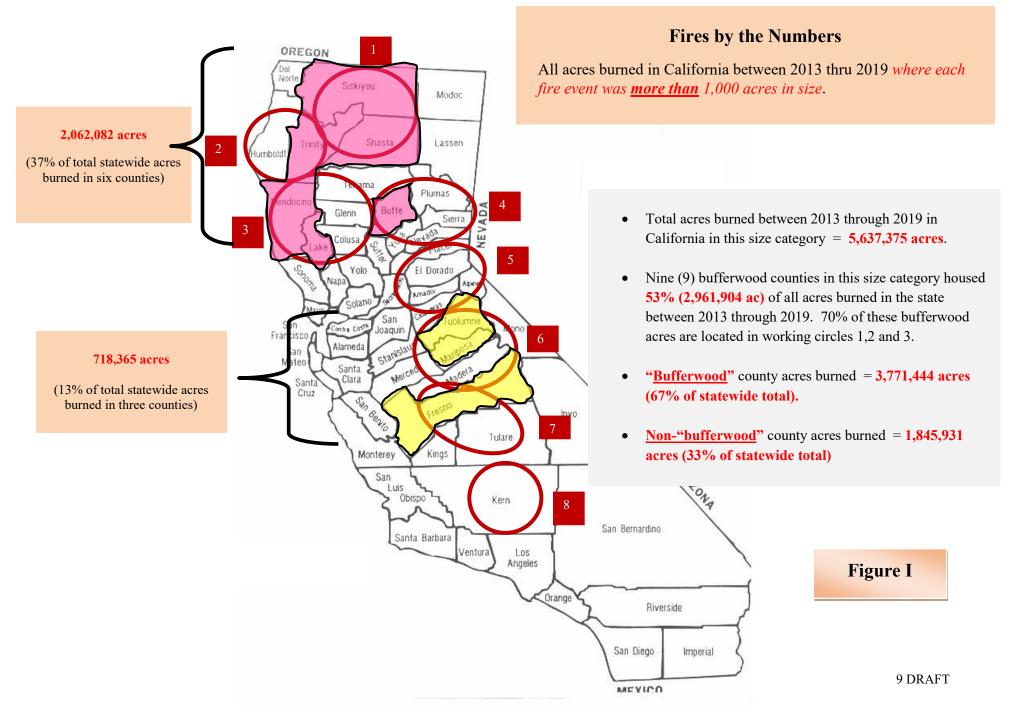


Figure J

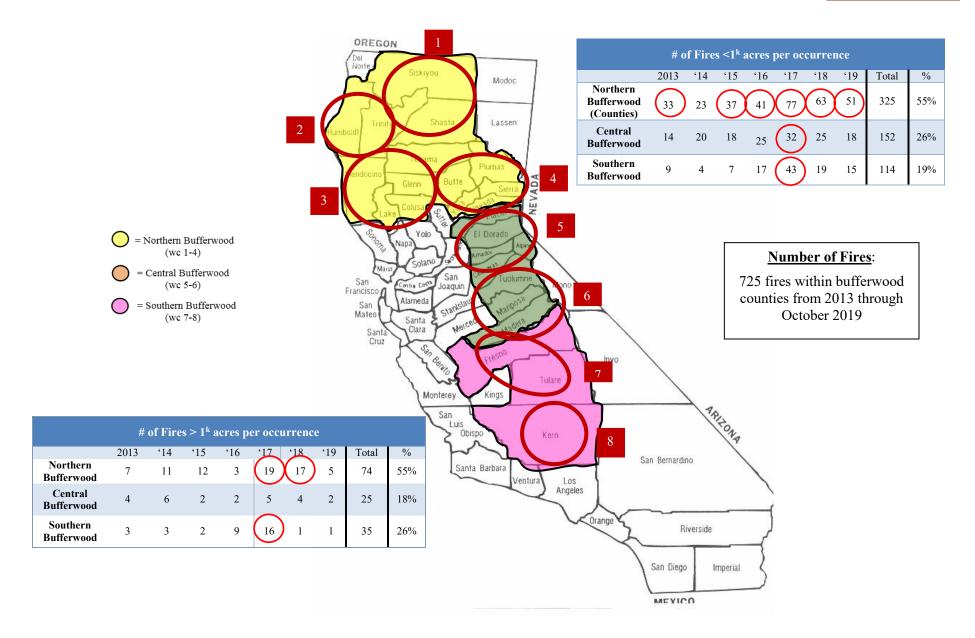
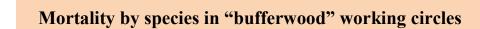


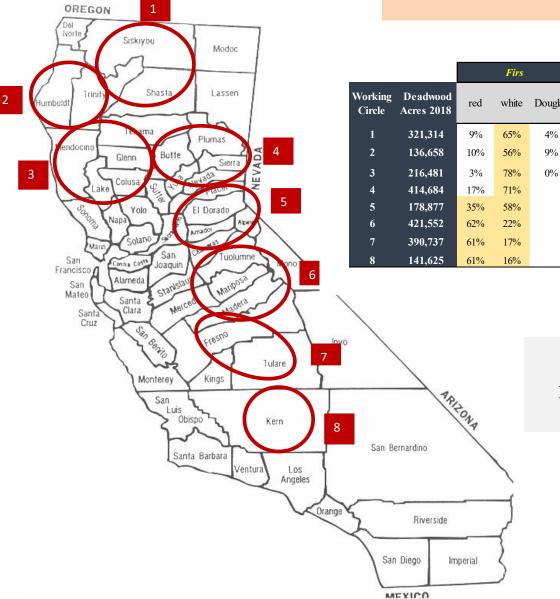
Figure K



(2018 data)

Worl Cire		Deadwood Acres 2018	red	white	Douglas	jeffrey	ponderosa	lodgepole	other	tan oak	National Forests
1		321,314	9%	65%	4%	13%	1%	4%	0%	3%	Lassen, Shasta-Trinity, Six Rivers, Klamat
2	2	136,658	10%	56%	9%	5%	12%	0%	1%	7%	Mendocino, Shasta-Trinity, Six Rivers
3	;	216,481	3%	78%	0%	3%	14%	1%	1%		Lassen, Mendocino
4	ļ	414,684	17%	71%		3%	8%	1%			Lassen, Plumas, Lake Tahoe, Tahoe
5	5	178,877	35%	58%		3%	3%	1%			El Dorado, Lake Tahoe, Tahoe
6	5	421,552	62%	22%		8%	6%	2%			Sierra, Inyo, Stanislaus
7	7	390,737	61%	17%		9%	5%	4%	4%		Sierra, Inyo, Sequoia
8	3	141,625	61%	16%		14%	6%	3%			Sequoia

Based on mortality, key focus should be on product applications for <u>red fir</u> and <u>white fir</u>, and to a lesser extent <u>ponderosa pine</u>.

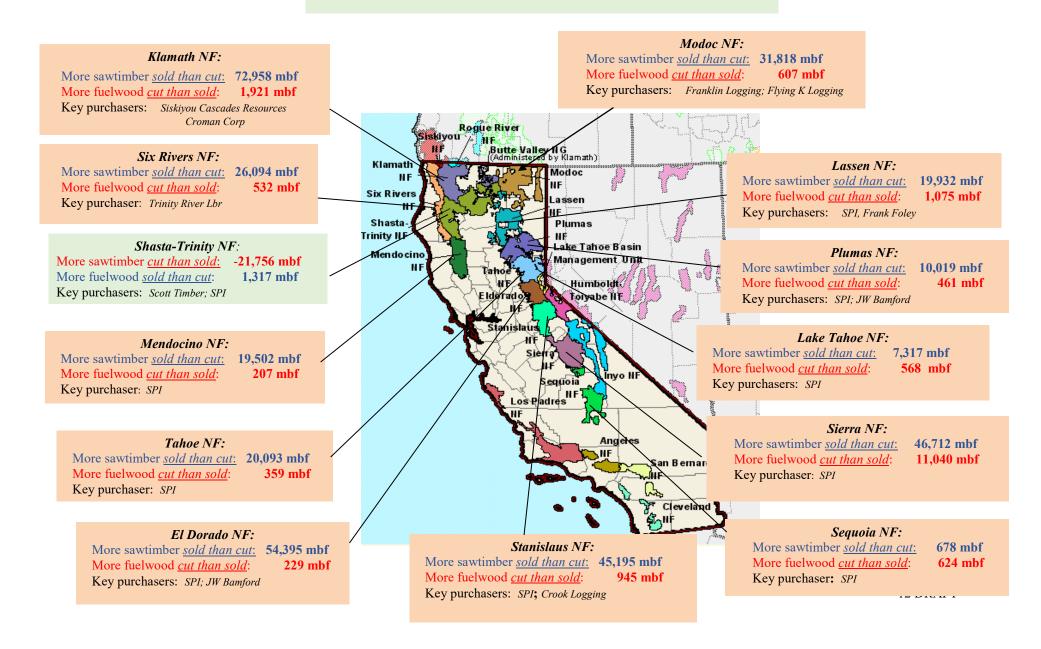


11 DRAFT

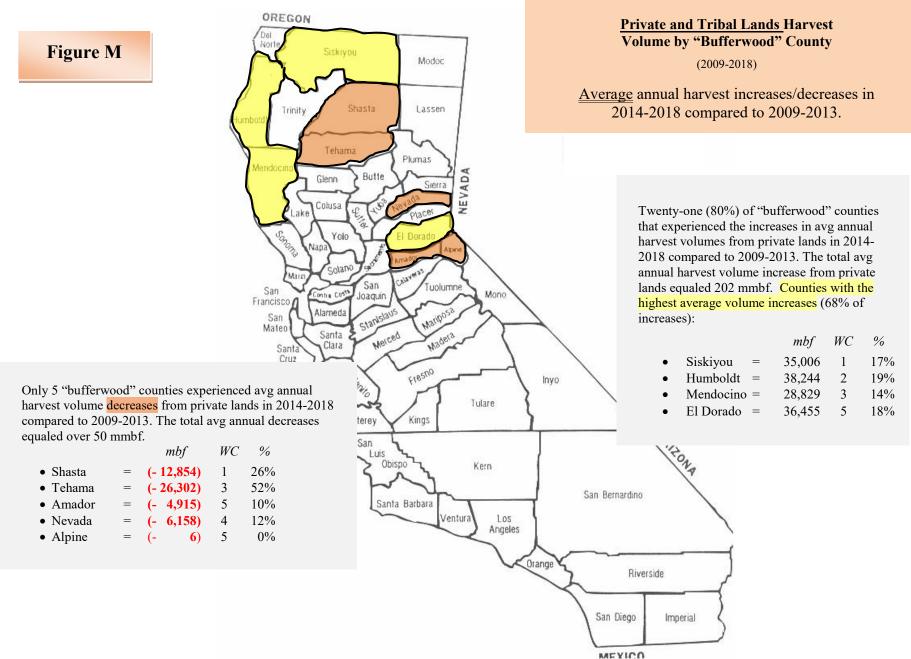
Mater Draft: Supply

<u>Net cumulative</u> sawtimber and fuelwood volume (mbf) sold and cut in CA National Forests housed in "Bufferwood" counties during 2009 thru 2018

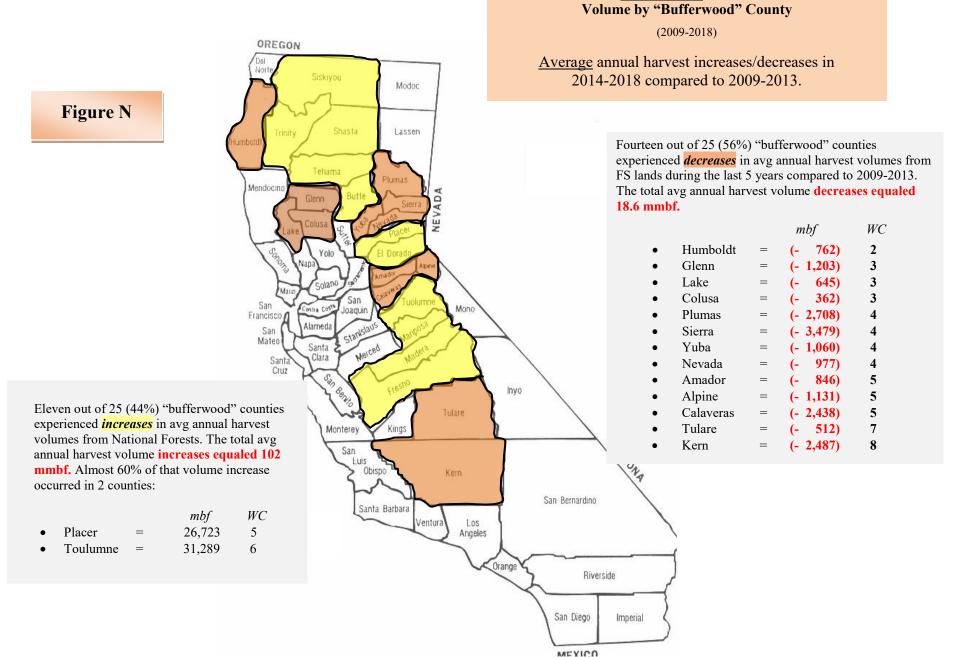
(Total 10-yr cumulative <u>sawtimber sold but not cut</u> = 355 mmbf) (Total 10-yr cumulative fuelwood volume cut but not sold = 19 mmbf) **Figure L**



Mater Draft: Supply



13 DRAFT



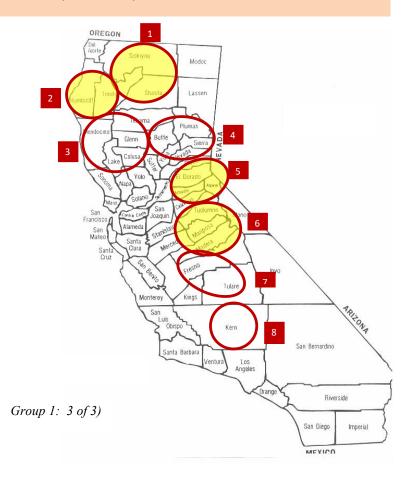
USFS Lands Harvest

Figure O

Mater Draft: Supply

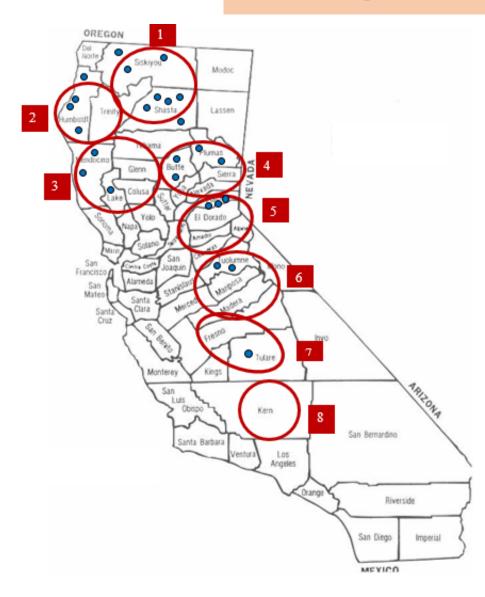
<u>Best bets</u> in "bufferwood" working circles for <u>added</u> future timber supply:

- Charts to the right show total average annual increases in harvested volumes for 2014-2018 compared to 2009-2013 in "bufferwood" counties within working circles.
- Assuming 2020-2024 avg annual harvest volumes equals an additional 50% above the percentage increases in avg annual harvest volumes that occurred in each working circle during the second half decade, best bets for increased supply are from four "bufferwood" working circles (1,2,5, and 6).





Sawmills in operation in 2019



Working Circle	Company	City
1	Sierra Pacific	Anderson
1	Shasta Green Sawmill	Burney
1	Sierra Pacific	Burney
1	Sierra Pacific	Redding
1	Alta California Roundwood	Anderson
1	Roseburg Forest Products Veneer Mill	Weed
1	Fruit Growers Supply Co	Yreka
1	Timber Products Co	Yreka
2	Schmidbauer Lumber	Eureka
2	Arcata Forest Products	Arcata
2	North Fork Lumber Co	Korbel
2	Arcata Forest Products	Arcada
3	Collins Pine	Lakeview
3	Agwood Mill & Lumber Co	Ukiah
3	Mendocino Forest Products	Ukiah
4	Sierra Pacific	Oroville
4	Apex Lumber	Oroville
4	Collins Pine	Chester
4	Sierra Pacific	Quincy
5	Sierra Pacific	Lincoln
5	Bohemia	Lincoln
5	California Hardwood Producers	Auburn
6	Sierra Pacific	Chinese Camp
6	Sierra Pacific	Sonora
7	Sierra Forest Products	Terra Bella

Sawmills idle in 2019

