Sonoma Lake Napa Unit

BOGGS MOUNTAIN
DEMONSTRATION
STATE FOREST

Board of Forestry and Fire Protection Tour

Wednesday, July 22nd, 2015

	8:00	Twin Pines Casino	Depart for Boggs Mountain DSF	
1	8:30	Boggs Mtn. Helitak	-Welcome and Introduction, *Nick Kent, BMDSF Forest Manager* -Fire History and Overview of Cobb Area, *Jim Wright, LNU Division Chief* -SRA Fuel Reduction Projects, Greg Bertelli, *LNU Battalion Chief* -State Forest Management Planning, *Dave Loveless, State Forests Manager* -Boggs Mountain Helitak , *Peter Ongoy, Pilot*	Vicinity Fire Maps
2	9:30	View Point	-Prehistory and History of Cobb Mountain Area, *Chuck Whatford CAL FIRE Archaeologist* -History of Management and Recent Projects at BMDSF, *Gerri Finn, Retired BMDSF Forest Manager* -Road 210 Shaded Fuelbreak, *Nick Kent*	Fuelbreak Map
3	10:30	Road 200	-Forest Pest Conditions, *Don Owen , CAL FIRE Entomologist* -Forest Disease Conditions, *Chris Lee, CAL FIRE Pathologist* -CAL FIRE Mapping Products, *Nancy Magner, CAL FIRE GIS Specialist*	GIS Maps
4	12:00	Horse Camp (restroom)	Lunch (not provided) -Friends of Boggs Mountain Projects, *Gigi Stahl, Treasurer*	Forest Trails Map
5	1:30	Road 600	-La Malfa Fuel Reduction Thinning Exemption (1035(i)) compared to Modified THP for Fuel Reduction (1051.3), *Nick Kent*	Handout
6	2:30	Grizzly Trail	Rx Burning to reduce fir encroachment, *Jim Wright*	
7	3:30	Road 120	Black Oak Thinning, *Gerri Finn* Road 100 Shaded Fuelbreak, *Nick Kent*	
8	4:30	BMDSF Office	Adjourn	

BMDSF Log Brand

Boggs Mountain Demonstration State Forest

USGS 7.5 min Quadrangle:
- Whispering Pines (1993)

Contour Interval = 40'

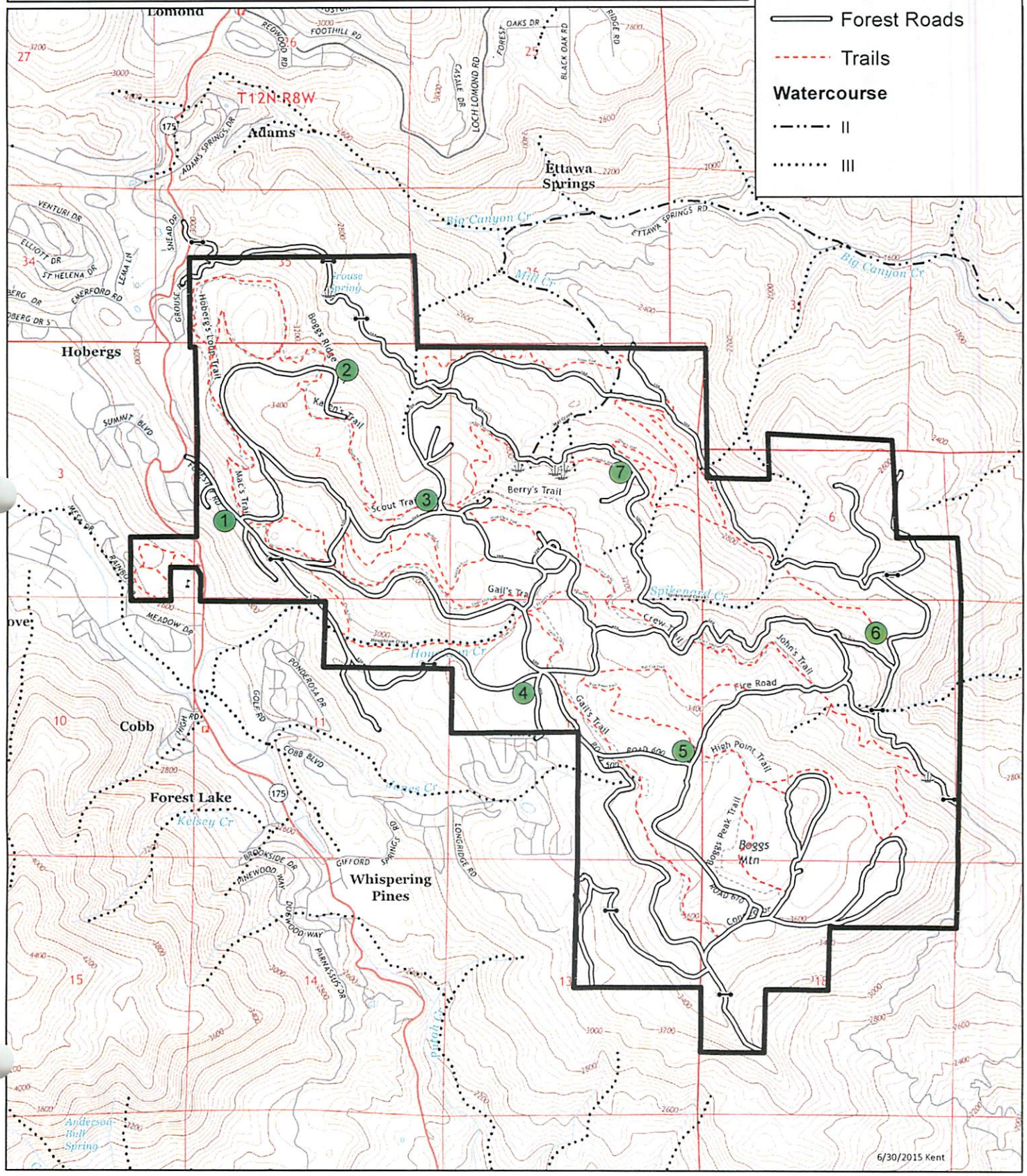
0 5001,000 2,000 Feet

Legend

- BMDSF Boundary
- Tour Stop
- Gates
- Forest Roads
- Trails

Watercourse

- II
- III



6/30/2015 Kent

Boggs Mountain Demonstration State Forest

USGS 7.5 min Quadrangle:
- Whispering Pines (1993)

Contour Interval = 40'

0 500 1,000 2,000 Feet

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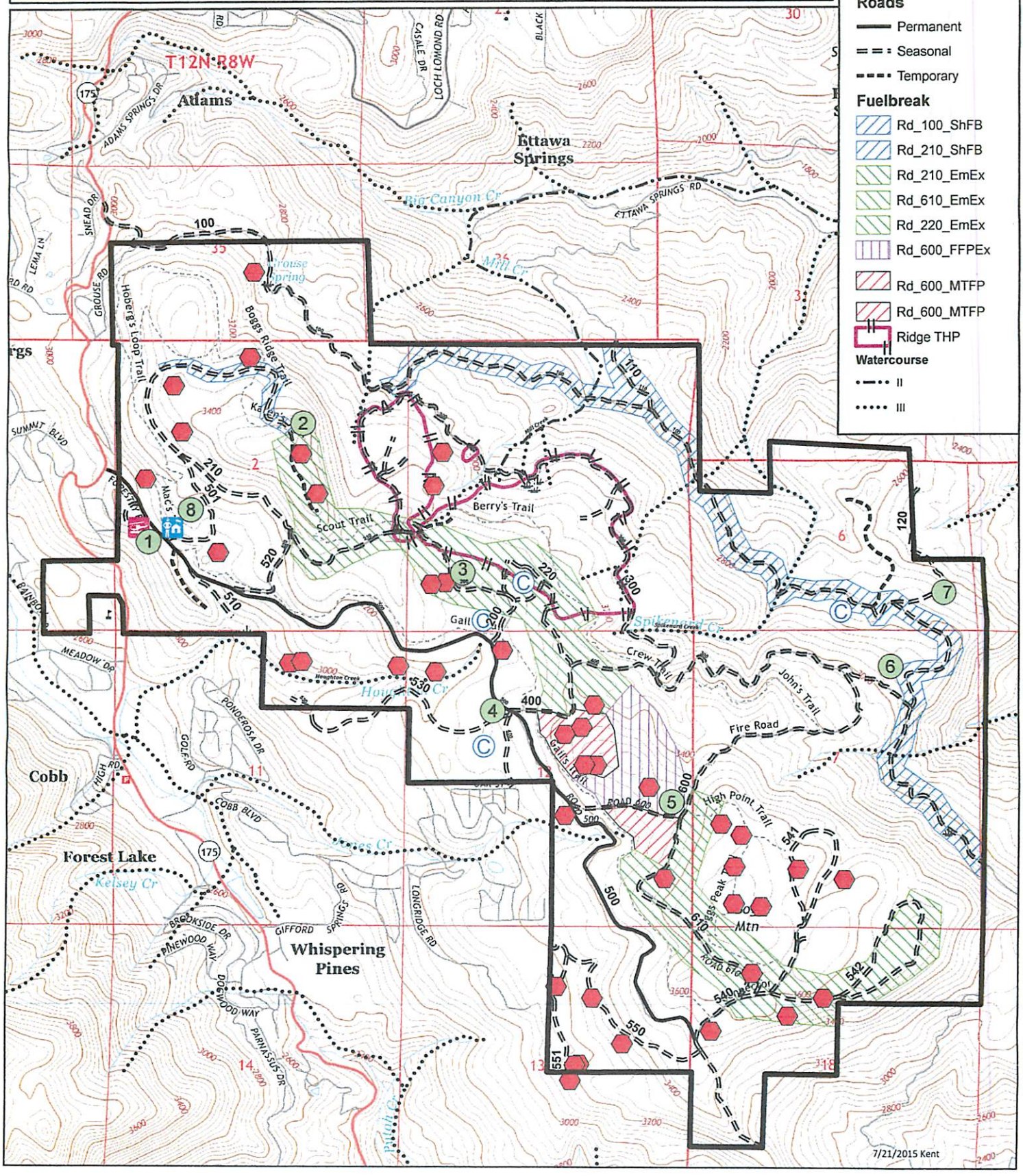
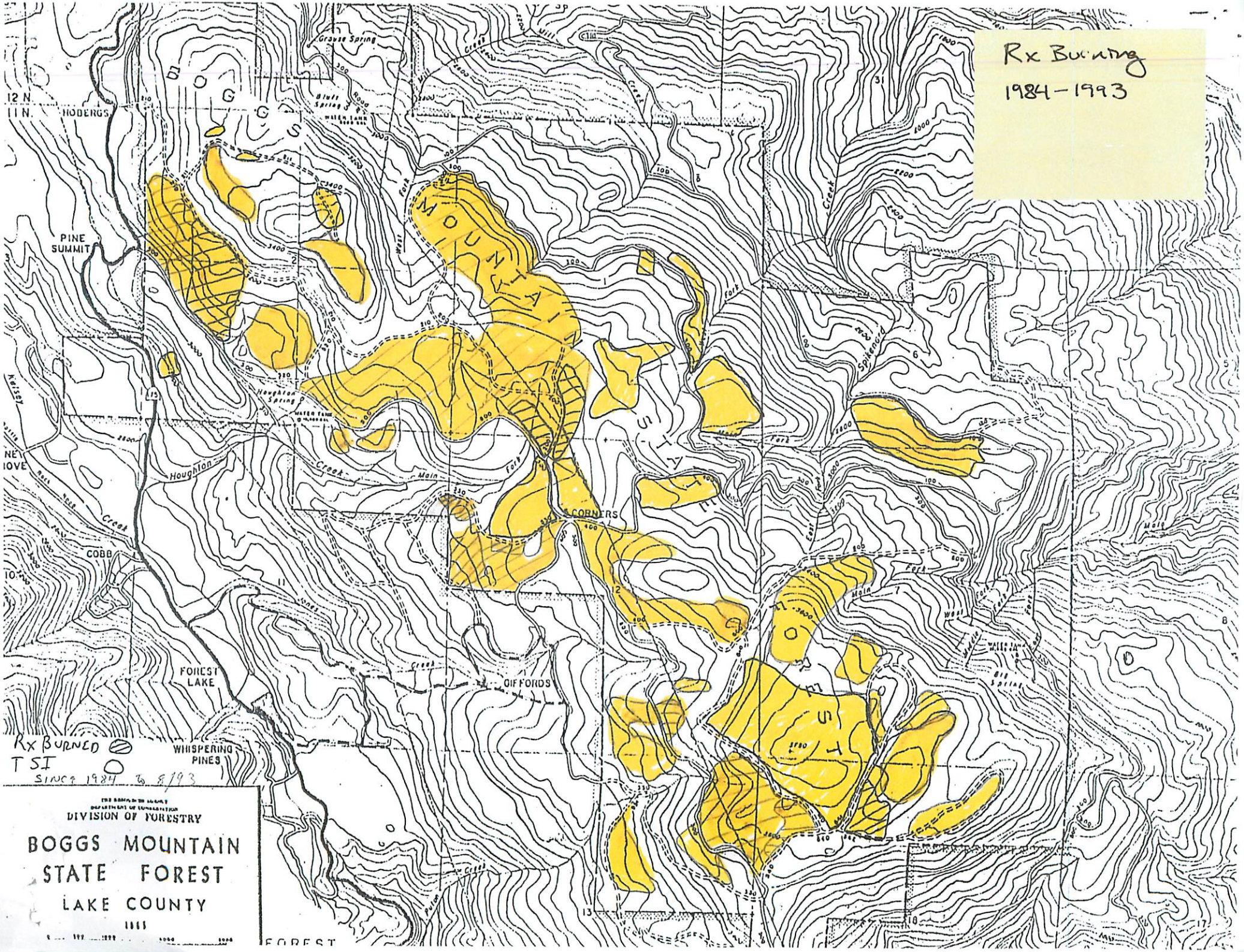


Comparison of Exemption and Modified THP (2015 Rules)

Northern Rules	**1051.3 Modified THP for Fuel Hazard Reduction**	**1038(i) Forest Fire Prevention Exemption**
Acres	2,500 max.	300 acre max.
Slopes	50% max., no new trails on >40%	50% max., no new trails on >40%
Roads	NA	No new roads or reconstruction
WLPZ	70% overstory canopy retention	No harvest except san/salvage
Species	No adverse impact to listed species. NSO surveys required.	No known sites of listed species disturbed
Habitat Elements	2 green culls (24"+)/ac, 2 hardwoods 24"+/ac, 2 down logs20"+/ac, 2% area untreated around elements	Retention described by RPF.
Winter Ops	Full winter plan	
Stocking	Dependent on Prescriptions – Fuelbreak, Comm. Thin, Rehab (10% of area) Increase Quadr. Mean Diam. for trees 8"+. Stocking assessed by 55% stocked plots. Stocking met immediately after completion.	Increase Quadr. Mean Diam., Decrease fuel continuity. Submit description of pre and post harvest stocking. Leave best dominants and codominants. Site I – 125 sq. ft./ac or 100 sq.ft./ac for pine Site II -100 sq.ft./ac or 75 sq.ft./ac for pine Site III - 75 sq.ft./ac Site IV/V – 50 sq.ft./ac Cut only < 18" or <24" trees. 24" requires within 500 feet of permitted structure or in a community wildfire protection plan. 40% min. canopy closure for Eastside pine 50% min. canopy closure DF and RW within ¼ mile legal structure in Commun. at Risk, or within 500 feet of legal structure 60% min. canopy closure for DF and RW elsewhere 50% min. canopy closure for mixed conifer and others Stocking assessed by 100% compliance on every acre?
Arch	CAA	Confidential Arch. letter
Fuel Loading/Slash Tmt	25 Bone Dry Tons Max/ac. Pre and post-harvest photo monitoring of project treatments.	Reduce vertical and horizontal fuels to reduce rate of spread, duration, intensity, ignitability, ignition of crowns. Ladder fuels spaced horizontally from leave trees 2 to 6 times fuel height from outside branches. Dead surface fuel depth less than 9 inches. Standing deady trees and brush removed.


Rx Burning
1984-1993
BOGGS MOUNTAIN STATE FOREST
HOBERGS
PINE SUMMIT
CORNERS
COBB
FOREST LAKE
GIFFORDS
WHISPERING PINES
Grouse Spring
Bluff Spring
Houghton Spring
Houghton Creek
Main Fork
West Fork
Spikenard Creek
Big Spring
Rx BURNED
TSI
SINCE 1984 to 8/93
DIVISION OF FORESTRY
BOGGS MOUNTAIN
STATE FOREST
LAKE COUNTY

T3IRXREC

T3I AND Rx BURN RECORD

1=PP	1=MANUAL	1=CONTRACT
2=MC	2=MECHANICAL	2=KONOCTI CC
3=DF	3=RxBURN	3=FOR STAFF
	4=CHEMICAL	

DATE	UNIT #	TBR	TYPE	PRACTICE	ACRES	CONTRACT COST PER AC		LOCATION	RATE/ACRE (CHEMICALS)	COMMENTS
RxBURN										
2.85	1	1	PP	3 RxBURN*	8	3	CDF	E of Jct rds 541 & 542, Sec 18		
10.85	2	1	PP	3 RxBURN(13	8	3	CDF	Between rds 200 & 500, Calso Camp		
3.86	3	1	PP	3 RxBURN*	12	3	CDF	E of rd 200, Sec 1 & 12		
3.86	4	1	PP	3 RxBURN(8)	15	3	CDF	Entrance between rds 500, 501, 200, Sec 2		
11.88	5	1	PP	3 RxBURN(9)	10	3	CDF	Beteen rds 210 & 501, Sec 2		
4.88	6	1	PP	3 RxBURN*	5	3	CDF	E of Jct rds 541 & 542, Sec 18		
12.88	7	1	PP	3 RxBURN*	11.5	3	CDF	W of Jct rds 540 & 610, Sec 18		
12.88	8	1	PP	3 RxBURN*	5.8	3	CDF	E of rd 500, 3E 1/4 Sec 5		
11.88	9	1	PP	3 RxBURN(4,5	38.4	3	CDF	Beteen rds 210 & 501, Sec 2		
4.19.89	10	1	PP	3 RxBURN	5.8	3,1	CDF, UC	Between rds 400 & 530, Sec 12		
4.20.89	11	1	PP	3 RxBURN	9.5	3,1	CDF, UC	Between rds 400 & 530, Sec 12		
11.89	12	1	PP	3 RxBURN(2)	10	3	CDF	Between rds 200 & 500, Calso Camp		
1.89	13	1	PP	3 RxBURN*	16	3	CDF	S of rd 400, Sec 12		
1.90	14	1	PP	3 RxBURN	3	3	CDF	N of Jct rds 610,540 & 541, Sec 18		
2.15.90	15	1	PP	3 RxBURN	44	3	CDF	Between rds 610 & 500, Sec 13 & 18		
11.90	16	1	PP	3 RxBURN	32	3	CDF	N of rd 200, W of rd 220, Sec 1		
11.90	17	1	PP	3 RxBURN	12	3	CDF	E of rd 200, Sec 1 & 12		
11.90	18	1	PP	3 RxBURN	17	3	CDF	Between rds 200 & 500, Calso Camp		
1.90	19	1	PP	3 RxBURN	80	3	CDF	Between rds 200, 210, 500, 520, Sec 1 & 2		
2.5.92	20	1	PP	3 RxBURN	65	3	CDF	Entrance between rds 500, 501, 200, Sec 2		
2.5.92	21	1	PP	3 RxBURN	4	3	CDF	Between rds 400 & 530, Sec 12		
2.4.93	22	2	MC	3 RxBURN	61	3,1	CDF, UC	E of rd 200, Sec 1		
4.28.93	23	2	MC	3 RxBURN	27	3,1	CDF, UC	Between rds 300 & 500, Sec 1		

TOTAL RxBURN ACRES 509.8