

COLLEGE
OF FORESTRY
Elliott State
Research Forest
Draft Allocations

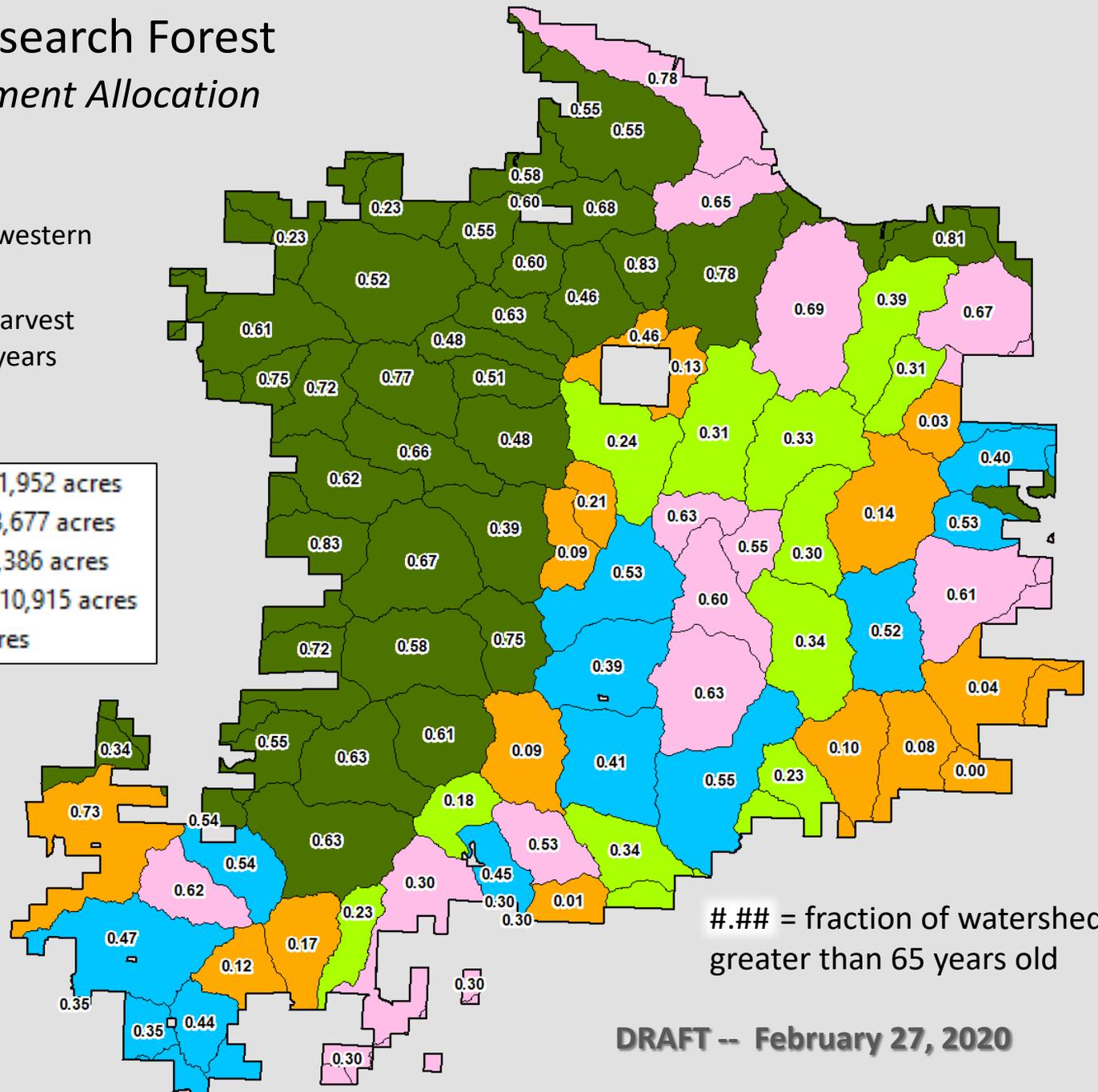


DRAFT -- February 25, 2020

Elliott State Research Forest

December Treatment Allocation

- Single CRW block in western watersheds
- Minimize intensive harvest acres in stands > 65 years



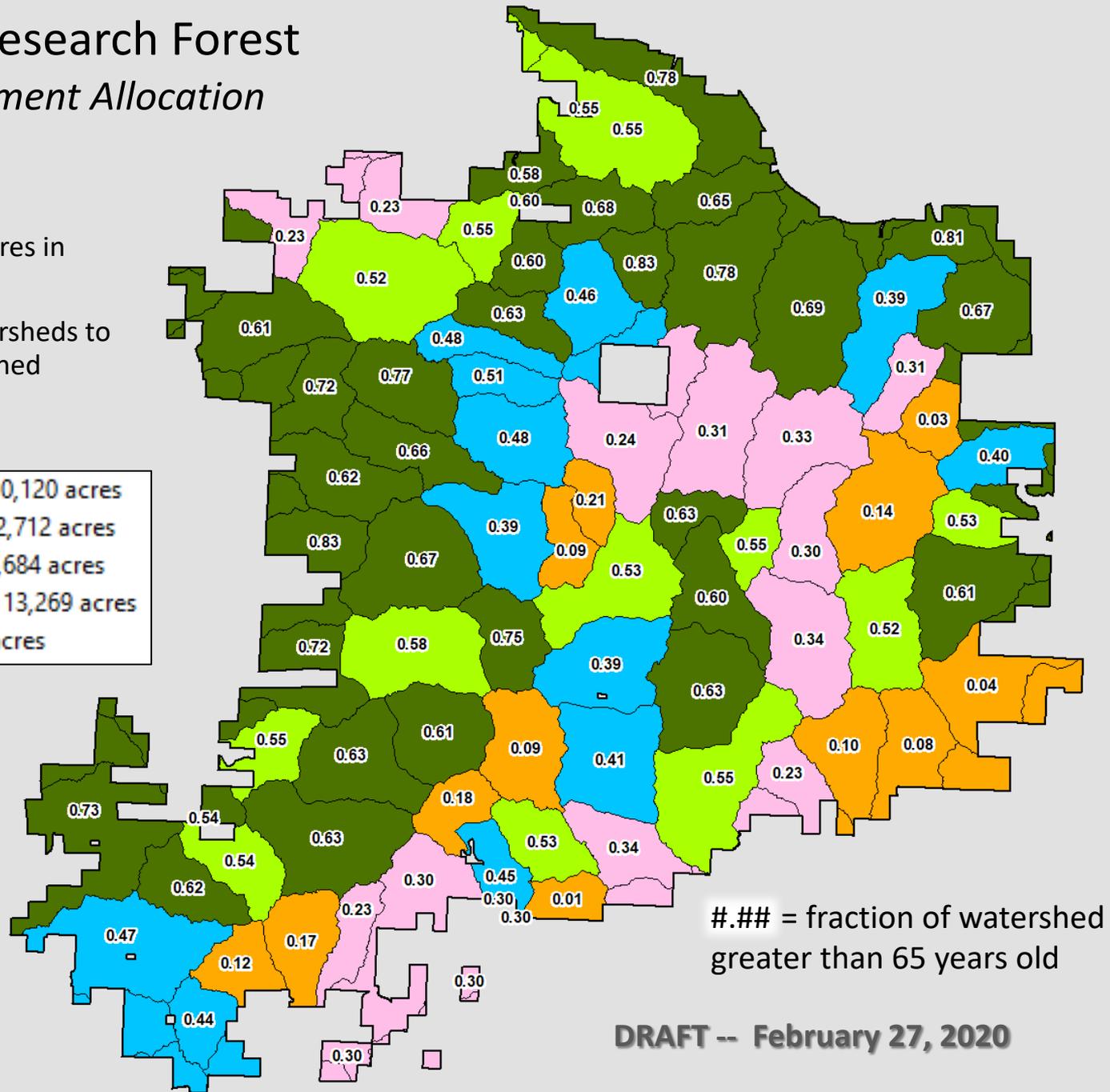
= fraction of watershed greater than 65 years old

DRAFT -- February 27, 2020

Elliott State Research Forest

January Treatment Allocation

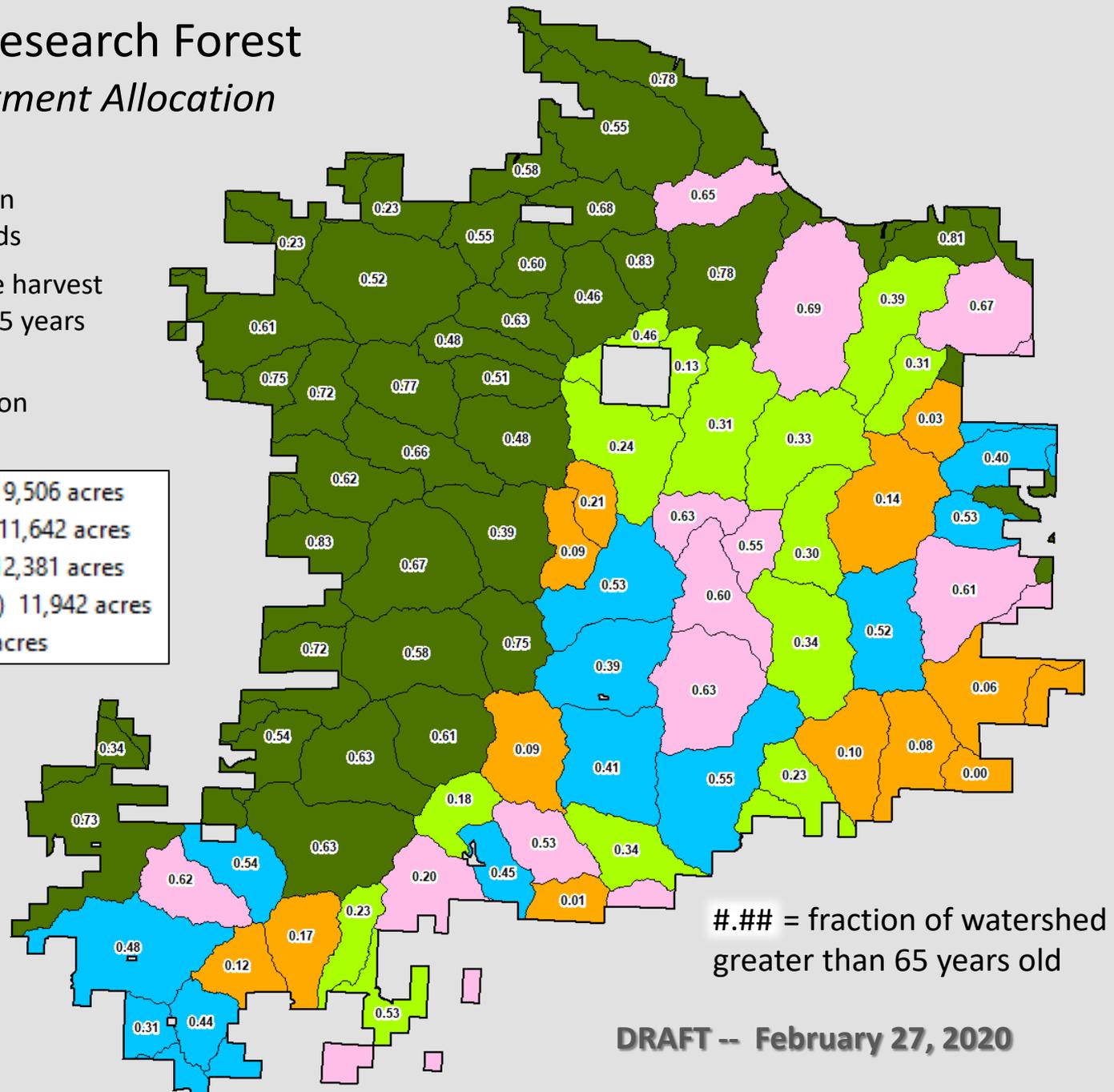
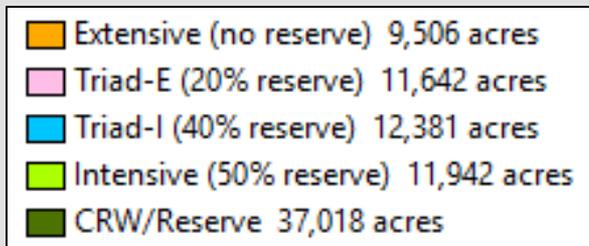
- Uses all watersheds
- Minimize harvest acres in stands > 65 years
- Assigns partial watersheds to adjacent full watershed allocation



Elliott State Research Forest

February Treatment Allocation

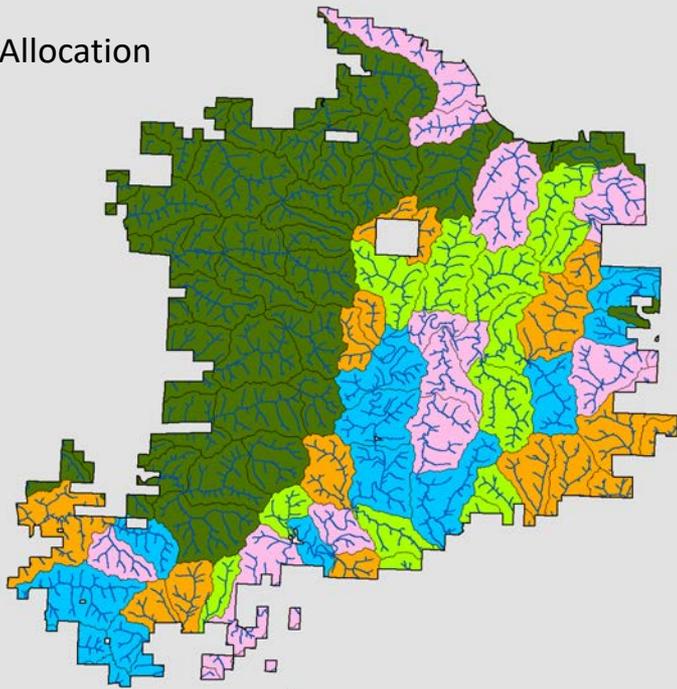
- Single CRW block in western watersheds
- Minimize intensive harvest acres in stands > 65 years
- Corrects errors in December allocation



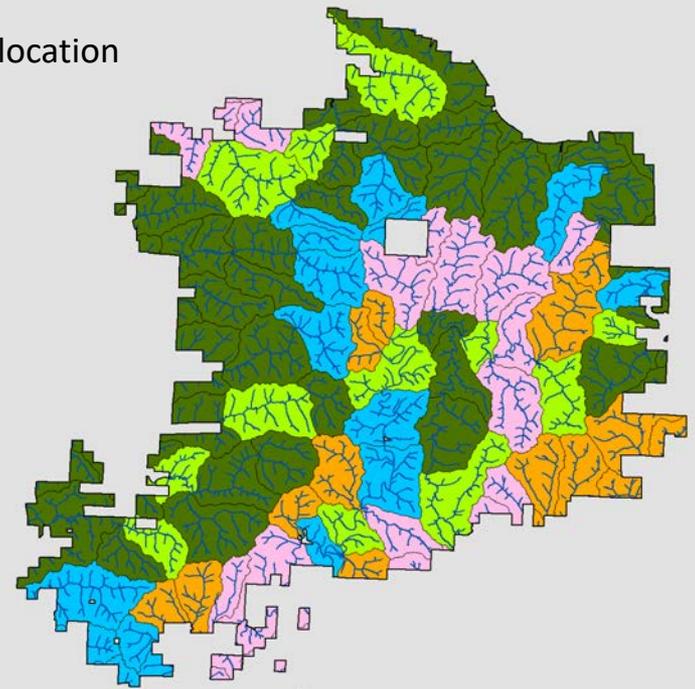
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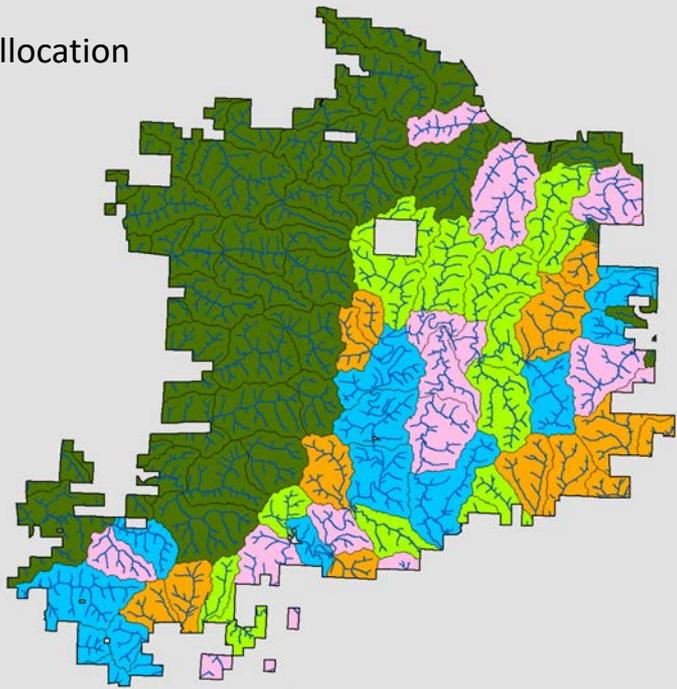
December Allocation



January Allocation



February Allocation



Allocation Summary

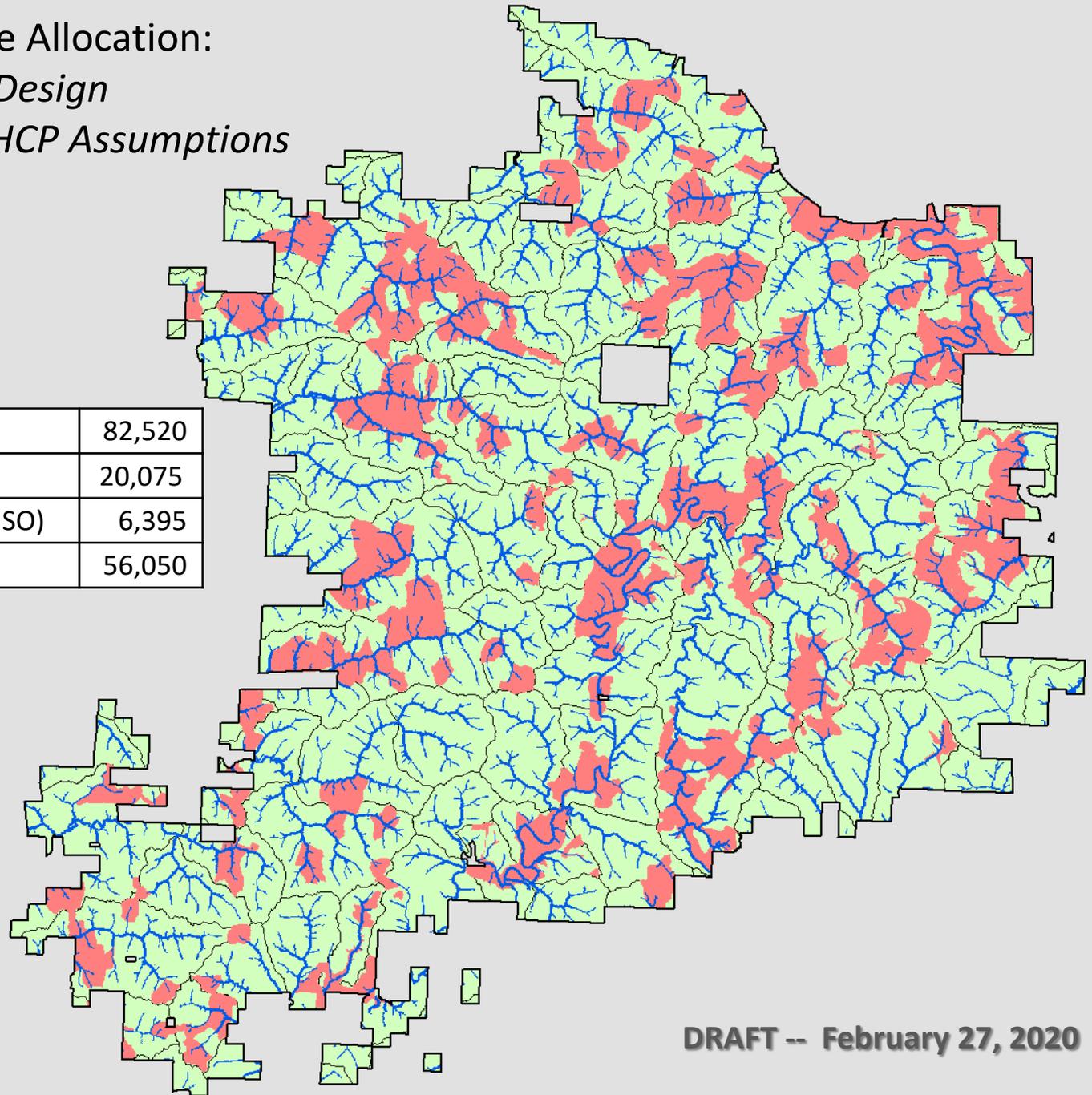
	December Allocation	January Allocation	February Allocation
Extensive	11,952	10,120	9,507
Triad-E	13,677	12,712	11,642
Triad-I	12,386	12,684	12,381
Intensive	10,915	13,269	11,972
CRW	33,593	33,735	37,018
<i>Total</i>	<i>82,521</i>	<i>82,521</i>	<i>82,520</i>

DRAFT -- February 27, 2020

Elliott Forest Acre Allocation:

- *No Research Design*
- *Comparable HCP Assumptions*

Total Forest Acres	82,520
MMMA/NSO Designation	20,075
RMA (outside of MMMA/NSO)	6,395
Acres Available for Harvest	56,050



DRAFT -- February 27, 2020

Table 3. Comparison of *February Allocation* Research forest to a Non-Research Forest Alternative with Comparable HCP.

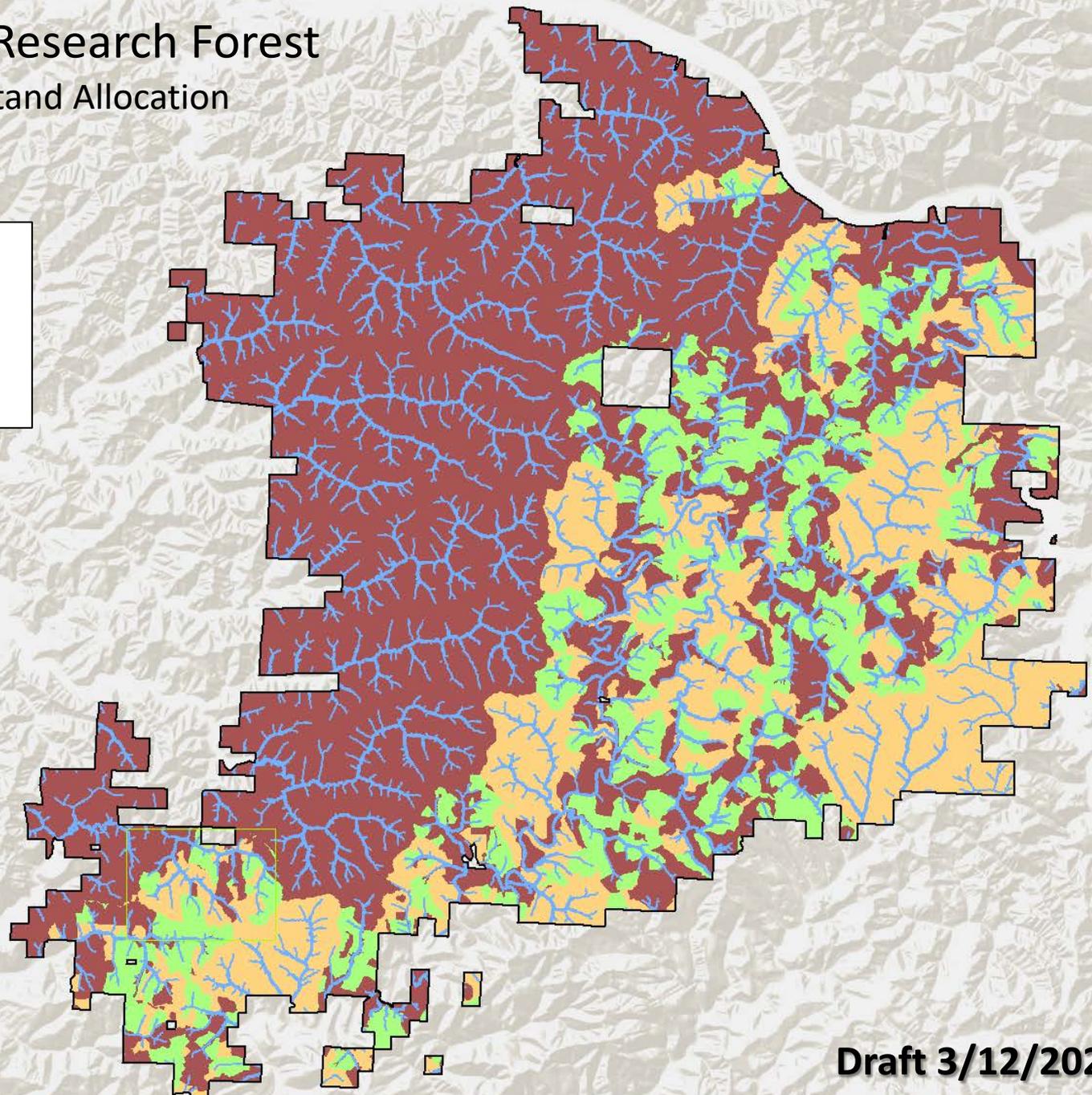
	Forest Area	MMMA/NSO Set Aside Acres	Riparian Management Area Acres	Acres in MRW Reserves	Conservation Research Watersheds	Total Protected Acres	Total Potential Harvest Acres
Research Forest TRIAD Concept	82,520	0	5,095	11,761	37,018	53,873	28,647*
Non-Research Forest w/HCP	82,520	20,075	6,395	0	0	26,469	56,050**

* Approximately 11,761 acres available for intensive management

** Approximately 56,050 available for intensive management

Elliott State Research Forest

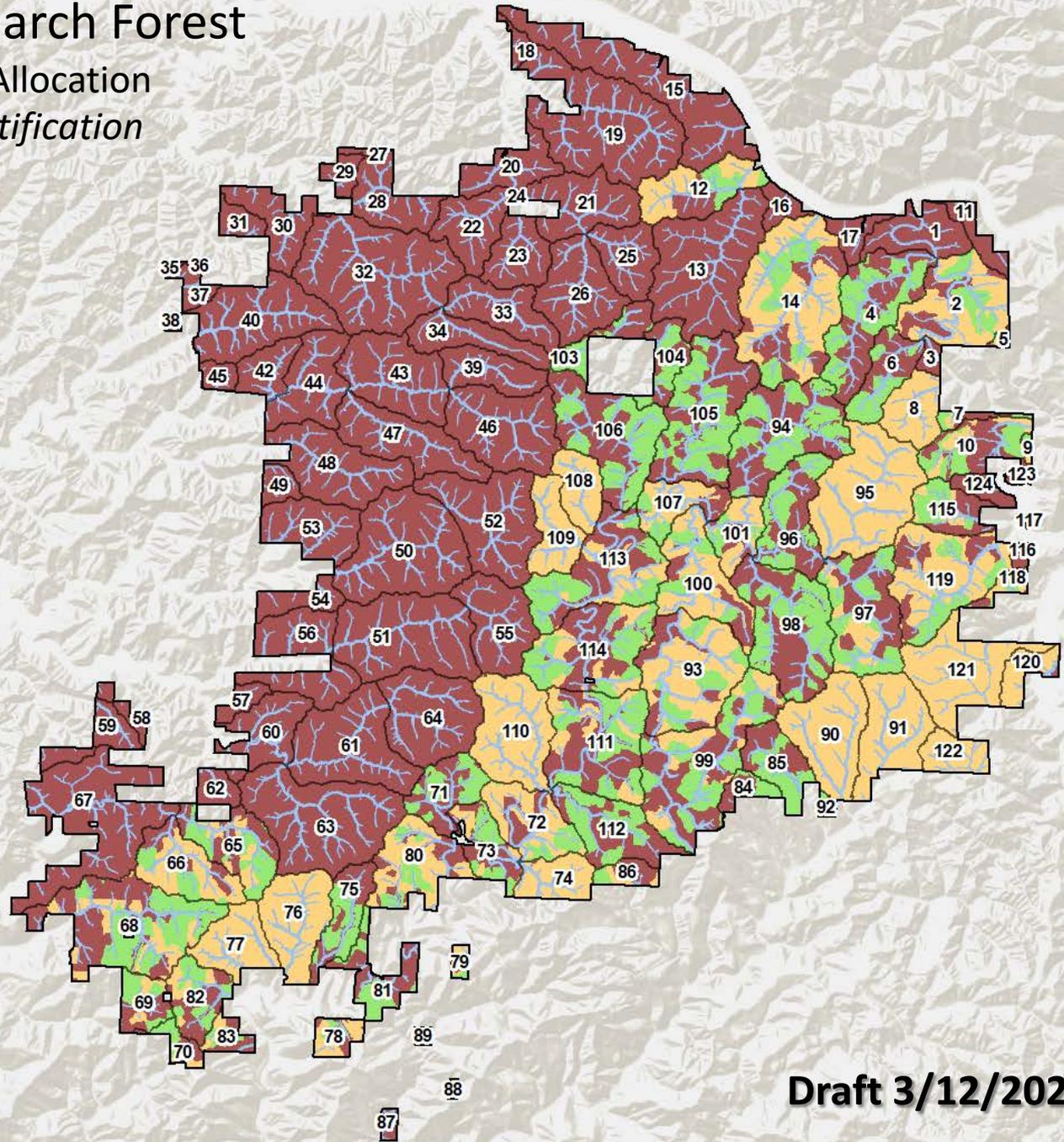
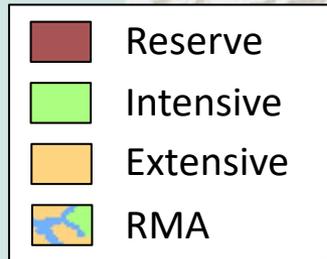
Age-only Stand Allocation



Draft 3/12/2020

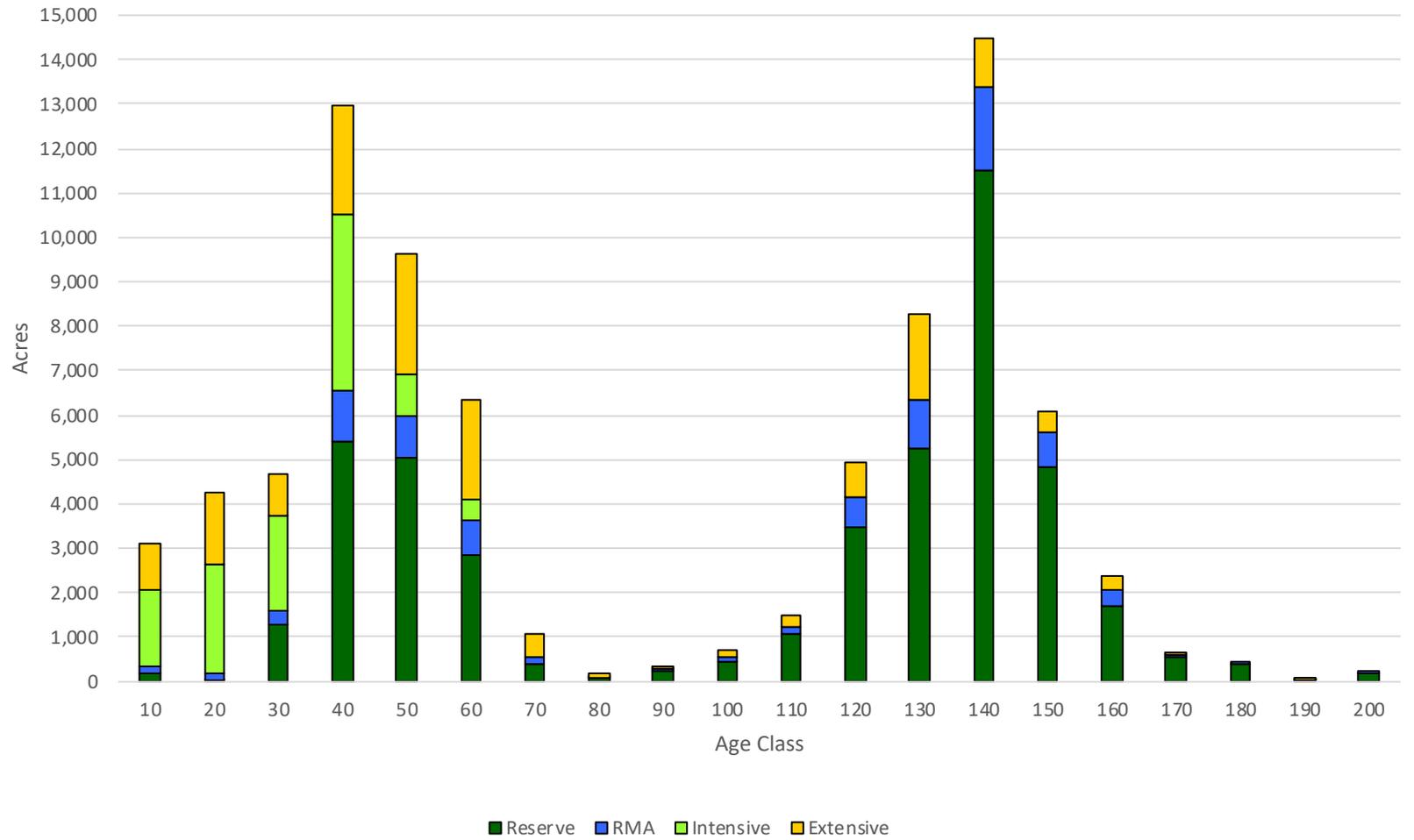
Elliott State Research Forest

Age-only Stand Allocation
Watershed Identification



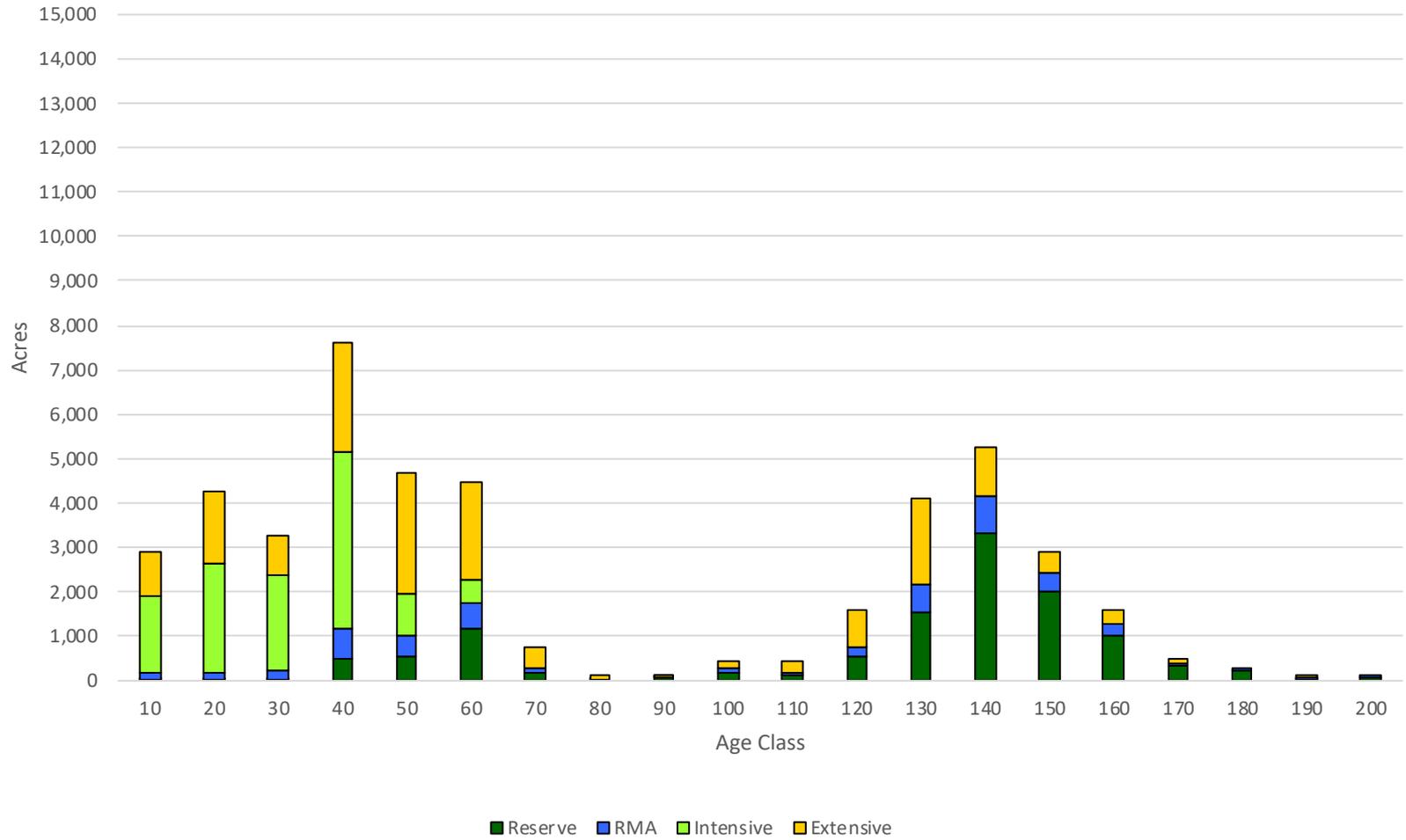
Draft 3/12/2020

Age Class Distribution by Allocation All Forest



Draft 3/18/2020

Age Class Distribution by Allocation Management Research Watersheds Only



Draft 3/18/2020

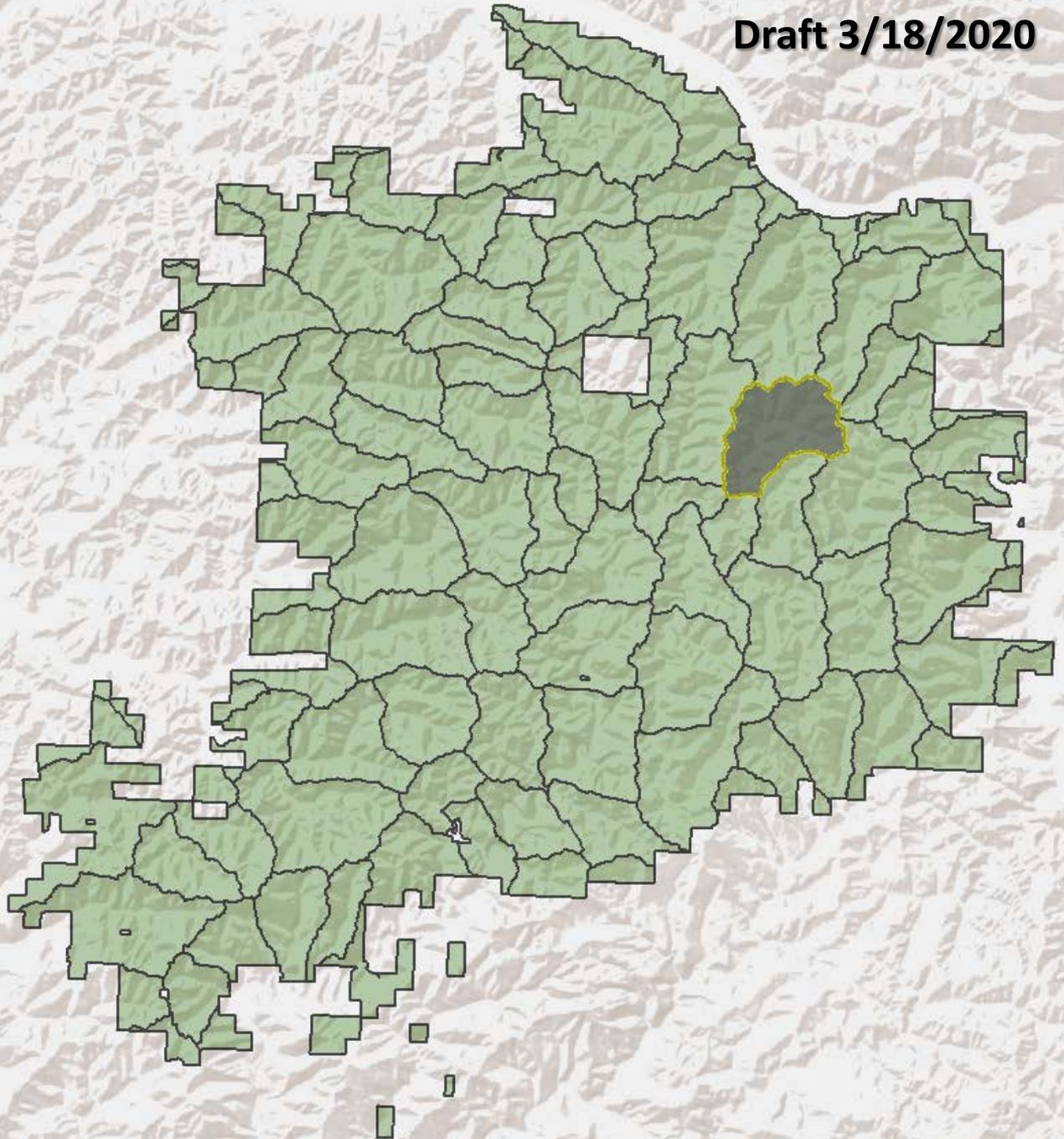
The following slides show draft stand-level allocations for Management Research Watersheds on the proposed Elliott State Research Forest (ESRF). Each set of eight slides is organized as follows:

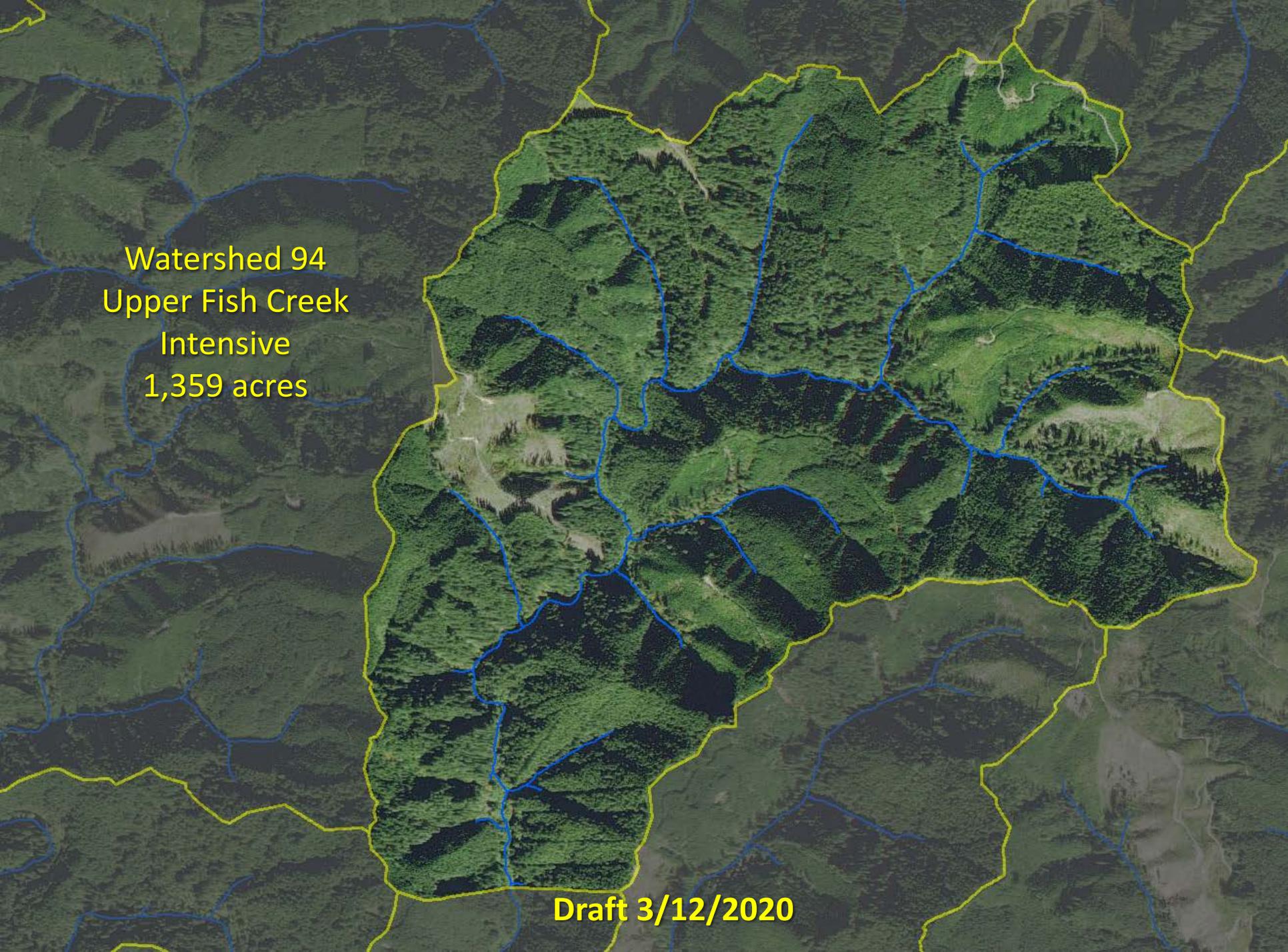
- 1) Overview slide showing location of the subject watershed with respect to the entire ESRF
- 2) Orthophoto of subject watershed, showing watershed boundaries and perennial streams. The subject watershed is in normal color, and adjacent watersheds are partially obscured by a grey overlay. Adjacent lands that are not part of the ESRF are indicated with black diagonal lines
- 3) Orthophoto of subject watershed with overlay showing location of stands greater than 65 years of age
- 4) Orthophoto of subject watershed with overlay showing location of stands greater than 65 years of age, and the location of areas with MMMA and/or NSO designation
- 5) Draft stand allocations of subject watershed. RMAs are “generic”, and will be adjusted to achieve wood recruitment targets. Stand-level triad allocations (reserve, intensive, or extensive) are based on the prescribed triad mix of the watershed treatment category (Intensive, Triad-I, Triad-E, or Extensive) and on stand age, with the oldest stands within a subject watershed assigned to reserve, the youngest stands assigned to intensive, and the balance assigned to extensive
- 6) Draft stand allocations of subject watershed with overlay showing location of stands greater than 65 years of age
- 7) Draft stand allocations of subject watershed with overlay showing location of stands greater than 65 years of age, and the location of areas with MMMA and/or NSO designation
- 8) Stand table and bar chart showing stand age class distribution by allocation for the subject watershed

PLEASE NOTE: THIS IS A WORK IN PROGRESS!!!
ALL SLIDES ARE “DRAFT” AND ARE SUBJECT TO CHANGE

Draft 3/18/2020

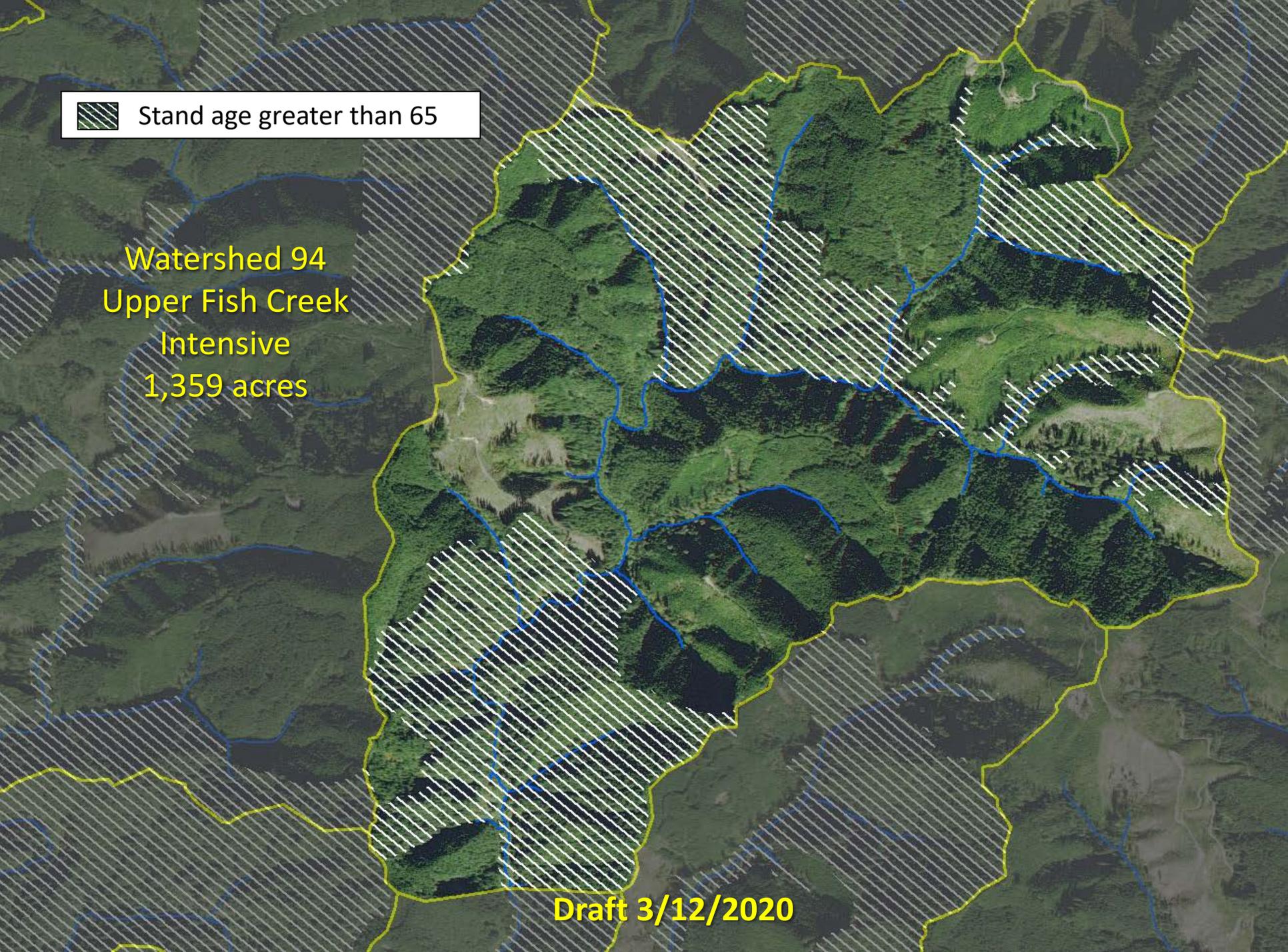
Watershed 94
Upper Fish Creek
Intensive
1,359 acres





Watershed 94
Upper Fish Creek
Intensive
1,359 acres

Draft 3/12/2020



Stand age greater than 65

The map displays a forested landscape with a yellow boundary defining Watershed 94. Blue lines represent stream channels. A legend in the top-left corner shows a box with diagonal hatching, labeled 'Stand age greater than 65'. This hatching is applied to various areas within the watershed, including a large section in the upper right, a section in the lower left, and several smaller patches throughout the central and right-hand portions of the watershed. The background is a satellite-style aerial photograph of the forest terrain.

Watershed 94
Upper Fish Creek
Intensive
1,359 acres

Draft 3/12/2020

-  Stand age greater than 65
-  MMMA/NSO Designation

Watershed 94
Upper Fish Creek
Intensive
1,359 acres

Draft 3/12/2020

Watershed 94
Upper Fish Creek
Intensive
1,359 acres



Upper Fish Creek			
94	Acres	Percent of Total Acres	Percent Net of RMA
Reserve	602	44%	50%
Intensive	602	44%	50%
Extensive	0	0%	0%
RMA	156	11%	0%
Total	1,359	100%	100%

Draft 3/12/2020

 Stand age greater than 65

Watershed 94
Upper Fish Creek
Intensive
1,359 acres

 Reserve
 Intensive
 Extensive
 RMA

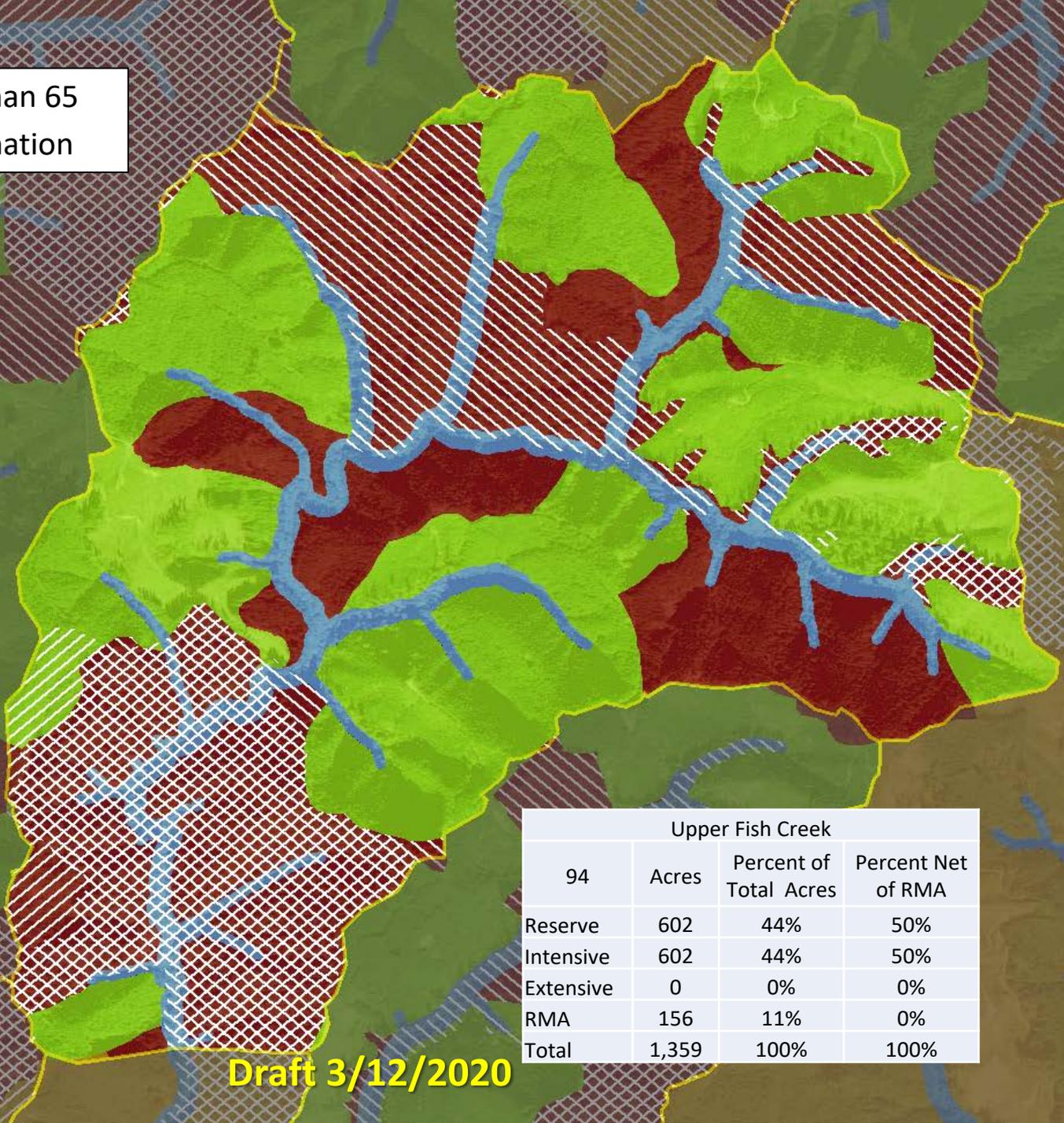
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Draft 3/12/2020

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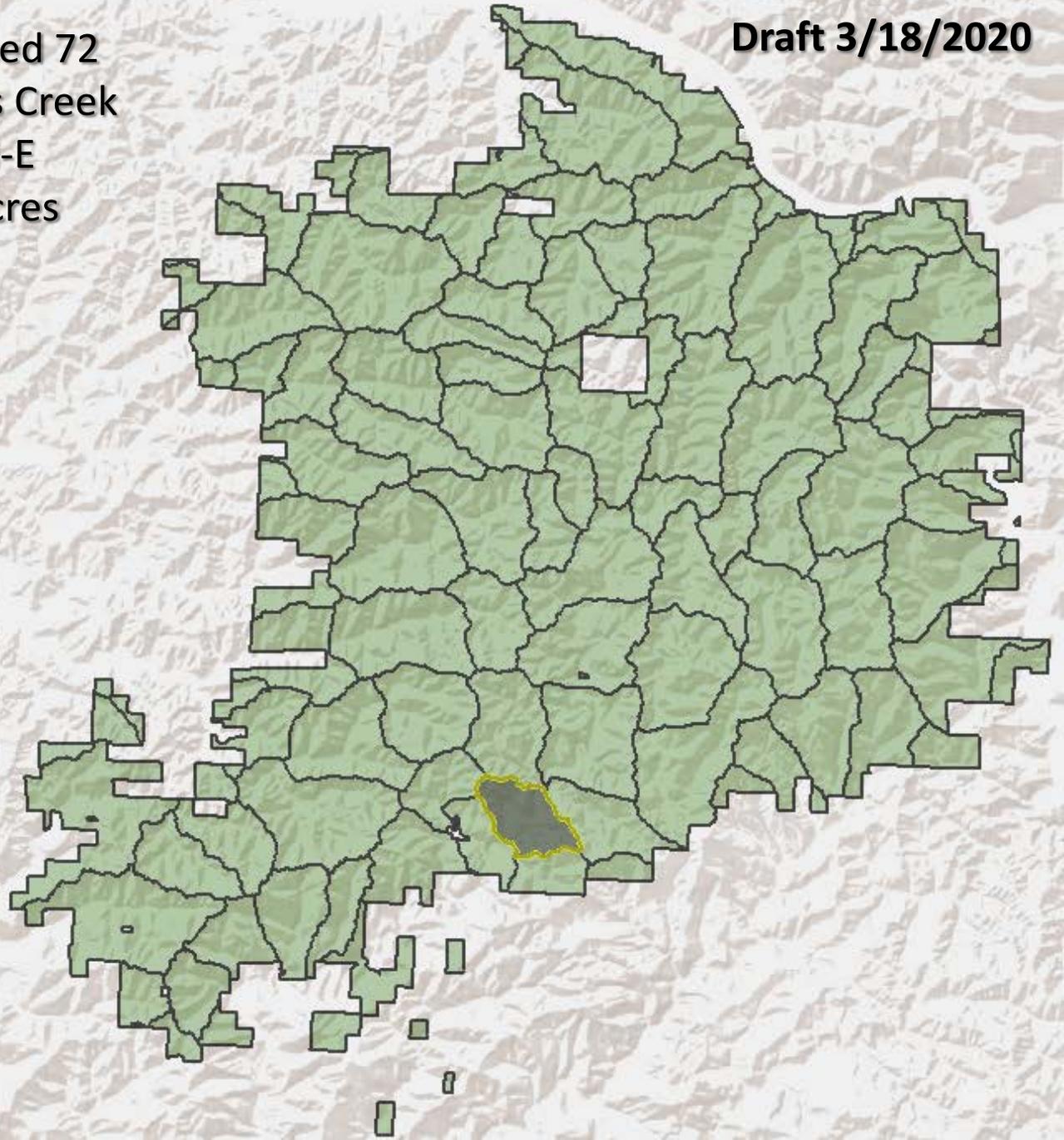


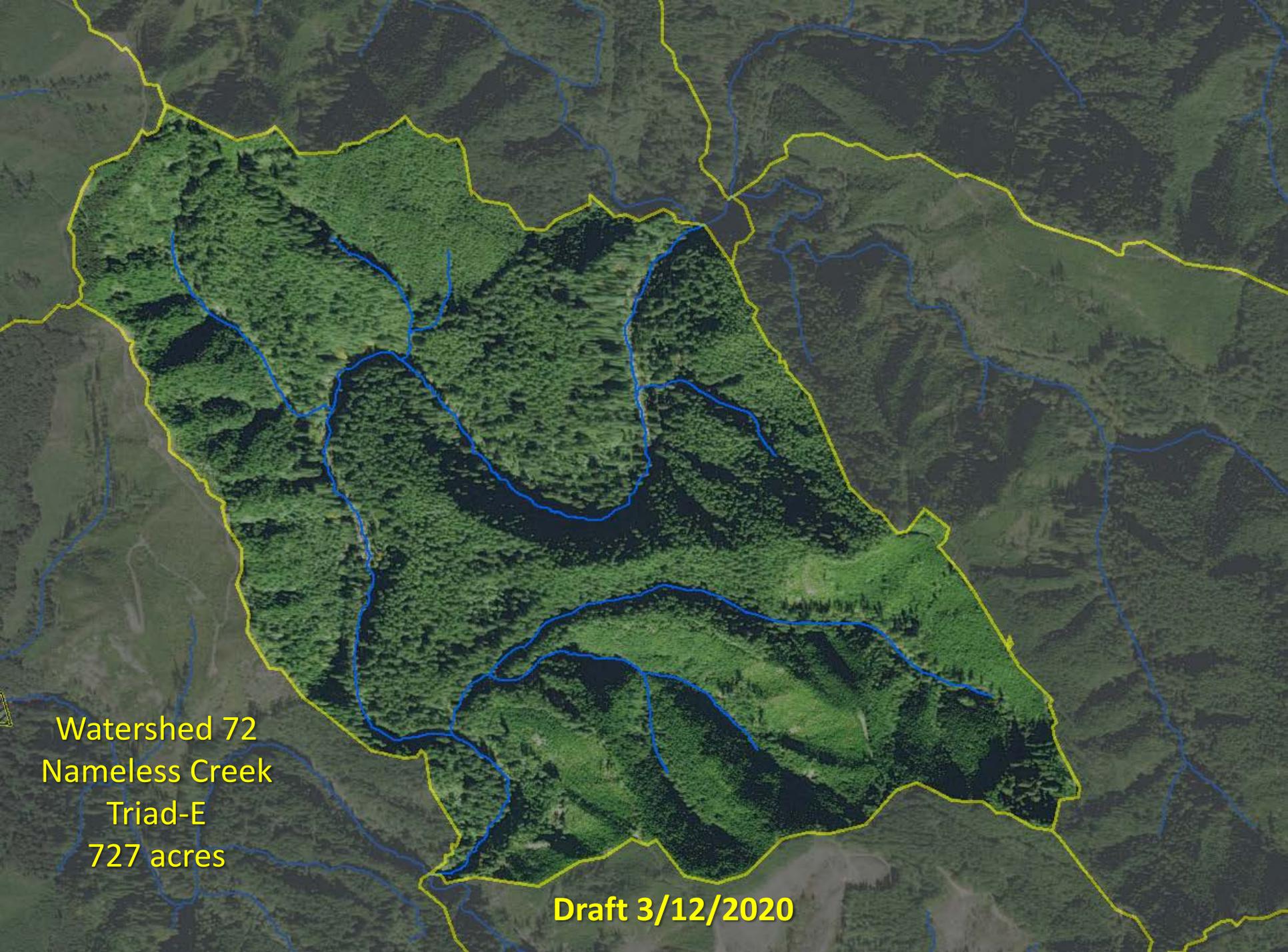
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Draft 3/12/2020

Watershed 72
Nameless Creek
Triad-E
727 acres

Draft 3/18/2020





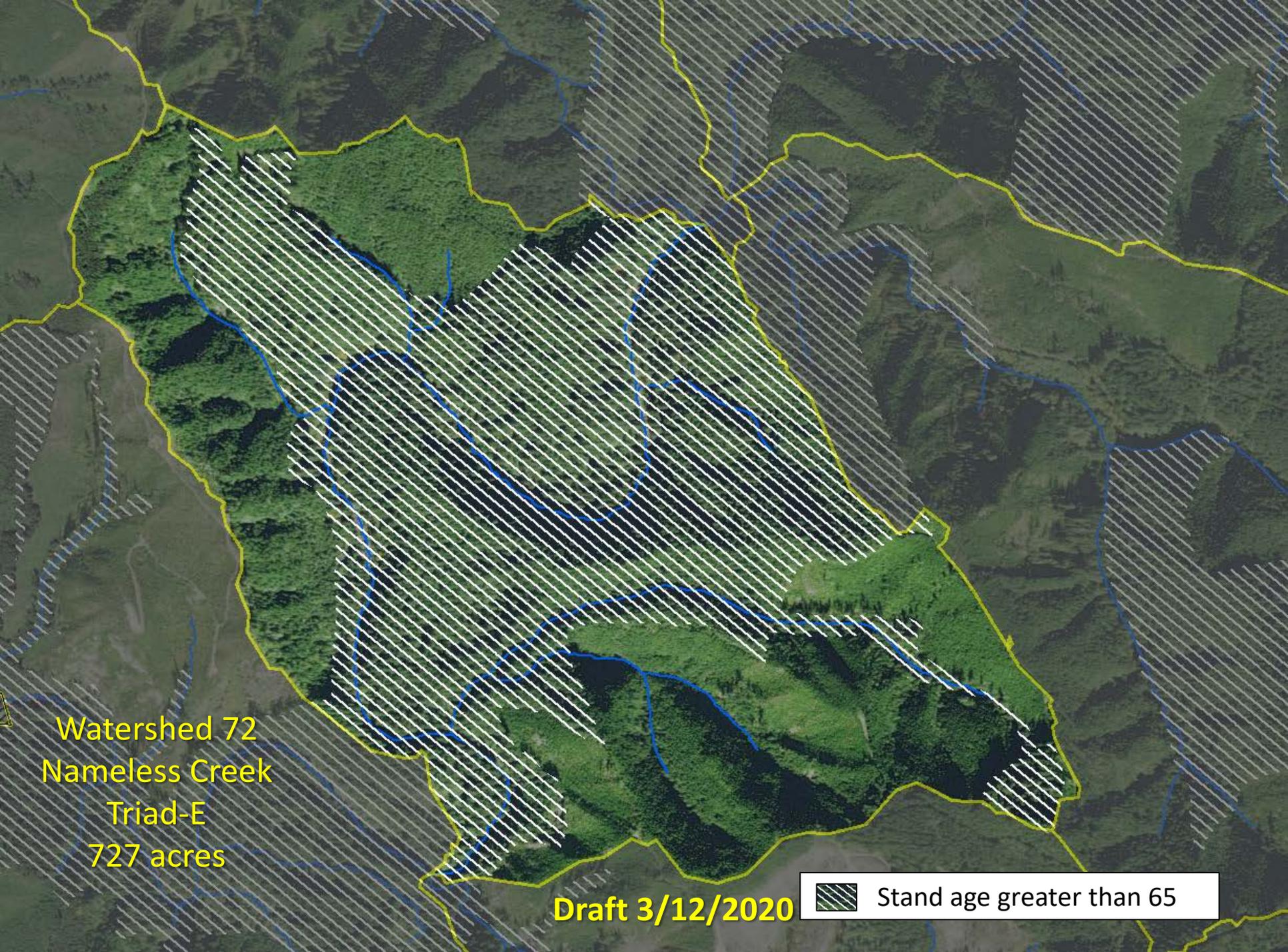
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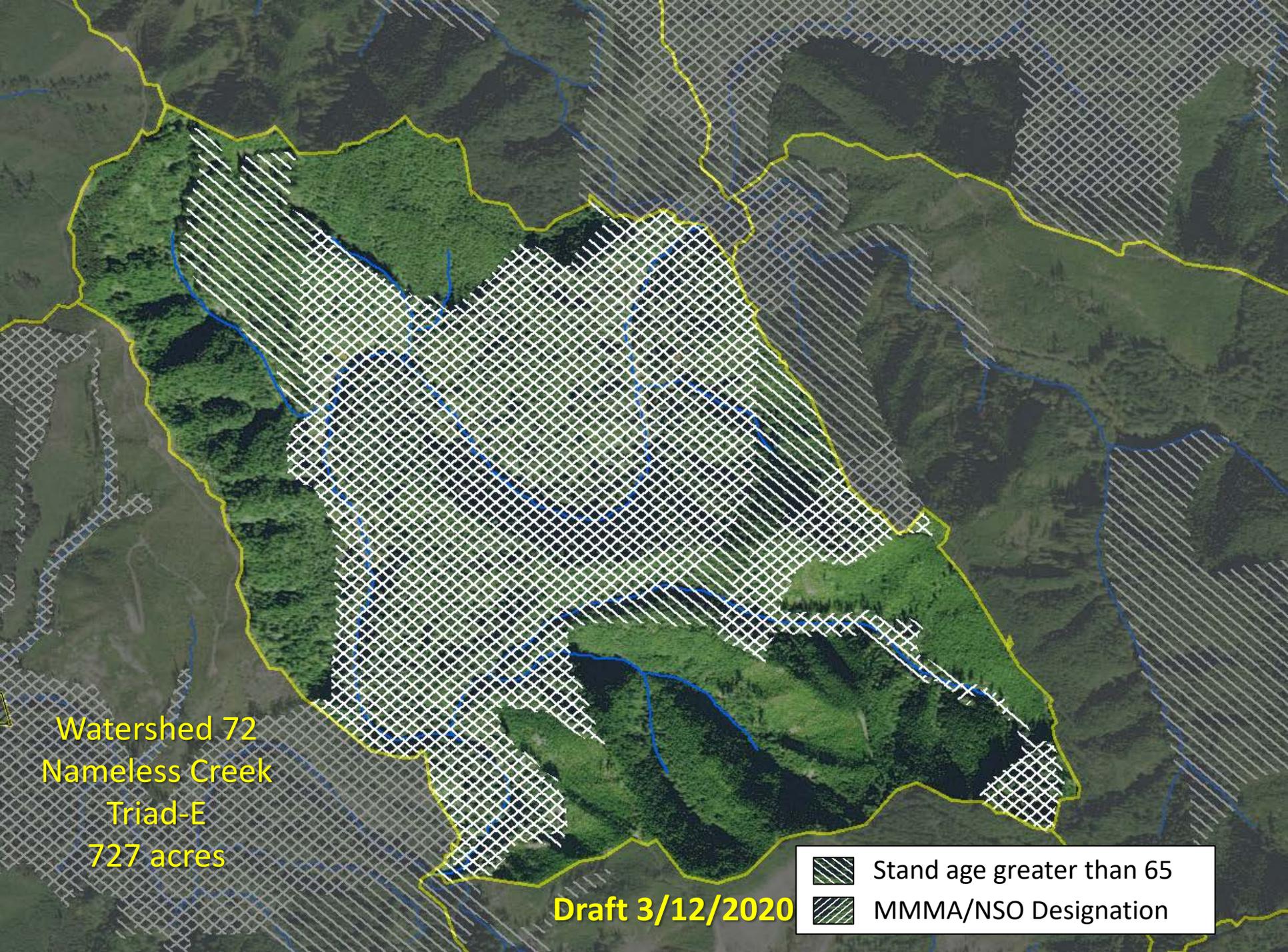
 Stand age greater than 65

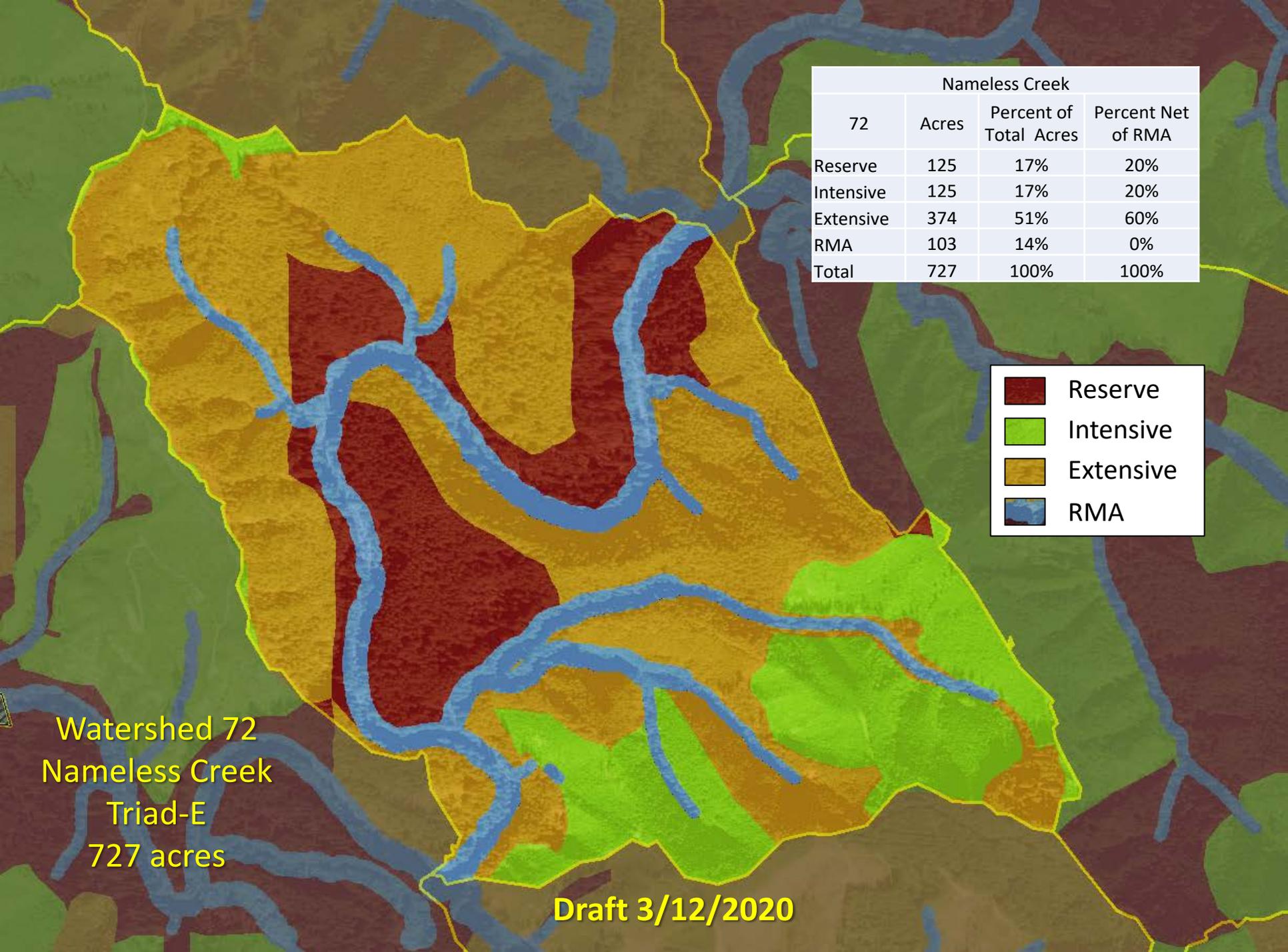


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Nameless Creek
Triad-E
727 acres

Draft 3/12/2020

	Stand age greater than 65
	MMMA/NSO Designation



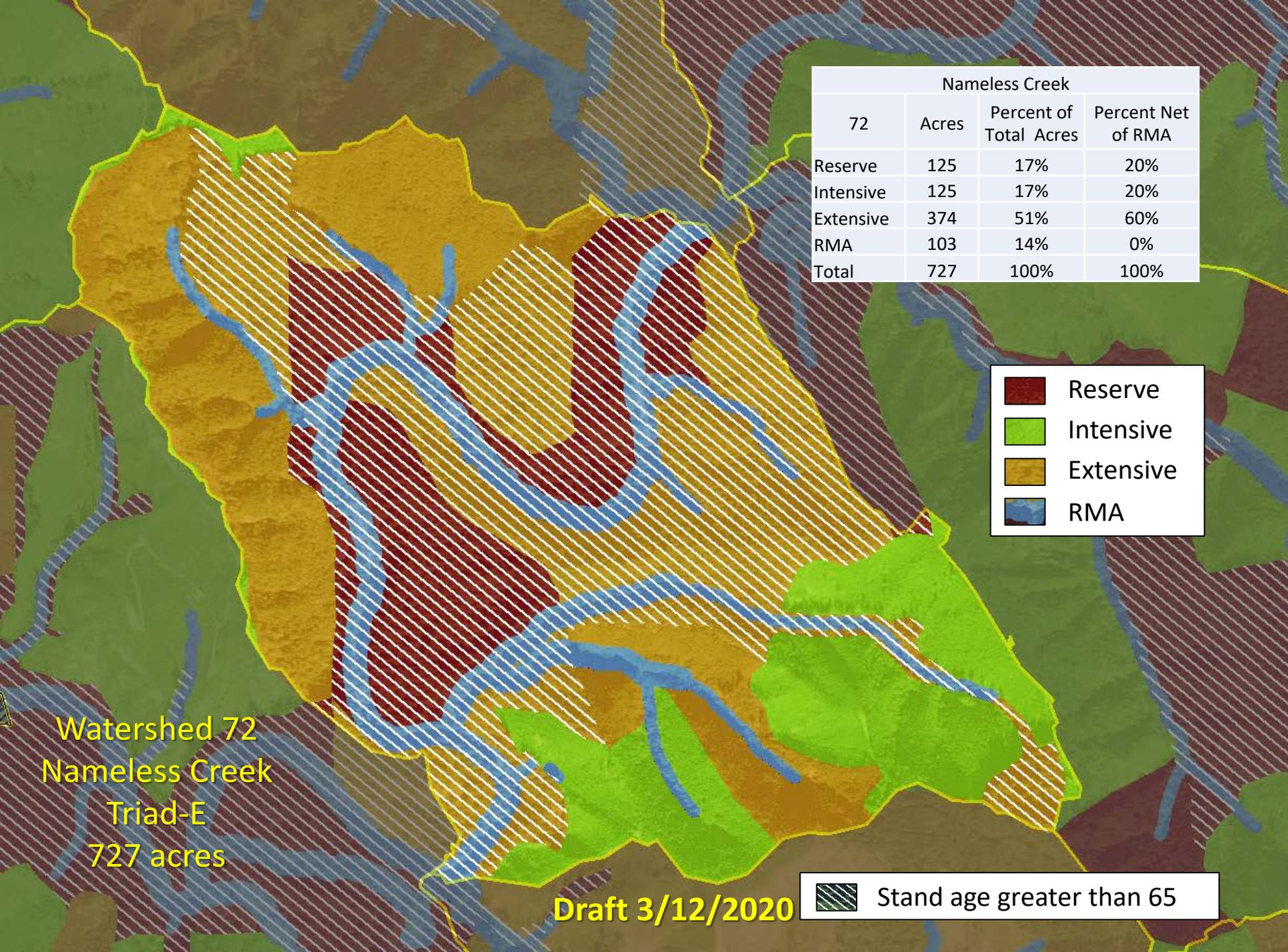


Nameless Creek			
72	Acres	Percent of Total Acres	Percent Net of RMA
Reserve	125	17%	20%
Intensive	125	17%	20%
Extensive	374	51%	60%
RMA	103	14%	0%
Total	727	100%	100%

	Reserve
	Intensive
	Extensive
	RMA

Watershed 72
Nameless Creek
Triad-E
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Draft 3/12/2020



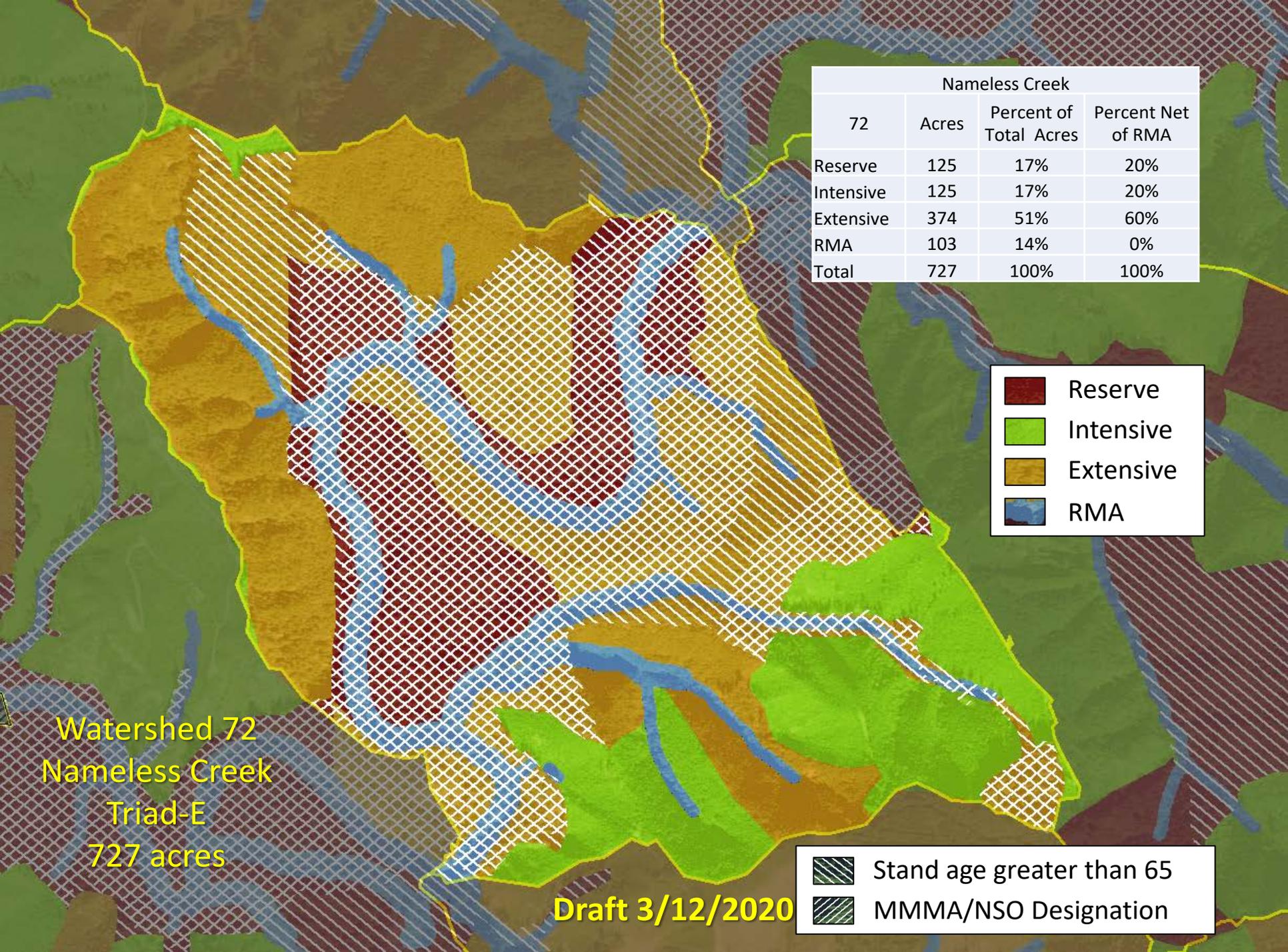
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Watershed 72
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Draft 3/12/2020

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- MMMA/NSO Designation

Acknowledgements:

- **Collaboration**
 - **Geoff Huntington, Director of Strategic Initiatives**
 - **Oregon Consensus**
- **Riparian strategy**
 - **Gordie Reeves**
 - **Deanne Carlson**
- **Spatial Analysis**
 - **Deanne Carlson**
- **Exploratory committee**
 - **Katy Kavanagh** – Associate Dean of Research
 - **Matt Betts** – Landscape ecologist (emphasis on biodiversity)
 - **Ashley D’Antonio** – Recreational ecologist (managing environmental consequences of nature-based recreation)
 - **Shannon Murray** – College of Forestry (Continuing Education Program Coordinator)
 - **Klaus Peuttmann**– Silviculture managing for complexity (focus on forest ecology)
 - **Meg Krawchuk** – Landscape ecologist (fire & conservation science)
 - **John Sessions** –Forest Engineer (Forest Operations Planning & Management)
 - **Ben Leshchinsky** – Geotechnical engineer with a focus on forest road design, hydrologic process, landslides, slope stability
 - **Jennifer Bakke** – Wildlife Biologist (Environmental services manager with Hancock Natural Resource Group)
 - **Clark Binkley** – Institute for Working Landscapes Board Chair and Managing Director