



Report: Landscape Fire Behavior (Basic) Summary Report

Model Output Name: Pike2

Landscape Name: Allegany Pike

Landfire Version: LF 2022

Landscape Acres (unbuffered): 245,701

Area of Interest Name: pliocien

Area of Interest Acres: 76,256

Prepared for: Barry Callenberger

Jan 14, 2025

Model Characteristics

Model Run Name: Pike2

Model Output Type: Landscape Fire Behavior
(Basic)

Model Run Resolution: 30 m

Model Run Date: Jan 8, 2025 05:21:08 PM

Landscape Name: Allegany Pike

Landfire Version: LF 2022

Landscape Acres (unbuffered): 245,701

Area of Interest Name: pliocien

Area of Interest Acres: 76,256

Wind Type: Gridded Winds

Wind Speed: 20 mph

Wind Direction: 249 deg

Crown Fire Method: Finney

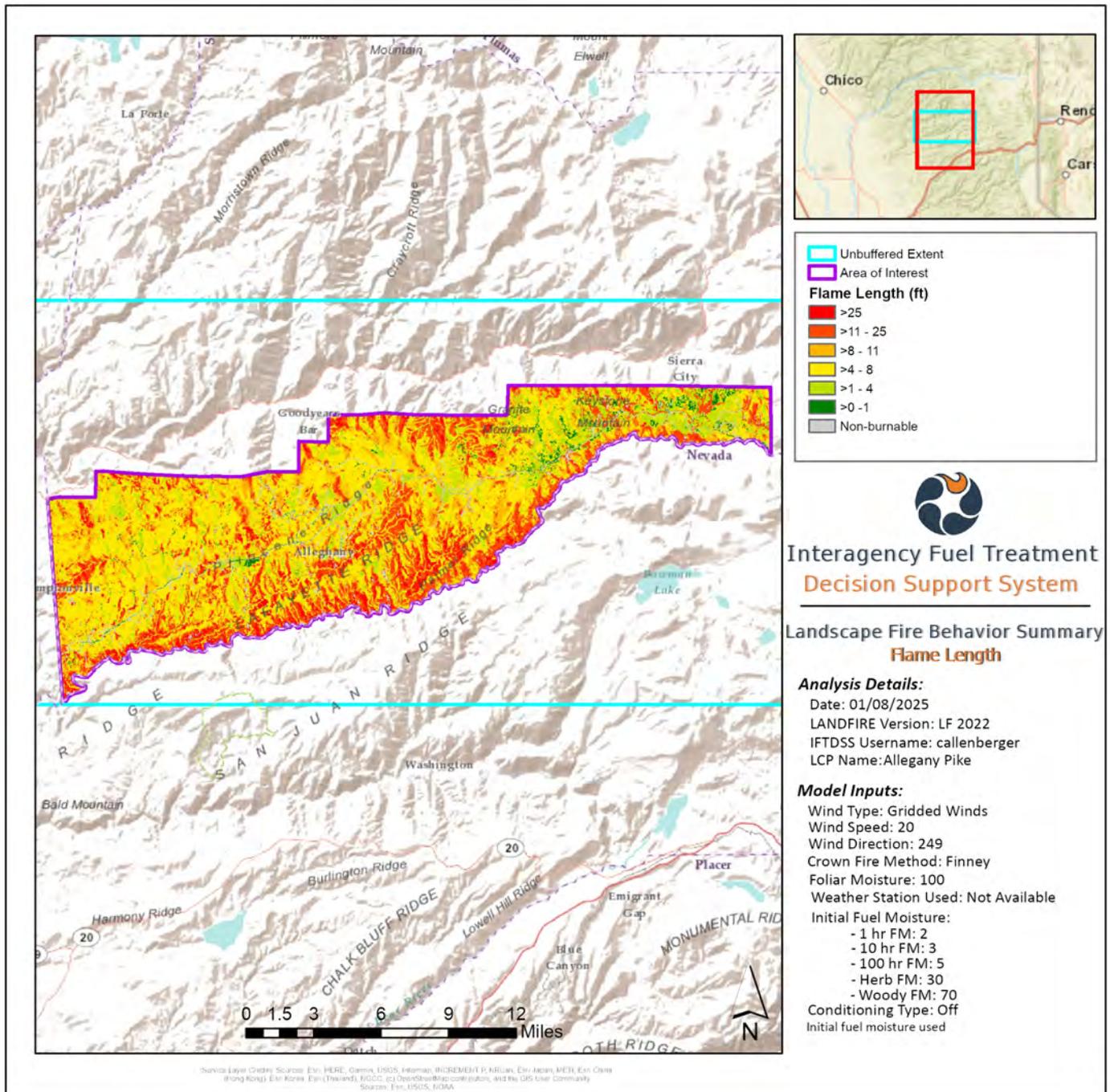
Foliar Moisture: 100

Conditioning: Off - Initial fuel moisture used

Fuel Model	1 Hr Fuel Moisture	10 Hr Fuel Moisture	100 Hr Fuel Moisture	Live Herbaceous Fuel Moisture	Live Woody Fuel Moisture
All	2%	3%	5%	30%	70%

Flame Length

Flame Length (feet) Data Summary for Area of Interest "pliocien" within "Pike2" Model Output



Flame Length

Flame Length (feet) Data Summary for Area of Interest "pliocien" within "Pike2" Model Output

Model Output Name: Pike2

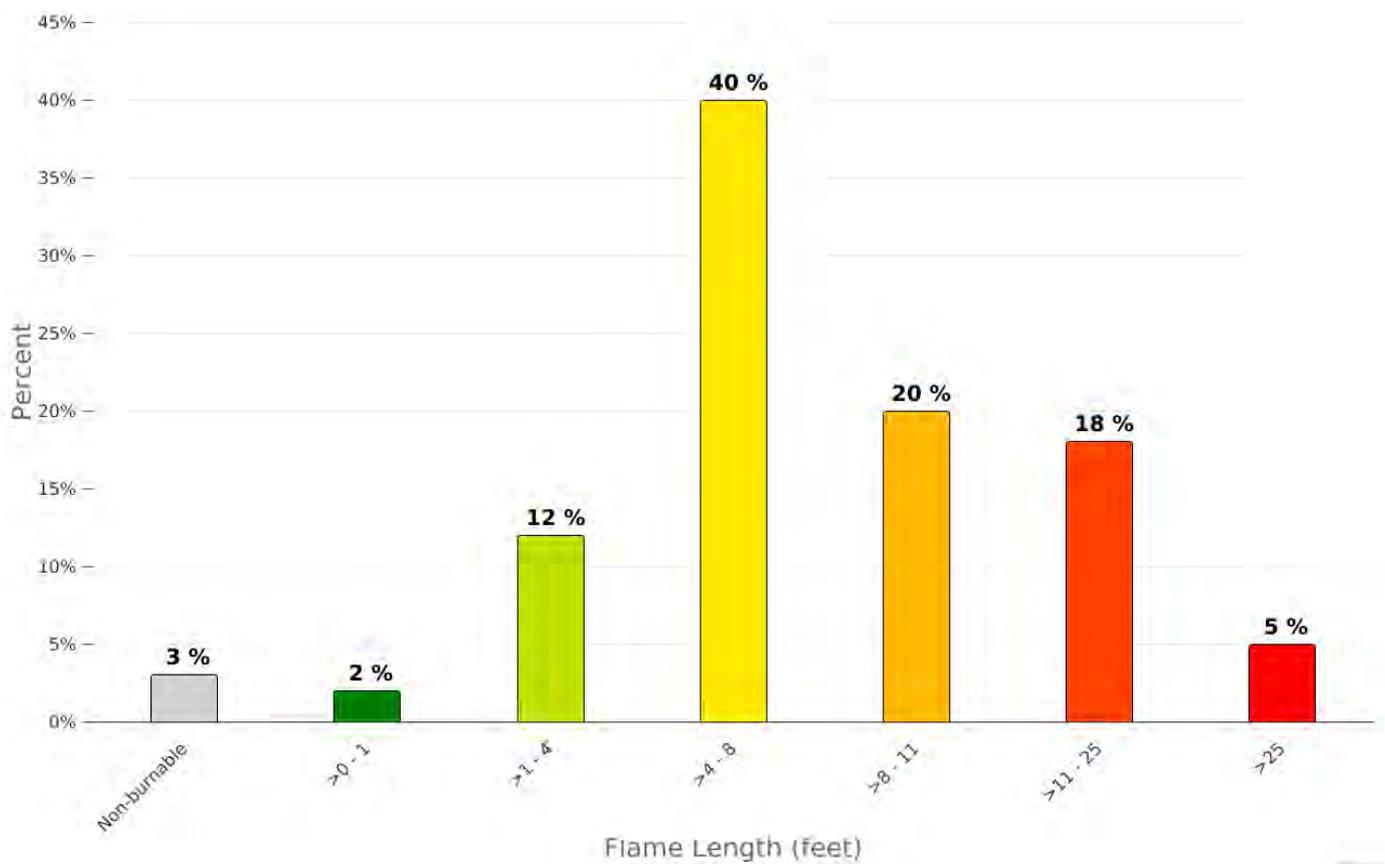
Landscape Name: Allegany Pike

Landfire Version: LF 2022

Landscape Acres (unbuffered): 245,701

Area of Interest Name: pliocien

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Flame Length

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Model Output Name: Pike2

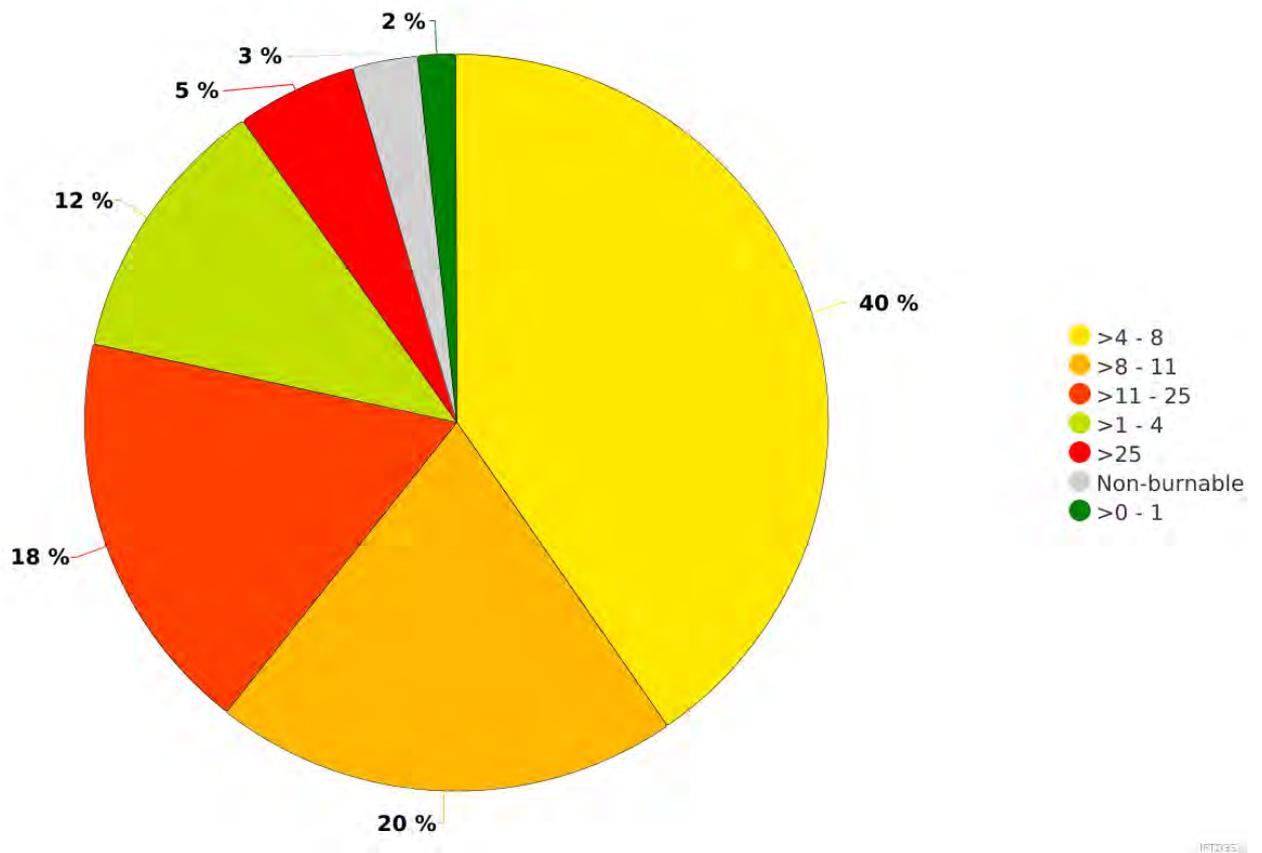
Landscape Name: Allegany Pike

Landfire Version: LF 2022

Landscape Acres (unbuffered): 245,701

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Flame Length

Flame Length (feet) Data Summary for Area of Interest "pliocien" within "Pike2" Model Output

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Landscape Name: Allegany Pike

Landfire Version: LF 2022

Landscape Acres (unbuffered): 245,701

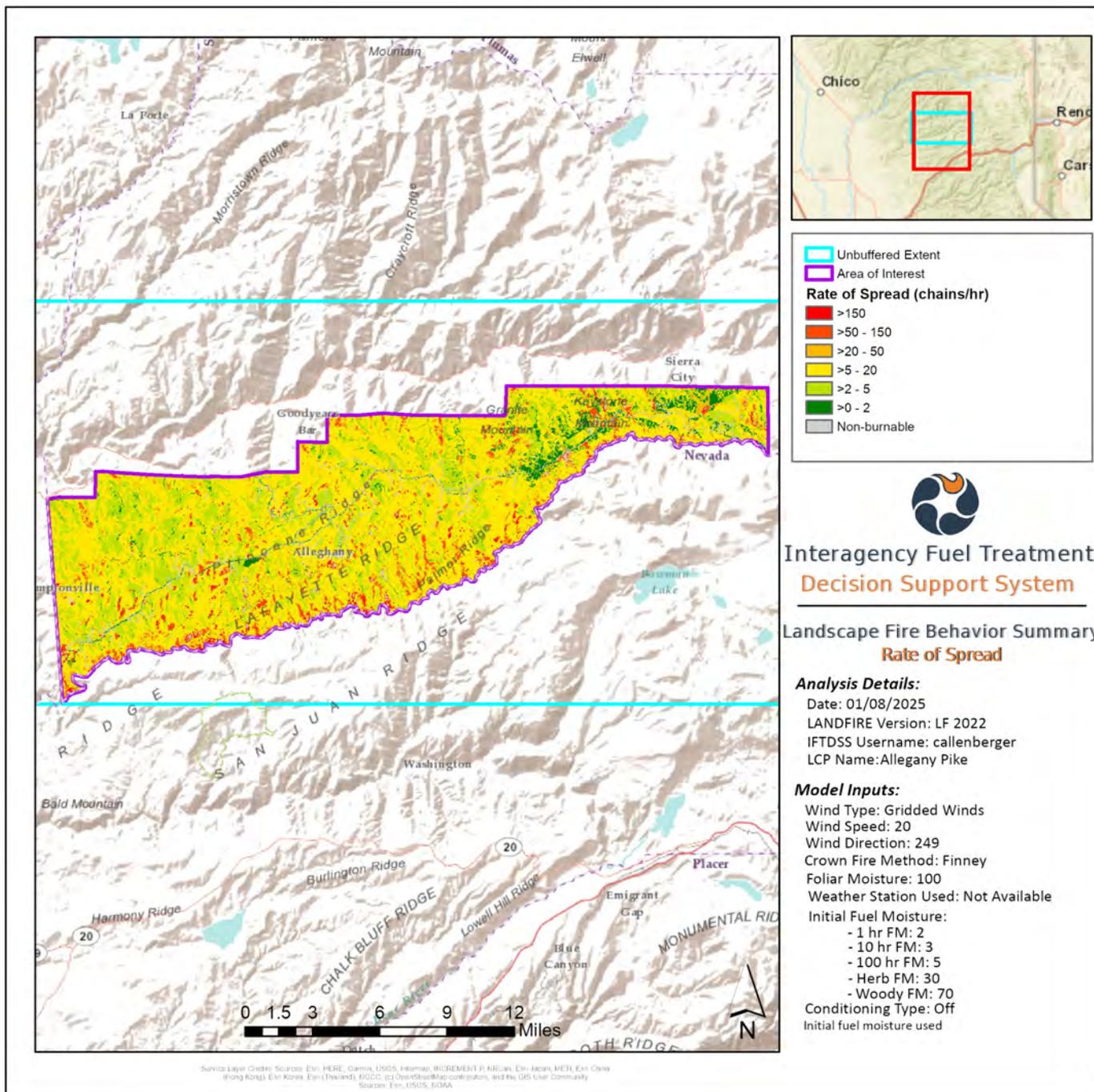
Area of Interest Name: pliocien

Area of Interest Acres: 76,256

Flame Length (feet)	Pixel Count In AOI	Acres In AOI	Percent In AOI
Non-burnable	9,753	2,169	3%
>0 - 1	5,676	1,262	2%
>1 - 4	40,596	9,028	12%
>4 - 8	138,465	30,794	40%
>8 - 11	69,462	15,448	20%
>11 - 25	60,979	13,561	18%
>25	17,954	3,993	5%

Rate of Spread

Rate of Spread (chains/hr) Data Summary for Area of Interest "pliocien" within "Pike2" Model Output



Rate of Spread

Rate of Spread (chains/hr) Data Summary for Area of Interest "pliocien" within "Pike2" Model Output

Model Output Name: Pike2

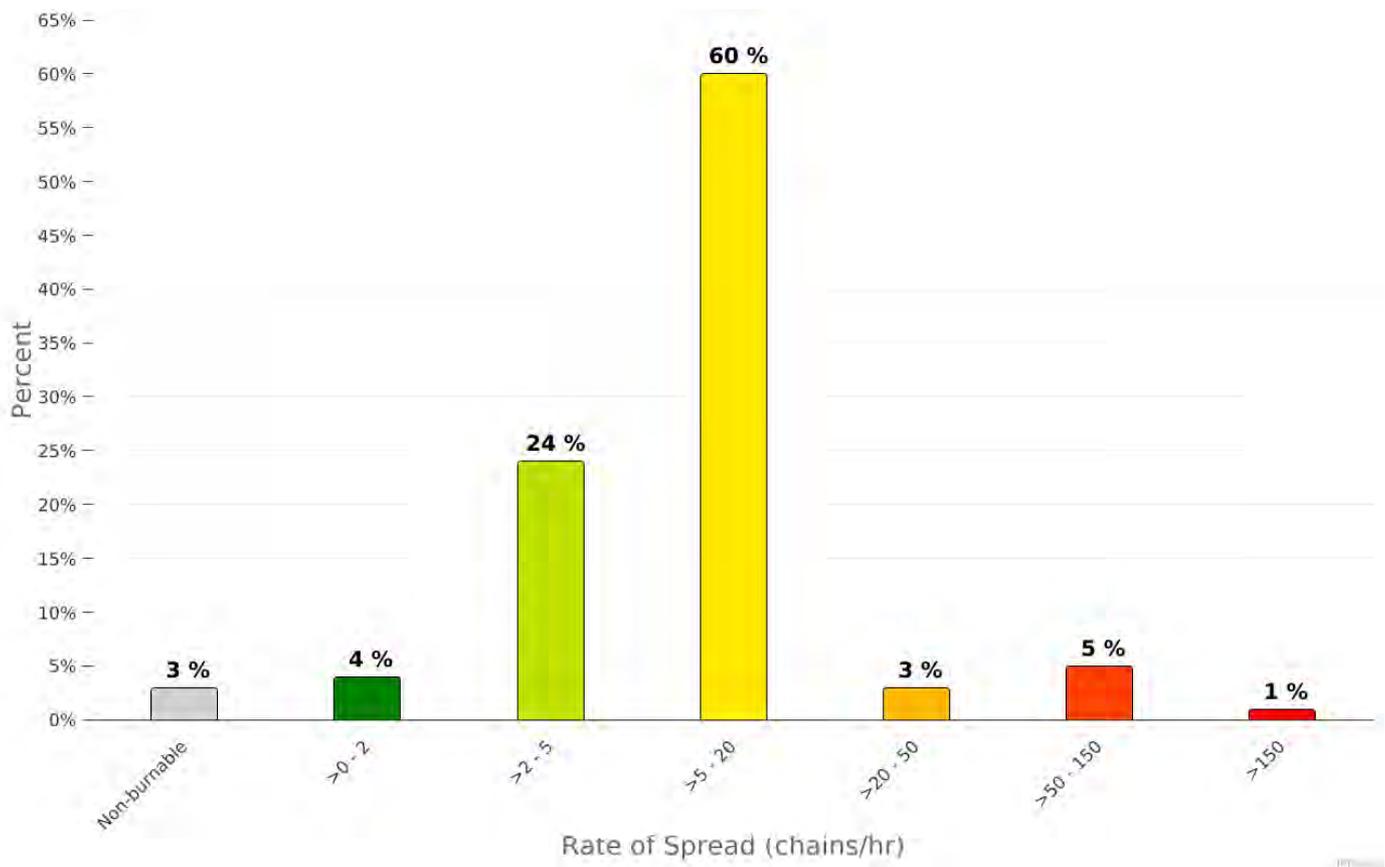
Landscape Name: Allegany Pike

Landfire Version: LF 2022

Landscape Acres (unbuffered): 245,701

Area of Interest Name: pliocien

Area of Interest Acres: 76,256



Rate of Spread

Rate of Spread (chains/hr) Data Summary for Area of Interest "pliocien" within "Pike2" Model Output

Model Output Name: Pike2

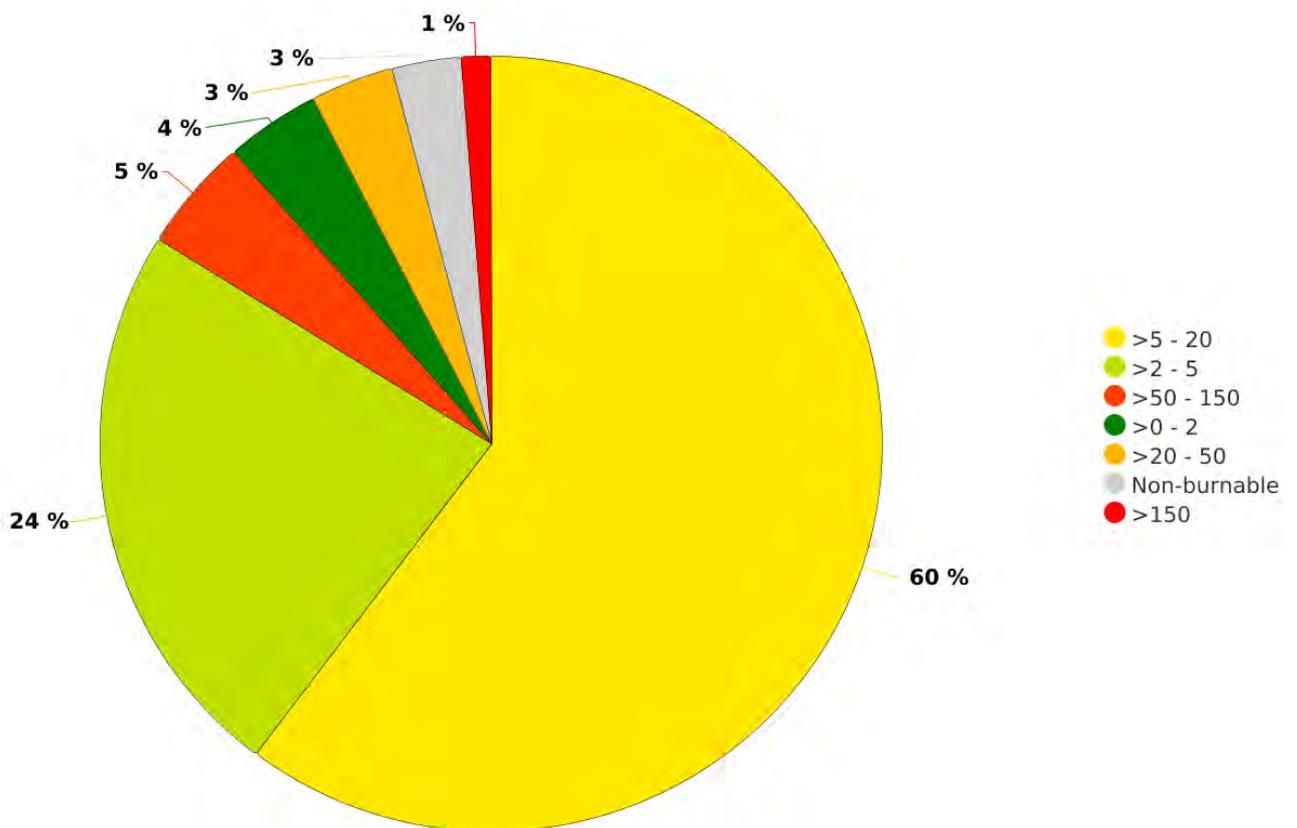
Landscape Name: Allegany Pike

Landfire Version: LF 2022

Landscape Acres (unbuffered): 245,701

Area of Interest Name: pliocien

Area of Interest Acres: 76,256



Rate of Spread

Rate of Spread (chains/hr) Data Summary for Area of Interest "pliocien" within "Pike2" Model Output

Model Output Name: Pike2

Landscape Name: Allegany Pike

Landfire Version: LF 2022

Landscape Acres (unbuffered): 245,701

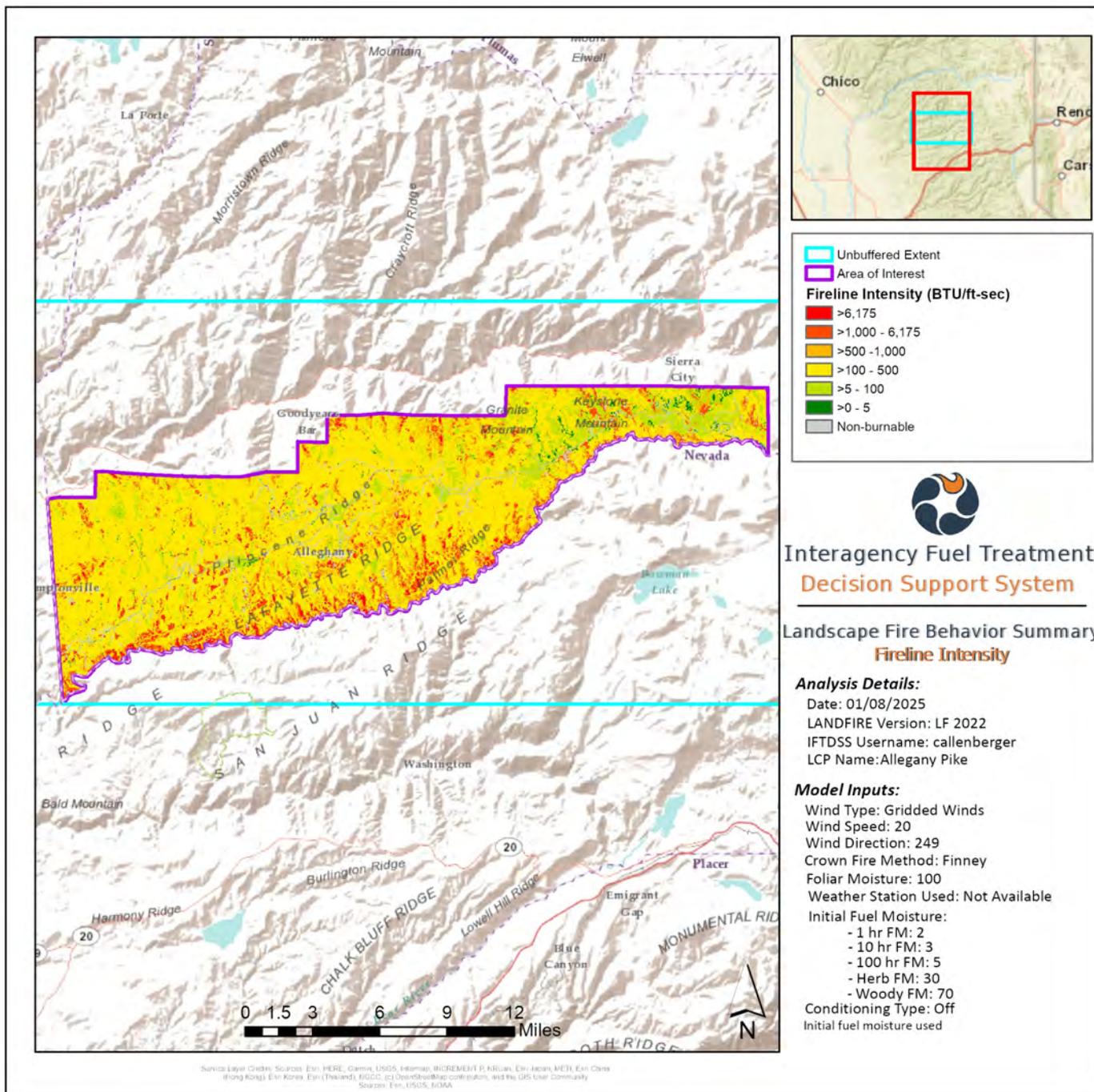
Area of Interest Name: pliocien

Area of Interest Acres: 76,256

Rate of Spread (chains/hr)	Pixel Count In AOI	Acres In AOI	Percent In AOI
Non-burnable	9,753	2,169	3%
>0 - 2	13,377	2,975	4%
>2 - 5	80,834	17,977	24%
>5 - 20	206,594	45,945	60%
>20 - 50	11,849	2,635	3%
>50 - 150	16,210	3,605	5%
>150	4,268	949	1%

Fireline Intensity

Fireline Intensity (BTU/ft-sec) Data Summary for Area of Interest "pliocien" within "Pike2" Model Output



Fireline Intensity

Fireline Intensity (BTU/ft-sec) Data Summary for Area of Interest "pliocien" within "Pike2" Model Output

Model Output Name: Pike2

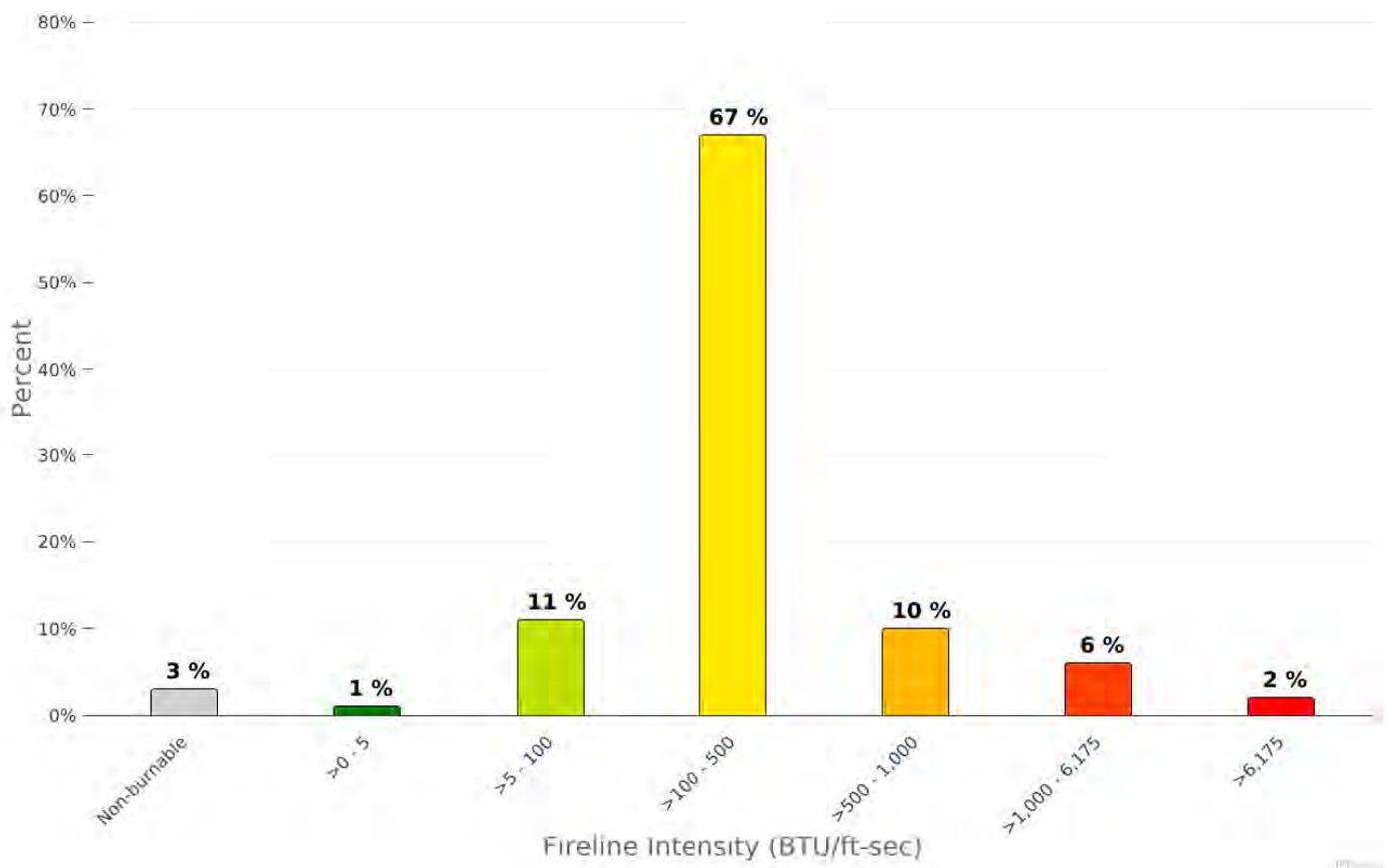
Landscape Name: Allegany Pike

Landfire Version: LF 2022

Landscape Acres (unbuffered): 245,701

Area of Interest Name: pliocien

Area of Interest Acres: 76,256



Fireline Intensity

Fireline Intensity (BTU/ft-sec) Data Summary for Area of Interest "pliocien" within "Pike2" Model Output

Model Output Name: Pike2

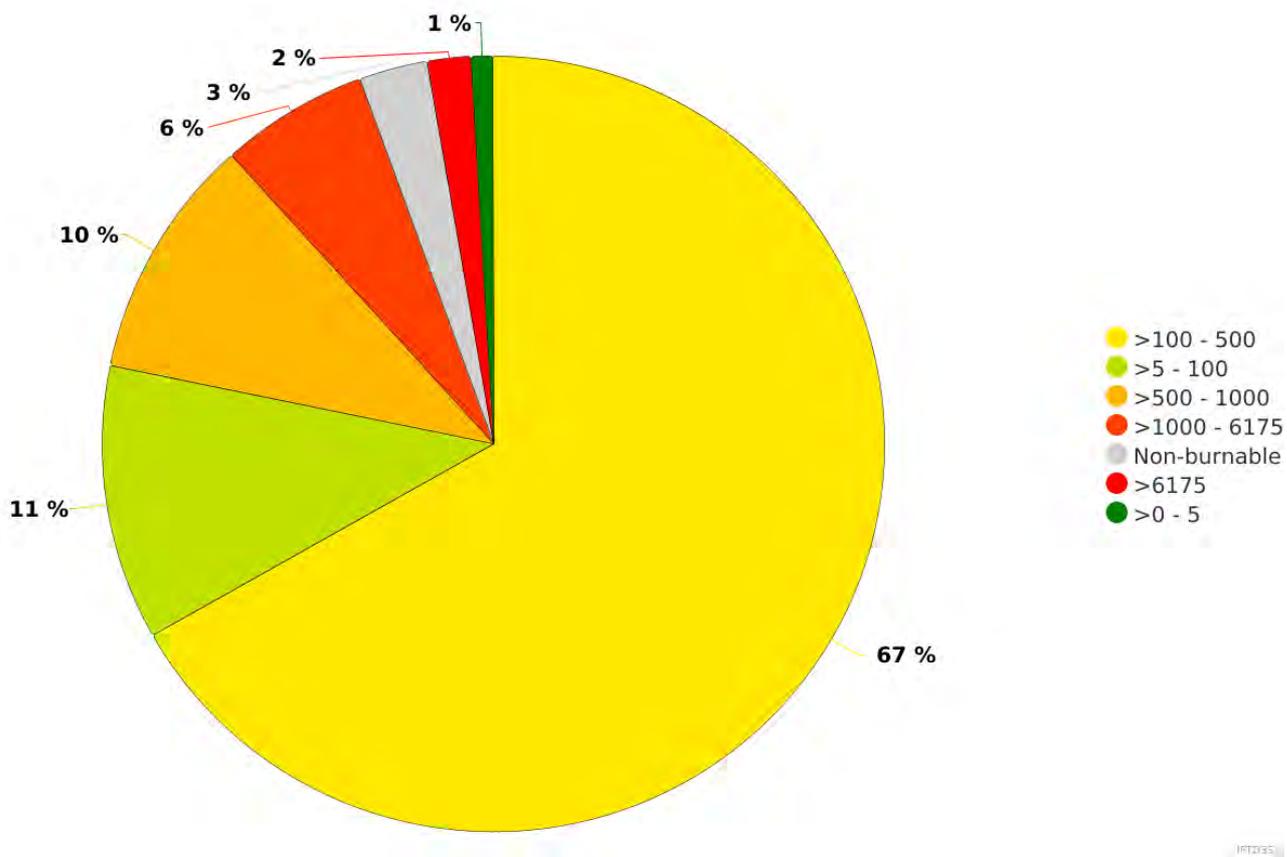
Landscape Name: Allegany Pike

Landfire Version: LF 2022

Landscape Acres (unbuffered): 245,701

Area of Interest Name: pliocien

Area of Interest Acres: 76,256



Fireline Intensity

Fireline Intensity (BTU/ft-sec) Data Summary for Area of Interest "pliocien" within "Pike2" Model Output

Model Output Name: Pike2

Landscape Name: Allegany Pike

Landfire Version: LF 2022

Landscape Acres (unbuffered): 245,701

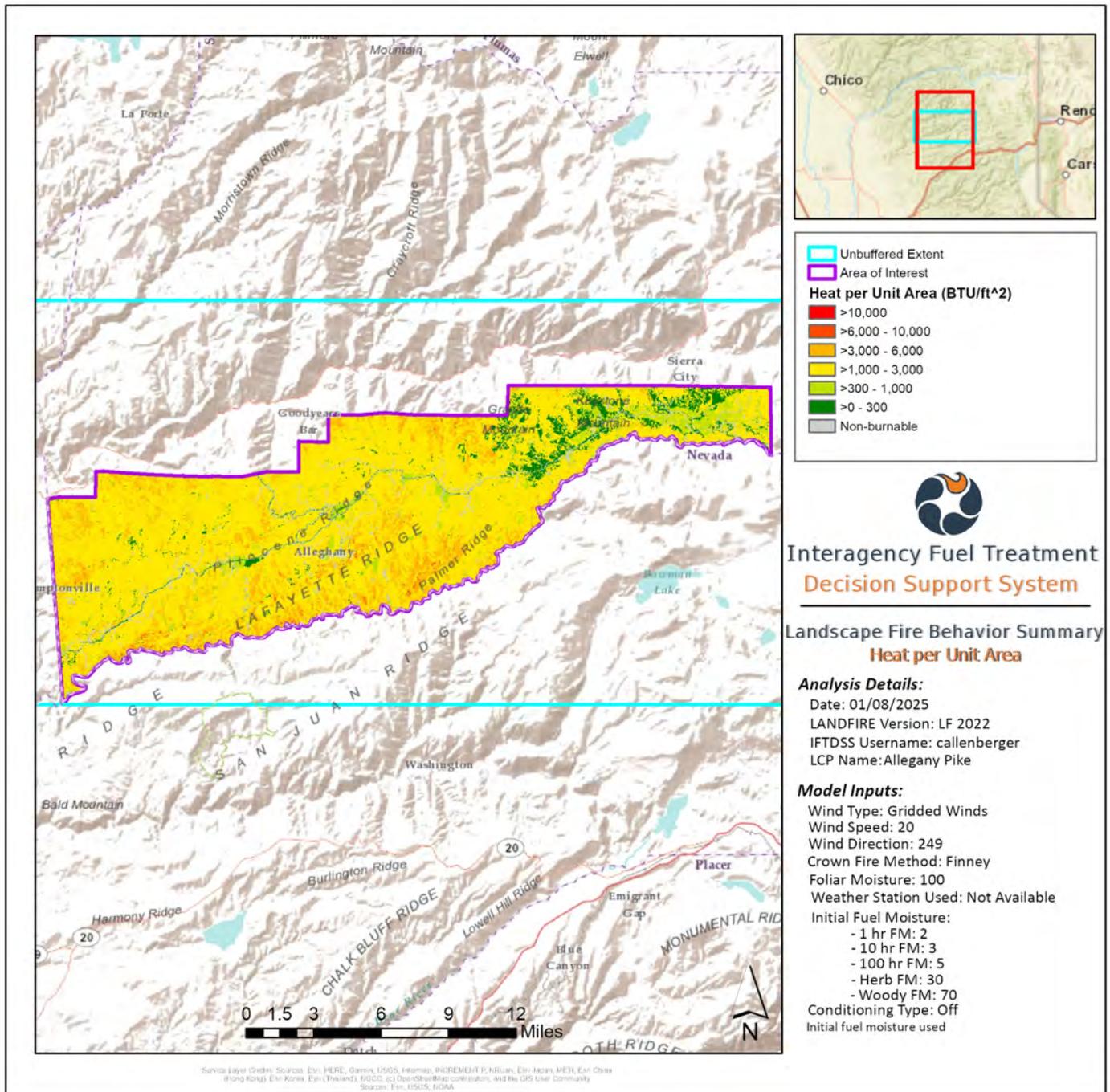
Area of Interest Name: pliocien

Area of Interest Acres: 76,256

Fireline Intensity (BTU/ft-sec)	Pixel Count In AOI	Acres In AOI	Percent In AOI
Non-burnable	9,753	2,169	3%
>0 - 5	3,156	702	1%
>5 - 100	39,338	8,749	11%
>100 - 500	229,007	50,930	67%
>500 - 1,000	34,445	7,660	10%
>1,000 - 6,175	21,110	4,695	6%
>6,175	6,076	1,351	2%

Heat per Unit Area

Heat per Unit Area (BTU/ft²) Data Summary for Area of Interest "pliocien" within "Pike2" Model Output



Heat per Unit Area

Heat per Unit Area (BTU/ft²) Data Summary for Area of Interest "pliocien" within "Pike2" Model Output

Model Output Name: Pike2

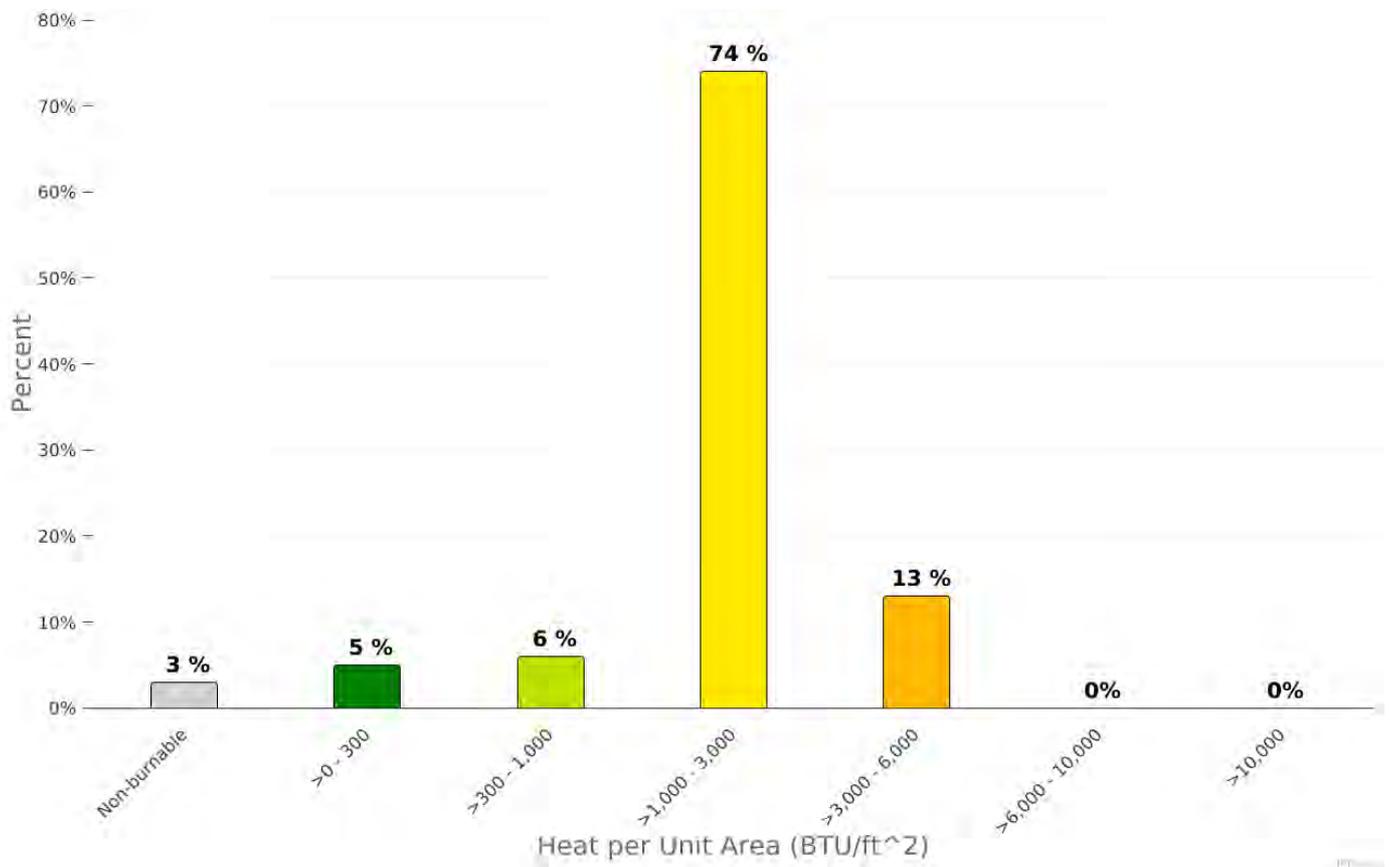
Landscape Name: Allegany Pike

Landfire Version: LF 2022

Landscape Acres (unbuffered): 245,701

Area of Interest Name: pliocien

Area of Interest Acres: 76,256



Heat per Unit Area

Heat per Unit Area (BTU/ft²) Data Summary for Area of Interest "pliocien" within "Pike2" Model Output

Model Output Name: Pike2

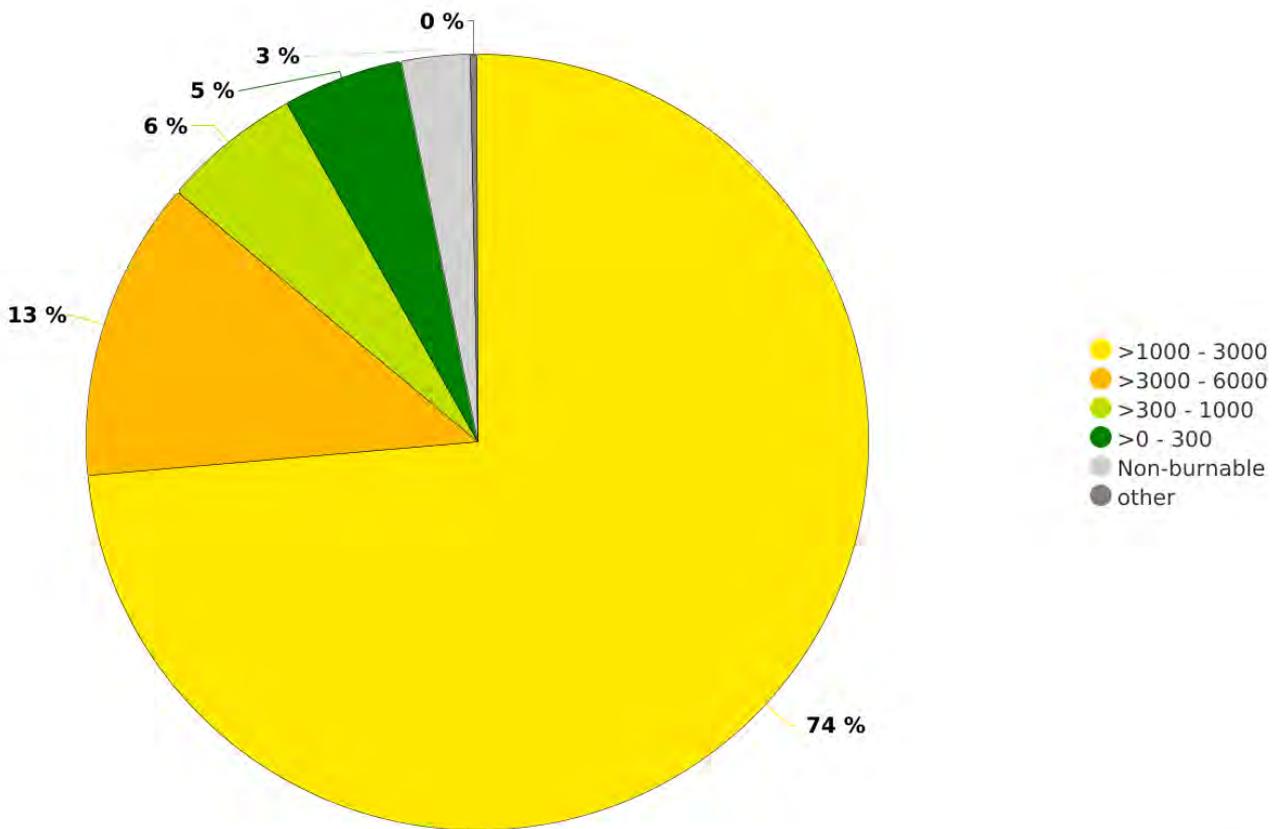
Landscape Name: Allegany Pike

Landfire Version: LF 2022

Landscape Acres (unbuffered): 245,701

Area of Interest Name: pliocien

Area of Interest Acres: 76,256



Heat per Unit Area

Heat per Unit Area (BTU/ft²) Data Summary for Area of Interest "pliocien" within "Pike2" Model Output

Model Output Name: Pike2

Landscape Name: Allegany Pike

Landfire Version: LF 2022

Landscape Acres (unbuffered): 245,701

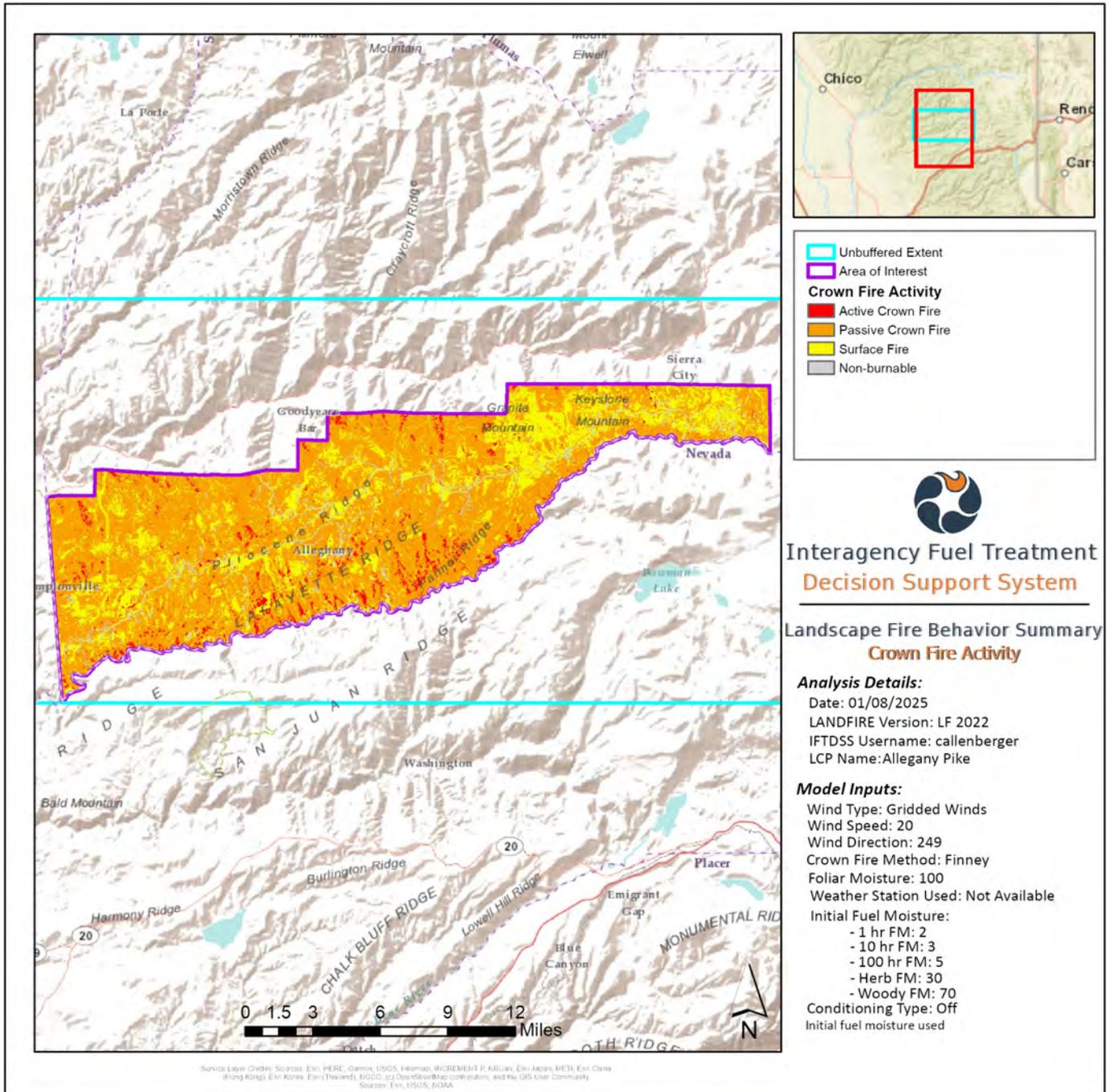
Area of Interest Name: pliocien

Area of Interest Acres: 76,256

Heat per Unit Area (BTU/ft ²)	Pixel Count In AOI	Acres In AOI	Percent In AOI
Non-burnable	9,753	2,169	3%
>0 - 300	17,019	3,785	5%
>300 - 1,000	19,755	4,393	6%
>1,000 - 3,000	252,387	56,130	74%
>3,000 - 6,000	42,937	9,549	13%
>6,000 - 10,000	1,034	230	0%
>10,000	0	0	0%

Crown Fire Activity

Crown Fire Activity Data Summary for Area of Interest "pliocien" within "Pike2" Model Output



Crown Fire Activity

Crown Fire Activity Data Summary for Area of Interest "pliocien" within "Pike2" Model Output

Model Output Name: Pike2

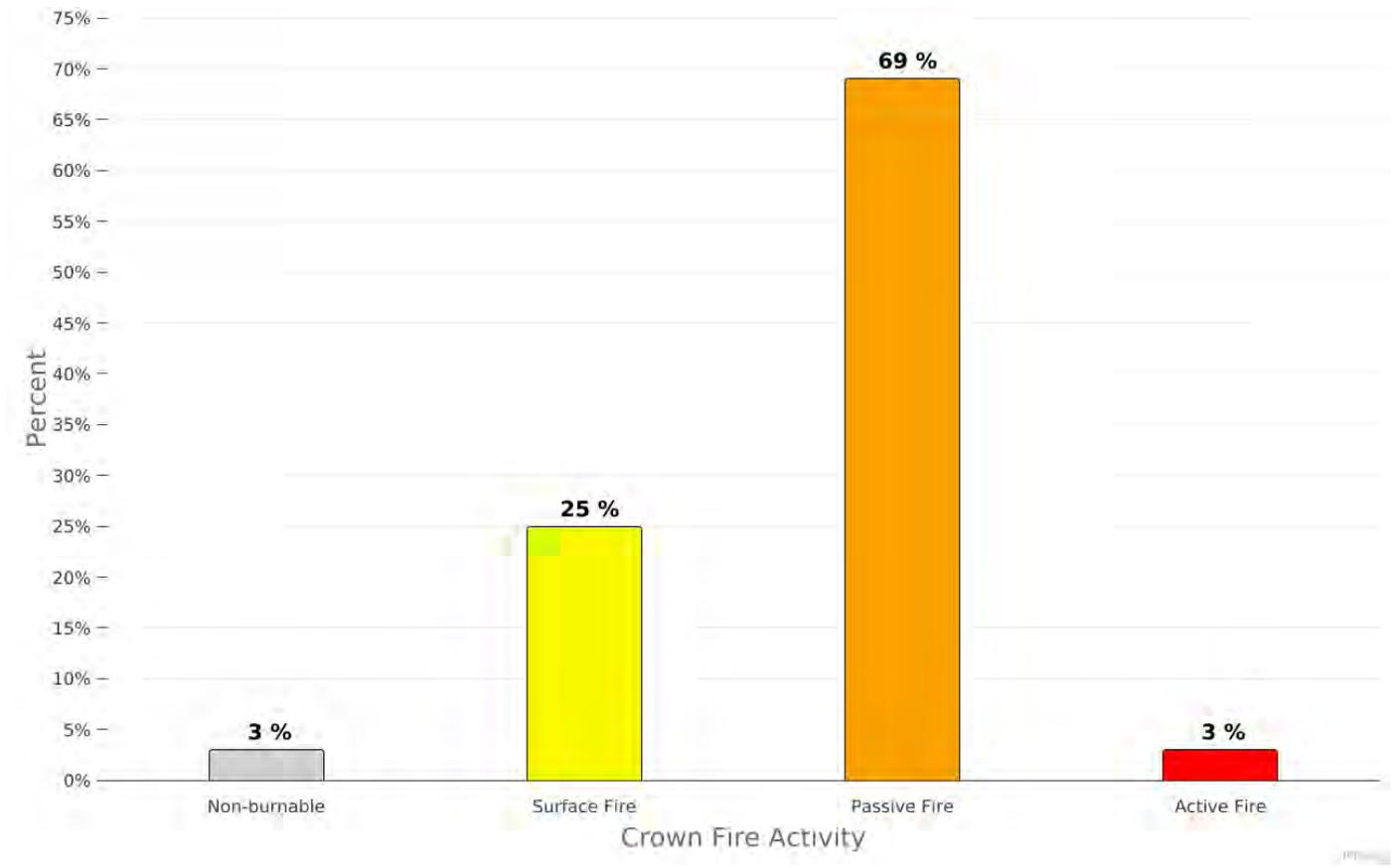
Landscape Name: Allegany Pike

Landfire Version: LF 2022

Landscape Acres (unbuffered): 245,701

Area of Interest Name: pliocien

Area of Interest Acres: 76,256



Crown Fire Activity

Crown Fire Activity Data Summary for Area of Interest "pliocien" within "Pike2" Model Output

Model Output Name: Pike2

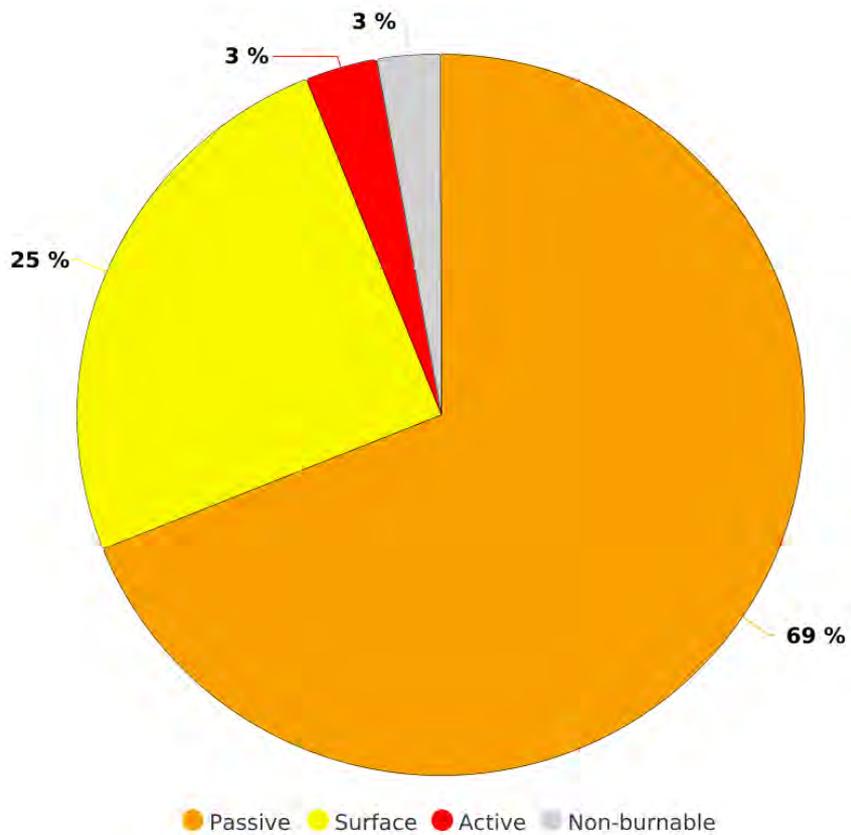
Landscape Name: Allegany Pike

Landfire Version: LF 2022

Landscape Acres (unbuffered): 245,701

Area of Interest Name: pliocien

Area of Interest Acres: 76,256



Crown Fire Activity

Crown Fire Activity Data Summary for Area of Interest "pliocien" within "Pike2" Model Output

Model Output Name: Pike2

Landscape Name: Allegany Pike

Landfire Version: LF 2022

Landscape Acres (unbuffered): 245,701

Area of Interest Name: pliocien

Area of Interest Acres: 76,256

Crown Fire Activity	Pixel Count In AOI	Acres In AOI	Percent In AOI
Non-burnable	9,753	2,169	3%
Surface Fire	85,866	19,096	25%
Passive Fire	236,357	52,565	69%
Active Fire	10,909	2,426	3%



Report: Landscape Fire Behavior (Basic) Summary Report

Model Output Name: Sierra City 1

Landscape Name: Sierra City FPD

Landfire Version: LF 2023

Landscape Acres (unbuffered): 200,171

Area of Interest Name: sierra city

Area of Interest Acres: 70,529

Prepared for: Barry Callenberger

Apr 1, 2025

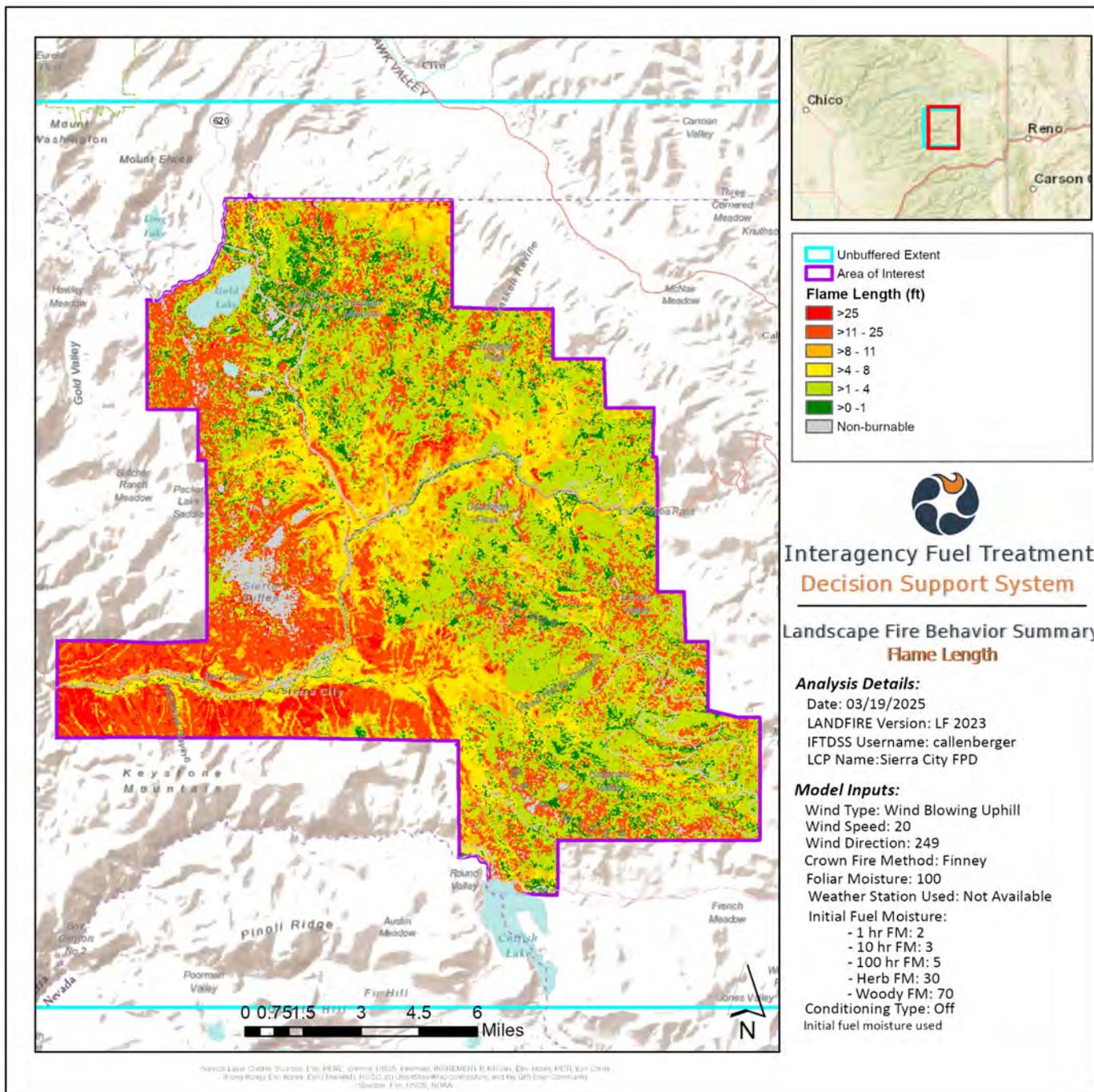
Model Characteristics

Model Run Name: Sierra City 1
Model Output Type: Landscape Fire Behavior
(Basic)
Model Run Resolution: 30 m
Model Run Date: Mar 19, 2025 04:44:25 PM
Landscape Name: Sierra City FPD
Landfire Version: LF 2023
Landscape Acres (unbuffered): 200,171
Area of Interest Name: sierra city
Area of Interest Acres: 70,529
Wind Type: Wind Blowing Uphill
Wind Speed: 20 mph
Wind Direction: 249 deg
Crown Fire Method: Finney
Foliar Moisture: 100
Conditioning: Off - Initial fuel moisture used

Fuel Model	1 Hr Fuel Moisture	10 Hr Fuel Moisture	100 Hr Fuel Moisture	Live Herbaceous Fuel Moisture	Live Woody Fuel Moisture
All	2%	3%	5%	30%	70%

Flame Length

Flame Length (feet) Data Summary for Area of Interest "sierra city" within "Sierra City 1" Model Output



Flame Length

Flame Length (feet) Data Summary for Area of Interest "sierra city" within "Sierra City 1" Model Output

Model Output Name: Sierra City 1

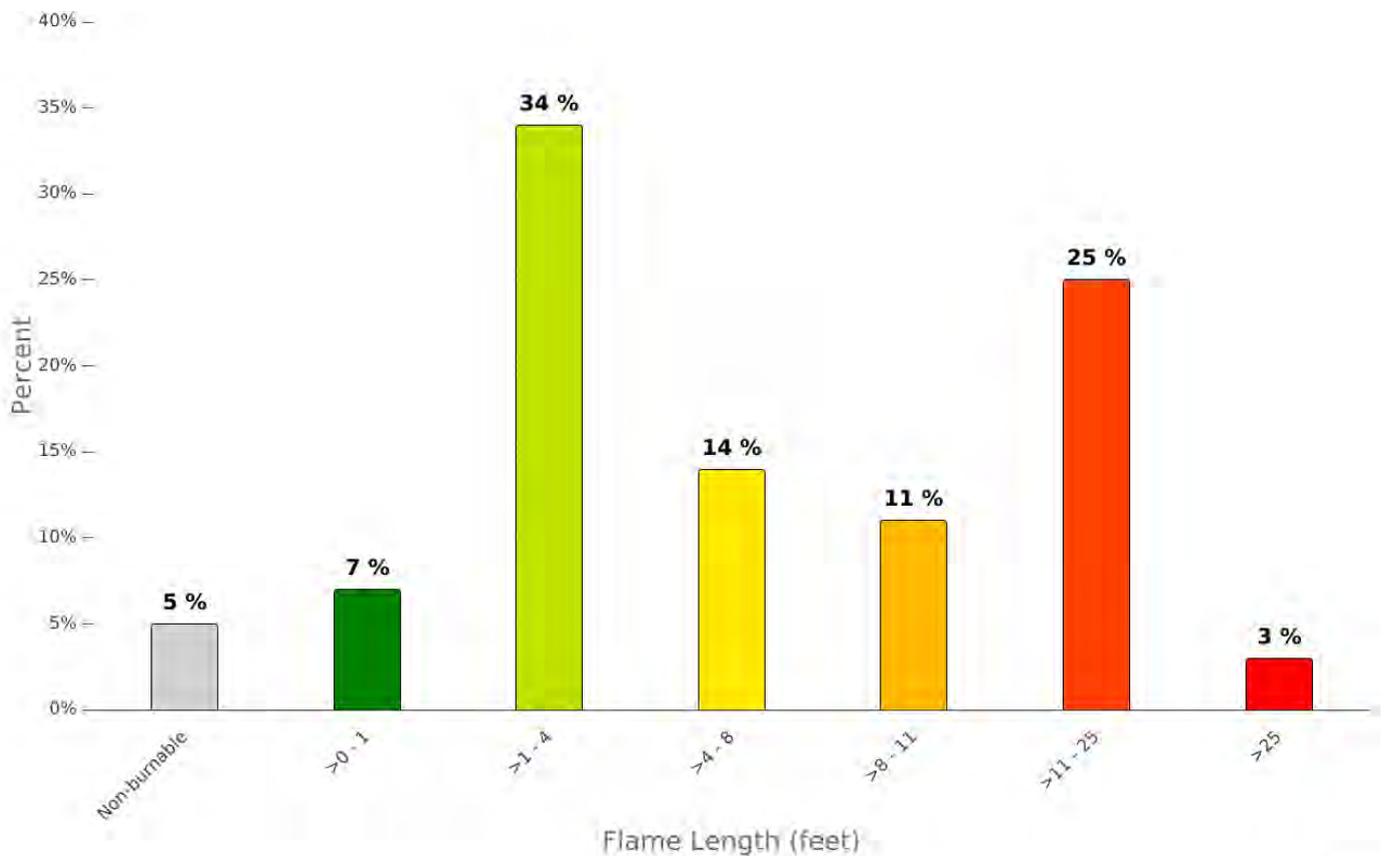
Landscape Name: Sierra City FPD

Landfire Version: LF 2023

Landscape Acres (unbuffered): 200,171

Area of Interest Name: sierra city

Area of Interest Acres: 70,529



Flame Length

Flame Length (feet) Data Summary for Area of Interest "sierra city" within "Sierra City 1" Model Output

Model Output Name: Sierra City 1

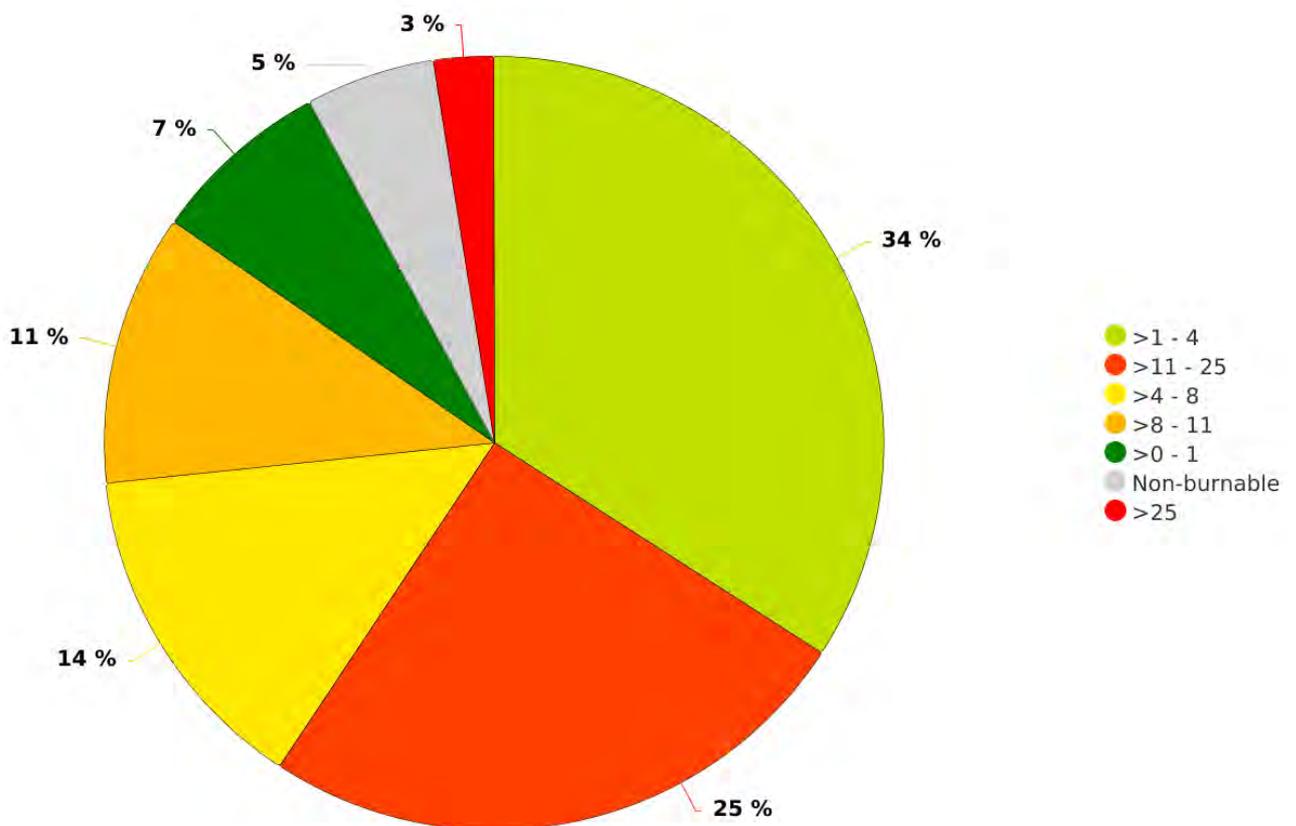
Landscape Name: Sierra City FPD

Landfire Version: LF 2023

Landscape Acres (unbuffered): 200,171

Area of Interest Name: sierra city

Area of Interest Acres: 70,529



Flame Length

Flame Length (feet) Data Summary for Area of Interest "sierra city" within "Sierra City 1" Model Output

Model Output Name: Sierra City 1

Landscape Name: Sierra City FPD

Landfire Version: LF 2023

Landscape Acres (unbuffered): 200,171

Area of Interest Name: sierra city

Area of Interest Acres: 70,529

Flame Length (feet)	Pixel Count In AOI	Acres In AOI	Percent In AOI
Non-burnable	17,042	3,790	5%
>0 - 1	23,639	5,257	7%
>1 - 4	108,211	24,066	34%
>4 - 8	44,537	9,905	14%
>8 - 11	35,991	8,004	11%
>11 - 25	79,782	17,743	25%
>25	7,934	1,764	3%

Rate of Spread

Rate of Spread (chains/hr) Data Summary for Area of Interest "sierra city" within "Sierra City 1" Model Output

Model Output Name: Sierra City 1

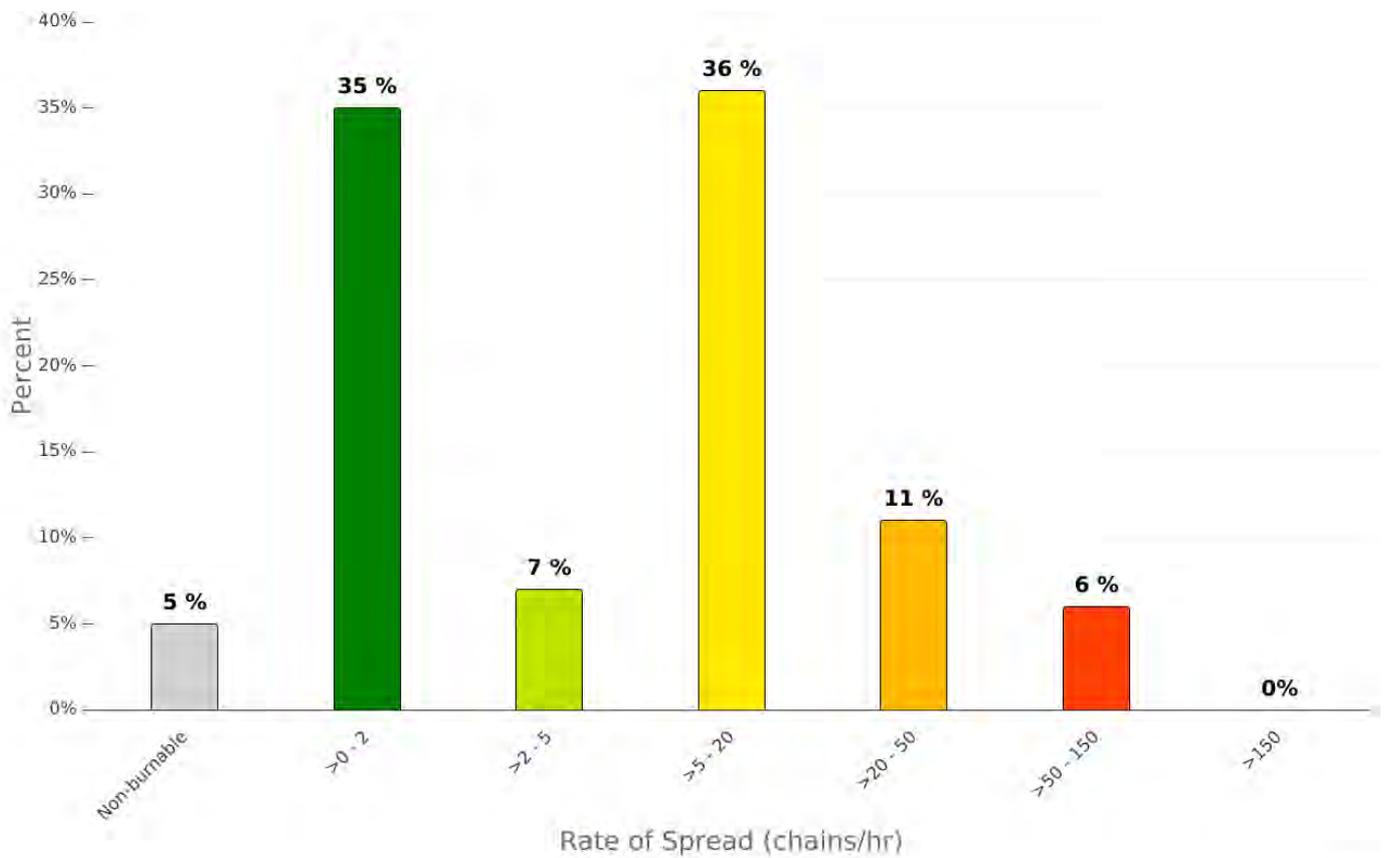
Landscape Name: Sierra City FPD

Landfire Version: LF 2023

Landscape Acres (unbuffered): 200,171

Area of Interest Name: sierra city

Area of Interest Acres: 70,529



Rate of Spread

Rate of Spread (chains/hr) Data Summary for Area of Interest "sierra city" within "Sierra City 1" Model Output

Model Output Name: Sierra City 1

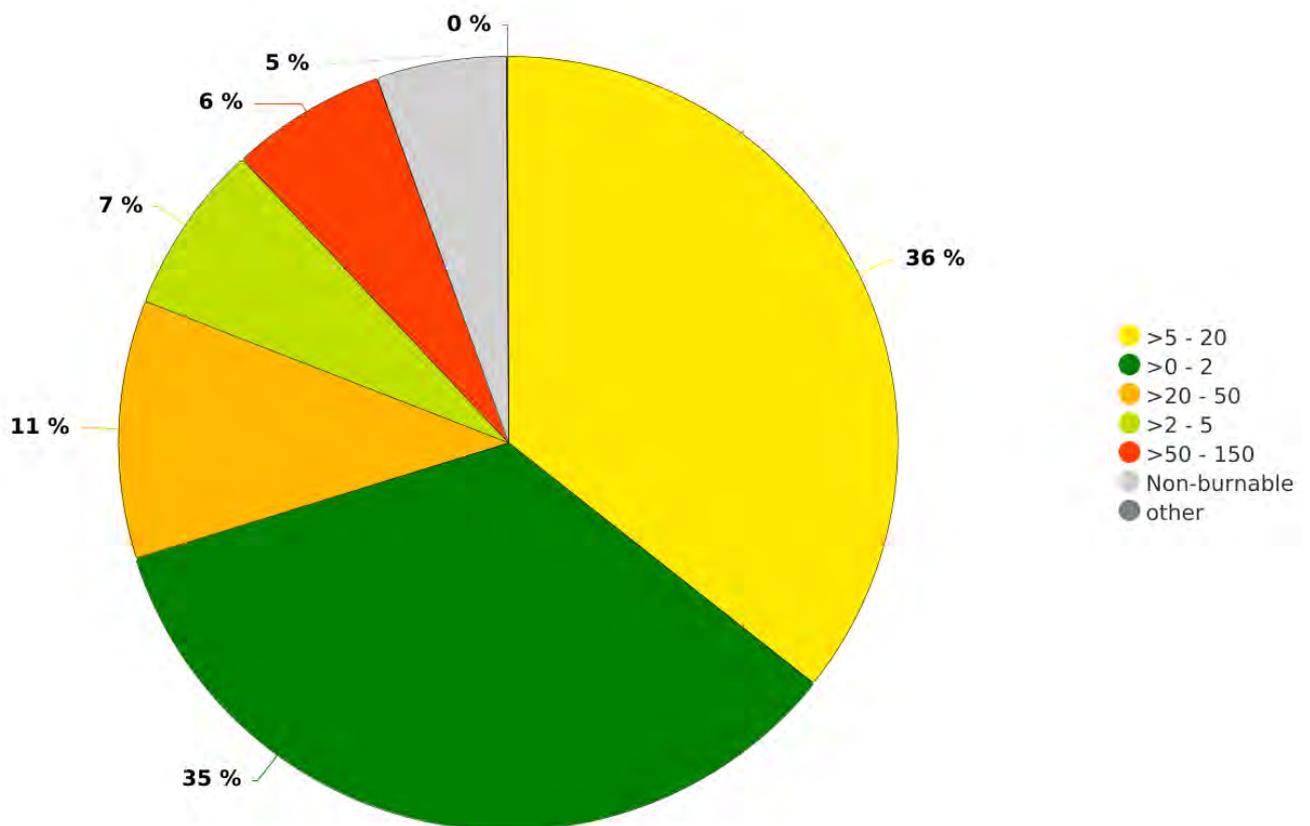
Landscape Name: Sierra City FPD

Landfire Version: LF 2023

Landscape Acres (unbuffered): 200,171

Area of Interest Name: sierra city

Area of Interest Acres: 70,529



Rate of Spread

Rate of Spread (chains/hr) Data Summary for Area of Interest "sierra city" within "Sierra City 1" Model Output

Model Output Name: Sierra City 1

Landscape Name: Sierra City FPD

Landfire Version: LF 2023

Landscape Acres (unbuffered): 200,171

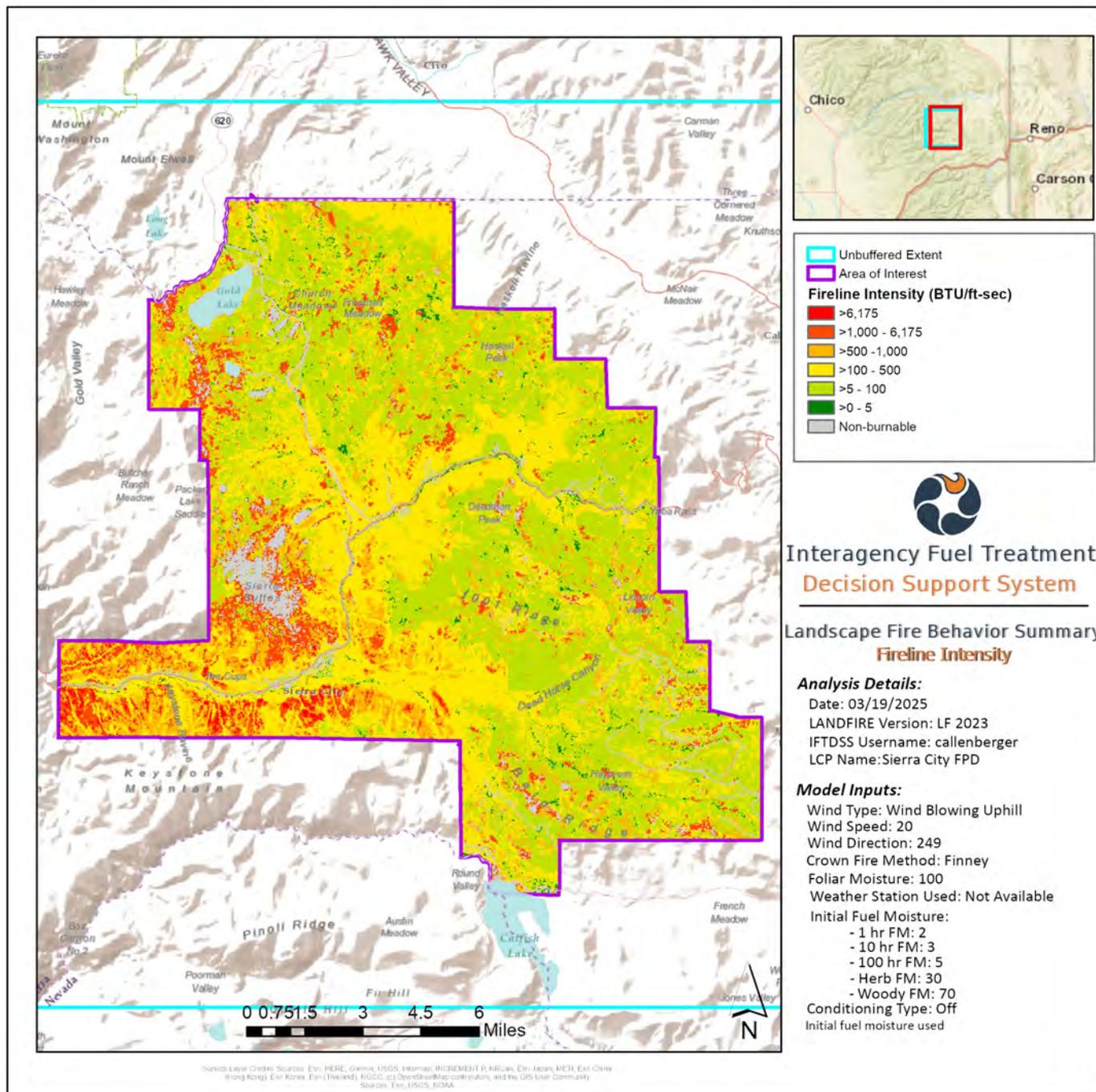
Area of Interest Name: sierra city

Area of Interest Acres: 70,529

Rate of Spread (chains/hr)	Pixel Count In AOI	Acres In AOI	Percent In AOI
Non-burnable	17,042	3,790	5%
>0 - 2	109,421	24,335	35%
>2 - 5	22,648	5,037	7%
>5 - 20	113,107	25,154	36%
>20 - 50	34,177	7,601	11%
>50 - 150	20,564	4,573	6%
>150	177	39	0%

Fireline Intensity

Fireline Intensity (BTU/ft-sec) Data Summary for Area of Interest "sierra city" within "Sierra City 1" Model Output



Fireline Intensity

Fireline Intensity (BTU/ft-sec) Data Summary for Area of Interest "sierra city" within "Sierra City 1" Model Output

Model Output Name: Sierra City 1

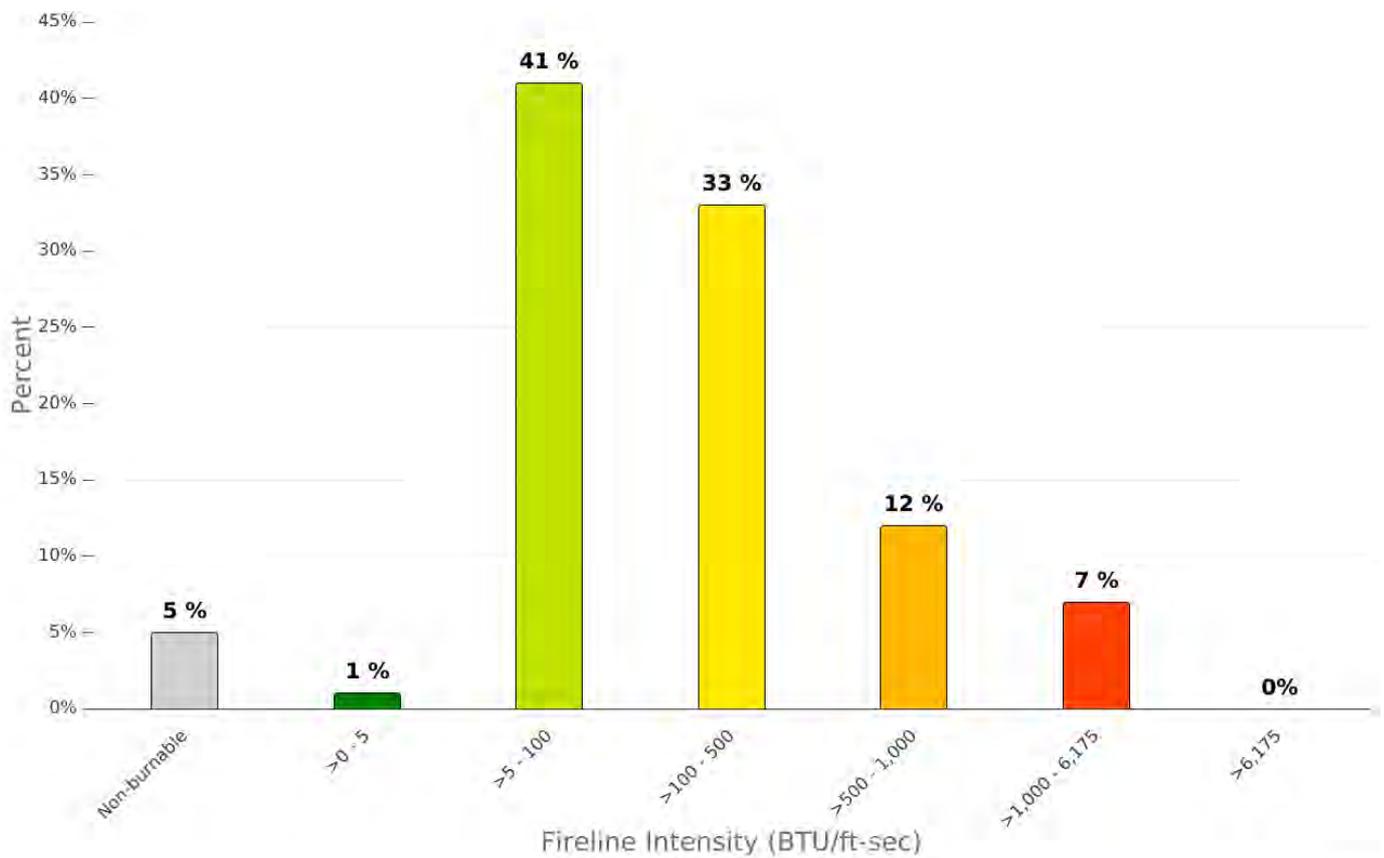
Landscape Name: Sierra City FPD

Landfire Version: LF 2023

Landscape Acres (unbuffered): 200,171

Area of Interest Name: sierra city

Area of Interest Acres: 70,529



Fireline Intensity

Fireline Intensity (BTU/ft-sec) Data Summary for Area of Interest "sierra city" within "Sierra City 1" Model Output

Model Output Name: Sierra City 1

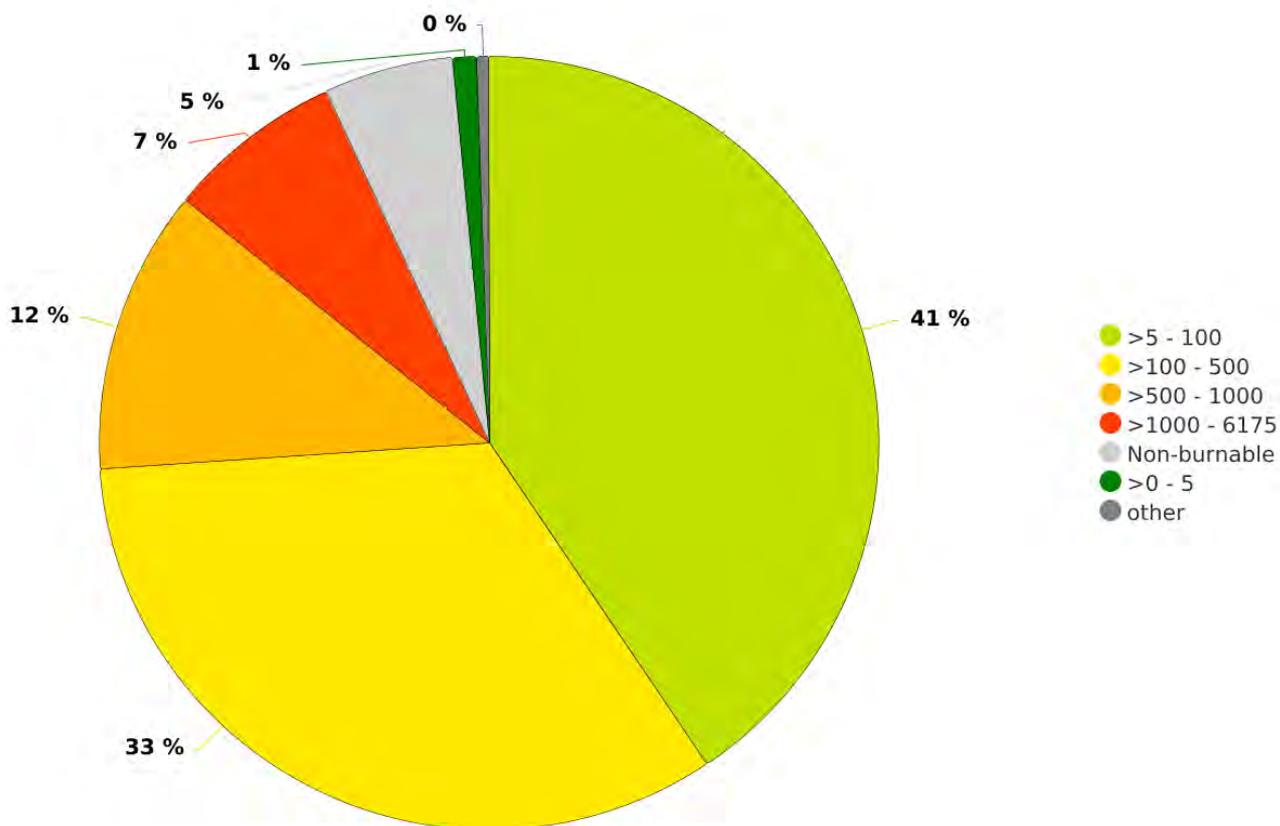
Landscape Name: Sierra City FPD

Landfire Version: LF 2023

Landscape Acres (unbuffered): 200,171

Area of Interest Name: sierra city

Area of Interest Acres: 70,529



Fireline Intensity

Fireline Intensity (BTU/ft-sec) Data Summary for Area of Interest "sierra city" within "Sierra City 1" Model Output

Model Output Name: Sierra City 1

Landscape Name: Sierra City FPD

Landfire Version: LF 2023

Landscape Acres (unbuffered): 200,171

Area of Interest Name: sierra city

Area of Interest Acres: 70,529

Fireline Intensity (BTU/ft-sec)	Pixel Count In AOI	Acres In AOI	Percent In AOI
Non-burnable	17,042	3,790	5%
>0 - 5	3,182	708	1%
>5 - 100	128,656	28,612	41%
>100 - 500	105,744	23,517	33%
>500 - 1,000	37,629	8,368	12%
>1,000 - 6,175	23,298	5,181	7%
>6,175	1,585	352	0%

Heat per Unit Area

Heat per Unit Area (BTU/ft²) Data Summary for Area of Interest "sierra city" within "Sierra City 1" Model Output

Model Output Name: Sierra City 1

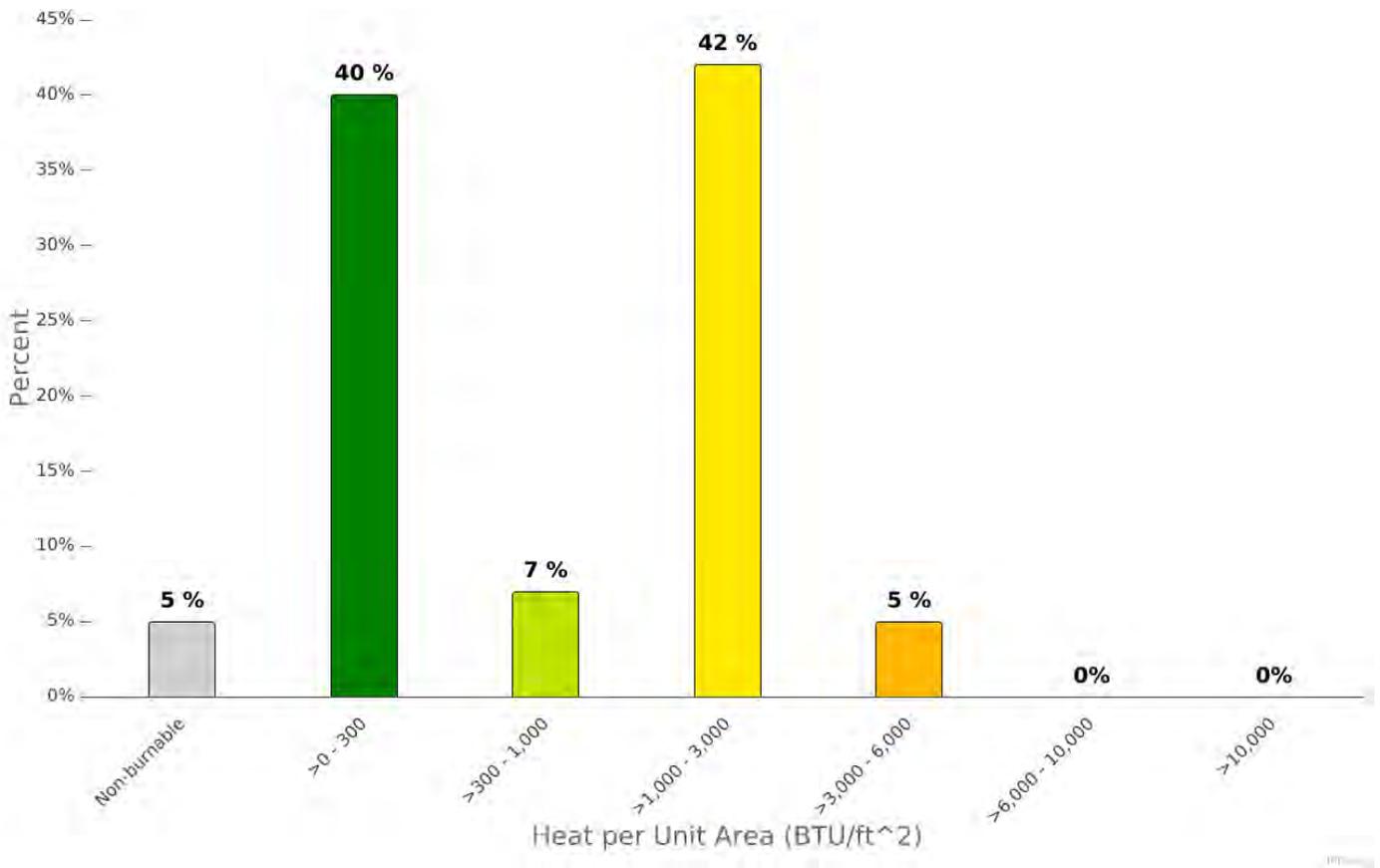
Landscape Name: Sierra City FPD

Landfire Version: LF 2023

Landscape Acres (unbuffered): 200,171

Area of Interest Name: sierra city

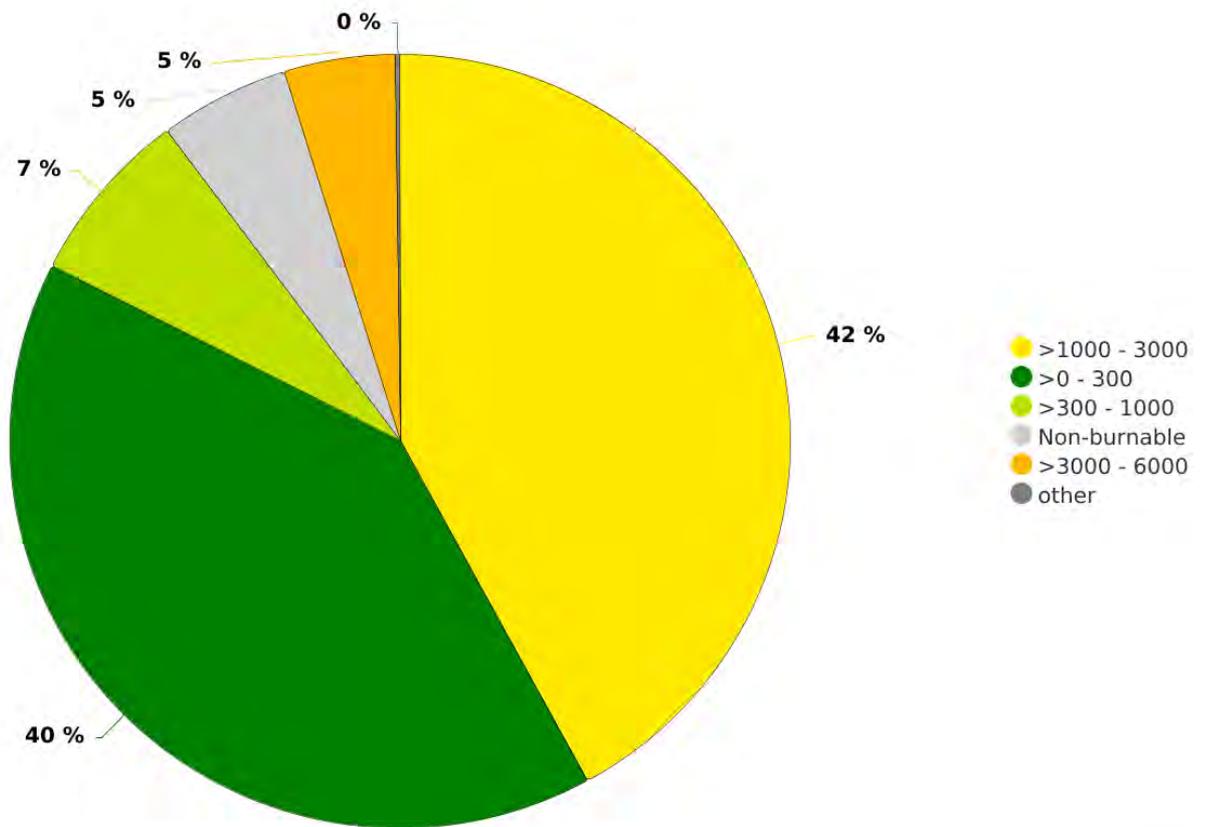
Area of Interest Acres: 70,529



Heat per Unit Area

Heat per Unit Area (BTU/ft²) Data Summary for Area of Interest "sierra city" within "Sierra City 1" Model Output

Model Output Name: Sierra City 1
Landscape Name: Sierra City FPD
Landfire Version: LF 2023
Landscape Acres (unbuffered): 200,171
Area of Interest Name: sierra city
Area of Interest Acres: 70,529



Heat per Unit Area

Heat per Unit Area (BTU/ft²) Data Summary for Area of Interest "sierra city" within "Sierra City 1" Model Output

Model Output Name: Sierra City 1

Landscape Name: Sierra City FPD

Landfire Version: LF 2023

Landscape Acres (unbuffered): 200,171

Area of Interest Name: sierra city

Area of Interest Acres: 70,529

Heat per Unit Area (BTU/ft ²)	Pixel Count In AOI	Acres In AOI	Percent In AOI
Non-burnable	17,042	3,790	5%
>0 - 300	128,333	28,541	40%
>300 - 1,000	23,281	5,178	7%
>1,000 - 3,000	133,221	29,628	42%
>3,000 - 6,000	14,696	3,268	5%
>6,000 - 10,000	563	125	0%
>10,000	0	0	0%

Crown Fire Activity

Crown Fire Activity Data Summary for Area of Interest "sierra city" within "Sierra City 1" Model Output

Model Output Name: Sierra City 1

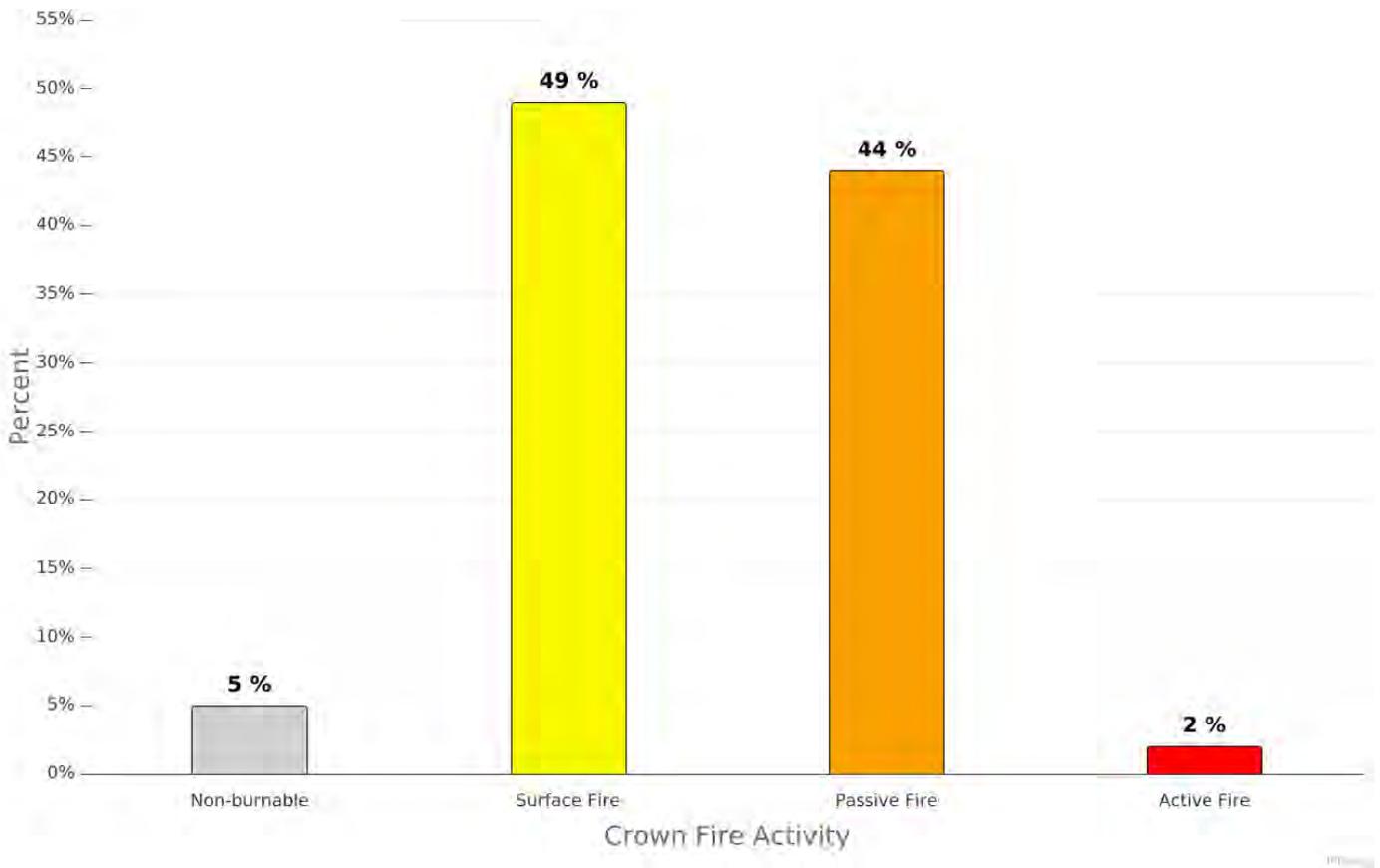
Landscape Name: Sierra City FPD

Landfire Version: LF 2023

Landscape Acres (unbuffered): 200,171

Area of Interest Name: sierra city

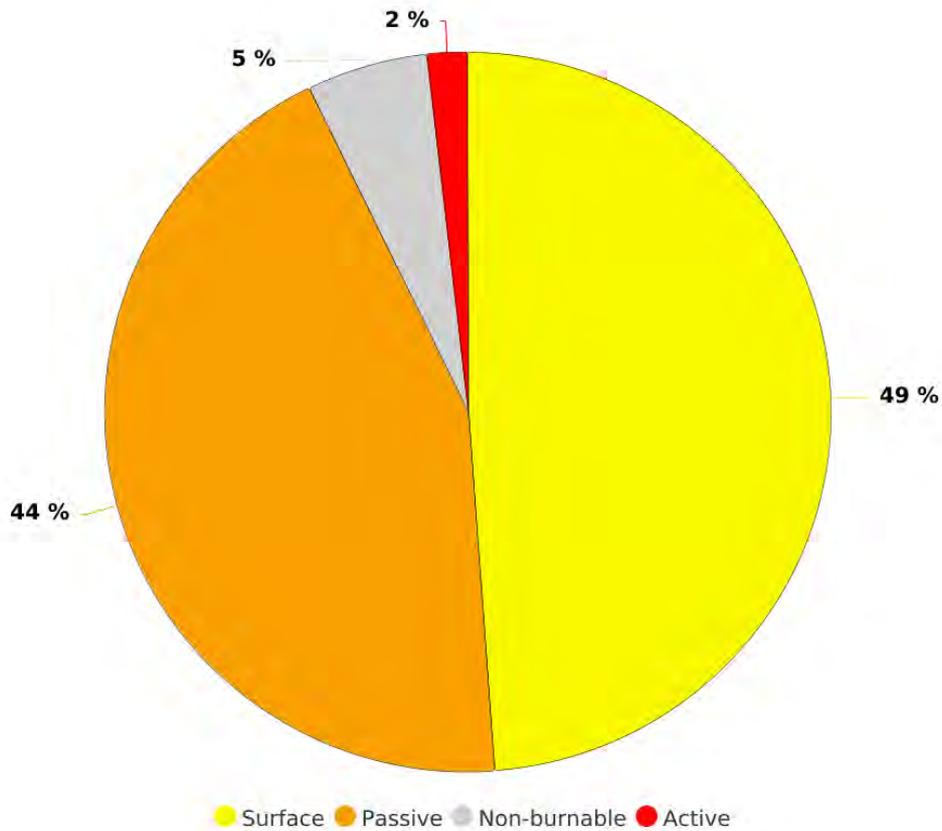
Area of Interest Acres: 70,529



Crown Fire Activity

Crown Fire Activity Data Summary for Area of Interest "sierra city" within "Sierra City 1" Model Output

Model Output Name: Sierra City 1
Landscape Name: Sierra City FPD
Landfire Version: LF 2023
Landscape Acres (unbuffered): 200,171
Area of Interest Name: sierra city
Area of Interest Acres: 70,529



Crown Fire Activity

Crown Fire Activity Data Summary for Area of Interest "sierra city" within "Sierra City 1" Model Output

Model Output Name: Sierra City 1

Landscape Name: Sierra City FPD

Landfire Version: LF 2023

Landscape Acres (unbuffered): 200,171

Area of Interest Name: sierra city

Area of Interest Acres: 70,529

Crown Fire Activity	Pixel Count In AOI	Acres In AOI	Percent In AOI
Non-burnable	17,042	3,790	5%
Surface Fire	154,822	34,432	49%
Passive Fire	139,491	31,022	44%
Active Fire	5,781	1,286	2%



Report: Landscape Fire Behavior (Basic) Summary Report

Model Output Name: Sierra Cnty FPD#1

Landscape Name: SCFPD1

Landfire Version: LF 2023

Landscape Acres (unbuffered): 420,573

Area of Interest Name: sierrafpd1

Area of Interest Acres: 313,931

Prepared for: Barry Callenberger

Apr 30, 2025

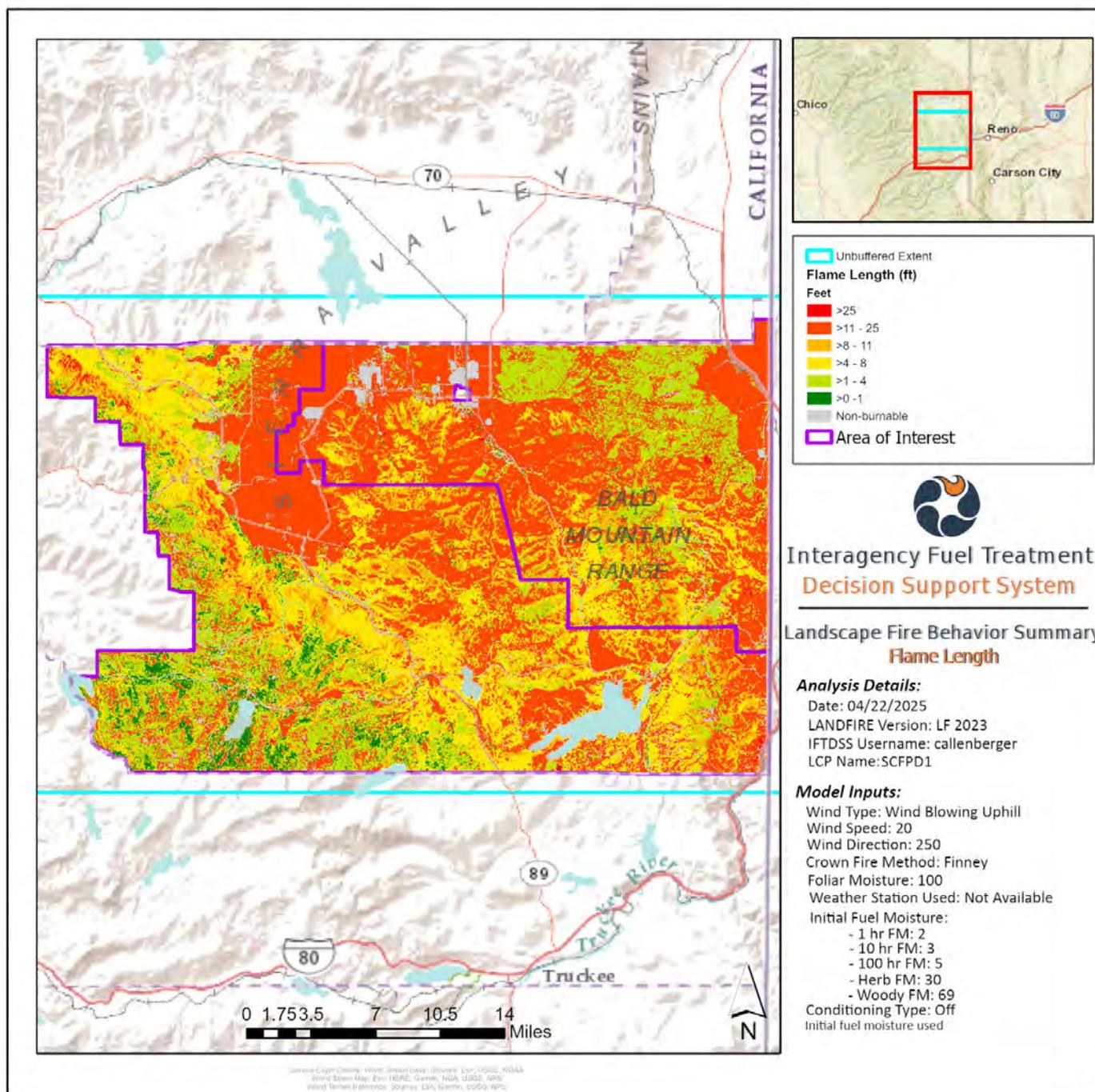
Model Characteristics

Model Run Name: Sierra Cnty FPD#1
Model Output Type: Landscape Fire Behavior
(Basic)
Model Run Resolution: 30 m
Model Run Date: Apr 22, 2025 12:44:51 PM
Landscape Name: SCFPD1
Landfire Version: LF 2023
Landscape Acres (unbuffered): 420,573
Area of Interest Name: sierrafpd1
Area of Interest Acres: 313,931
Wind Type: Wind Blowing Uphill
Wind Speed: 20 mph
Wind Direction: 250 deg
Crown Fire Method: Finney
Foliar Moisture: 100
Conditioning: Off - Initial fuel moisture used

Fuel Model	1 Hr Fuel Moisture	10 Hr Fuel Moisture	100 Hr Fuel Moisture	Live Herbaceous Fuel Moisture	Live Woody Fuel Moisture
All	2%	3%	5%	30%	69%

Flame Length

Flame Length (feet) Data Summary for Area of Interest "sierrafpd1" within "Sierra Cnty FPD#1" Model Output



Flame Length

Flame Length (feet) Data Summary for Area of Interest "sierrafpd1" within "Sierra Cnty FPD#1" Model Output

Model Output Name: Sierra Cnty FPD#1

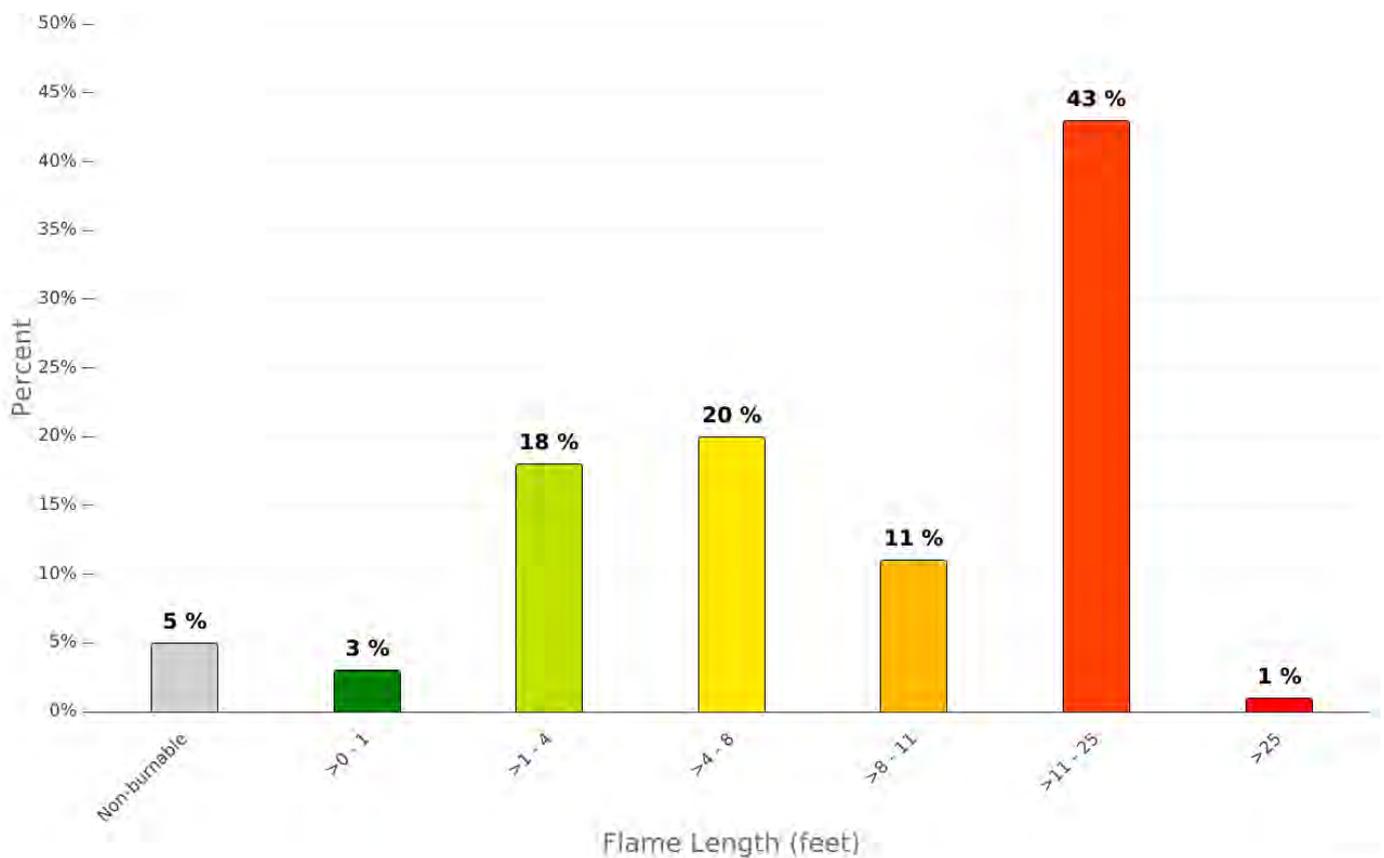
Landscape Name: SCFPD1

Landfire Version: LF 2023

Landscape Acres (unbuffered): 420,573

Area of Interest Name: sierrafpd1

Area of Interest Acres: 313,931



Flame Length

Flame Length (feet) Data Summary for Area of Interest "sierrafpd1" within "Sierra Cnty FPD#1" Model Output

Model Output Name: Sierra Cnty FPD#1

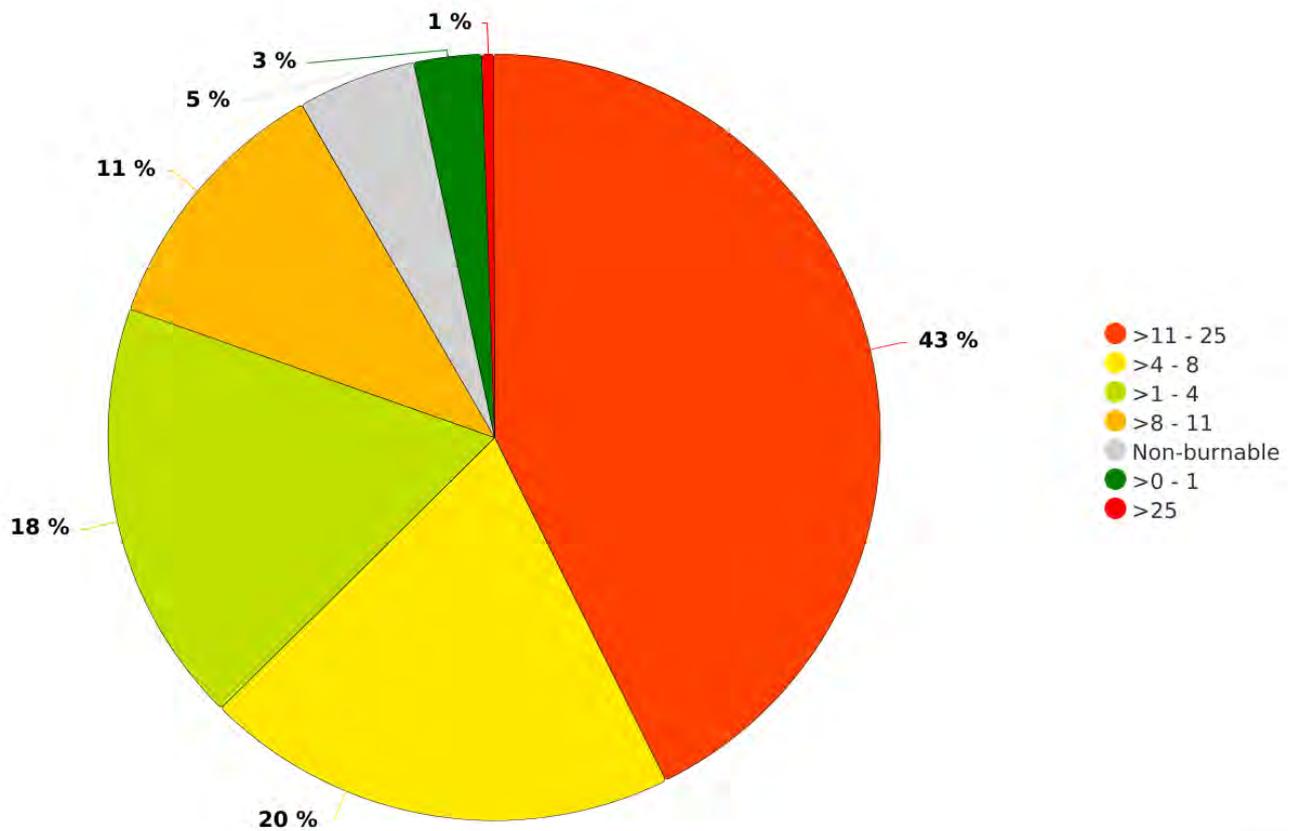
Landscape Name: SCFPD1

Landfire Version: LF 2023

Landscape Acres (unbuffered): 420,573

Area of Interest Name: sierrafpd1

Area of Interest Acres: 313,931



Flame Length

Flame Length (feet) Data Summary for Area of Interest "sierrafpd1" within "Sierra Cnty FPD#1" Model Output

Model Output Name: Sierra Cnty FPD#1

Landscape Name: SCFPD1

Landfire Version: LF 2023

Landscape Acres (unbuffered): 420,573

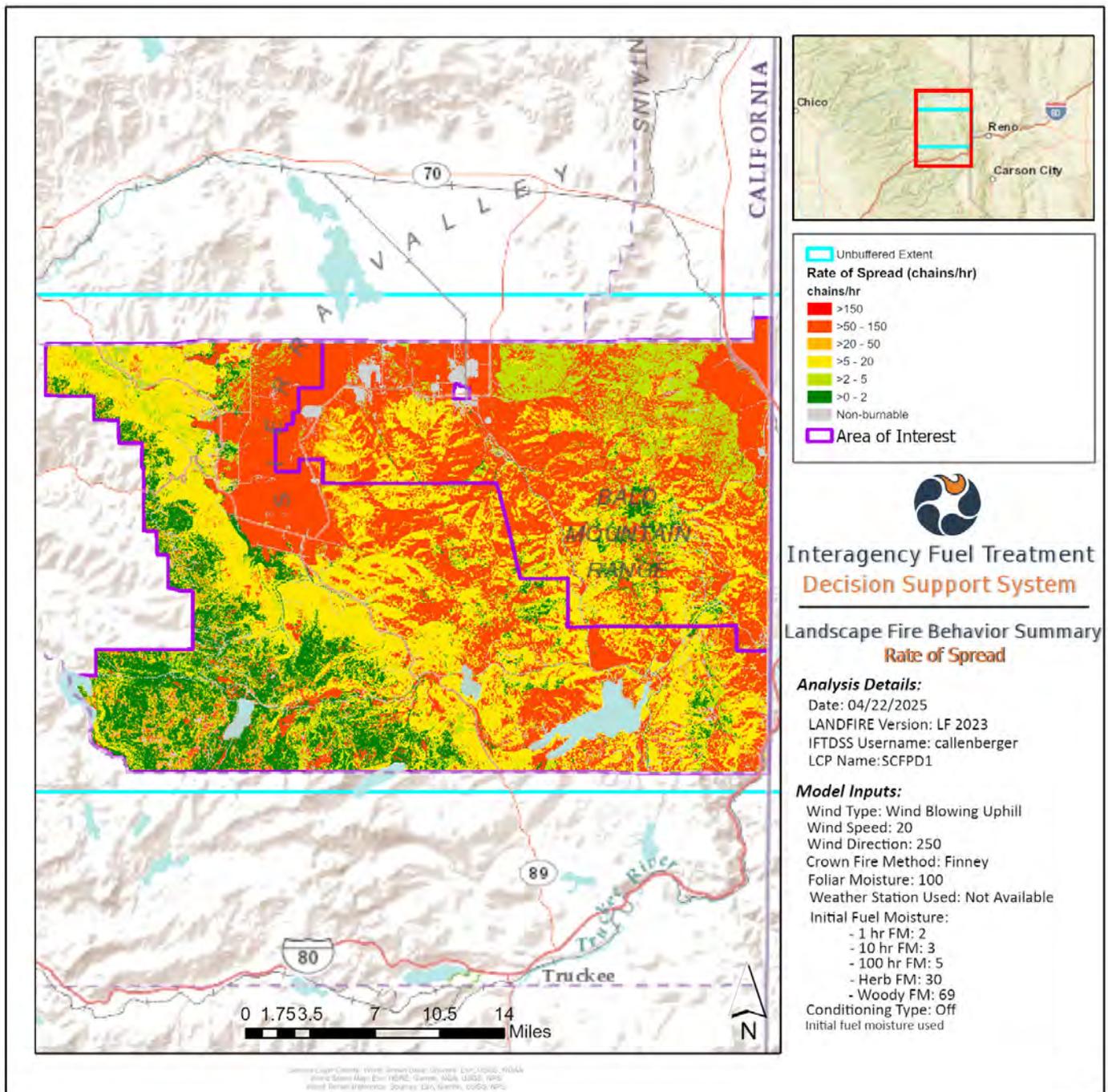
Area of Interest Name: sierrafpd1

Area of Interest Acres: 313,931

Flame Length (feet)	Pixel Count In AOI	Acres In AOI	Percent In AOI
Non-burnable	69,977	15,563	5%
>0 - 1	39,923	8,879	3%
>1 - 4	252,755	56,211	18%
>4 - 8	279,742	62,213	20%
>8 - 11	159,750	35,528	11%
>11 - 25	602,381	133,966	43%
>25	7,064	1,571	1%

Rate of Spread

Rate of Spread (chains/hr) Data Summary for Area of Interest "sierrafpd1" within "Sierra Cnty FPD#1" Model Output



Rate of Spread

Rate of Spread (chains/hr) Data Summary for Area of Interest "sierrafpd1" within "Sierra Cnty FPD#1" Model Output

Model Output Name: Sierra Cnty FPD#1

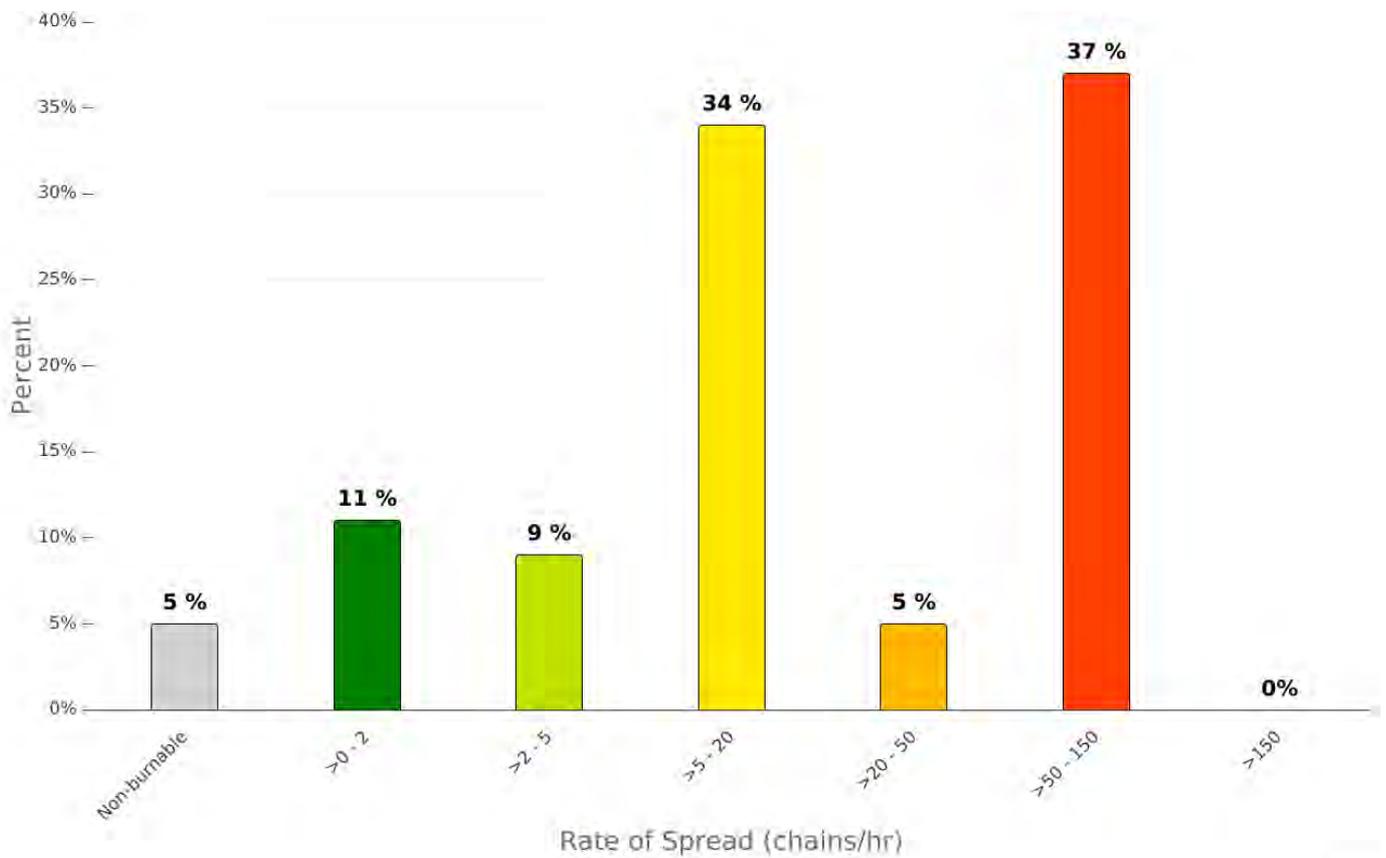
Landscape Name: SCFPD1

Landfire Version: LF 2023

Landscape Acres (unbuffered): 420,573

Area of Interest Name: sierrafpd1

Area of Interest Acres: 313,931



Rate of Spread

Rate of Spread (chains/hr) Data Summary for Area of Interest "sierrafpd1" within "Sierra Cnty FPD#1" Model Output

Model Output Name: Sierra Cnty FPD#1

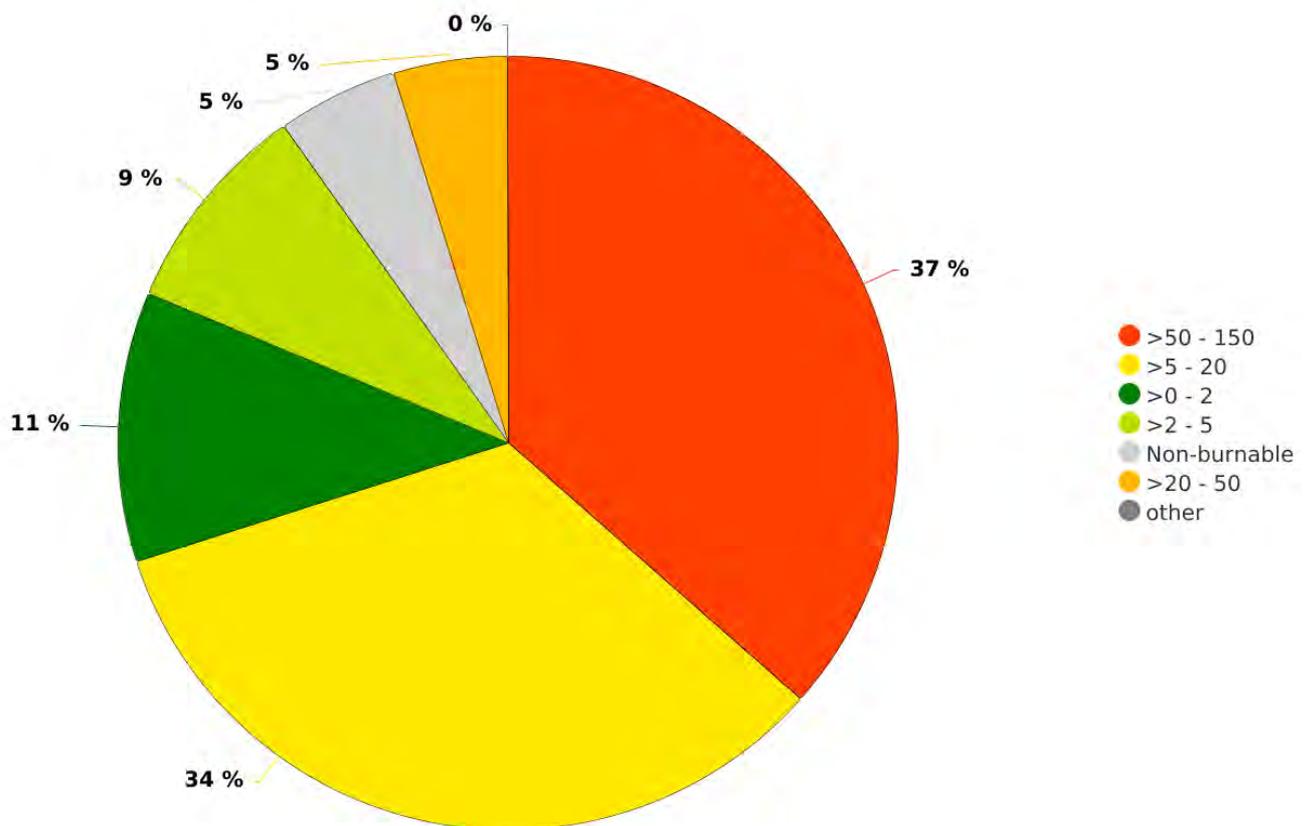
Landscape Name: SCFPD1

Landfire Version: LF 2023

Landscape Acres (unbuffered): 420,573

Area of Interest Name: sierrafpd1

Area of Interest Acres: 313,931



Rate of Spread

Rate of Spread (chains/hr) Data Summary for Area of Interest "sierrafpd1" within "Sierra Cnty FPD#1" Model Output

Model Output Name: Sierra Cnty FPD#1

Landscape Name: SCFPD1

Landfire Version: LF 2023

Landscape Acres (unbuffered): 420,573

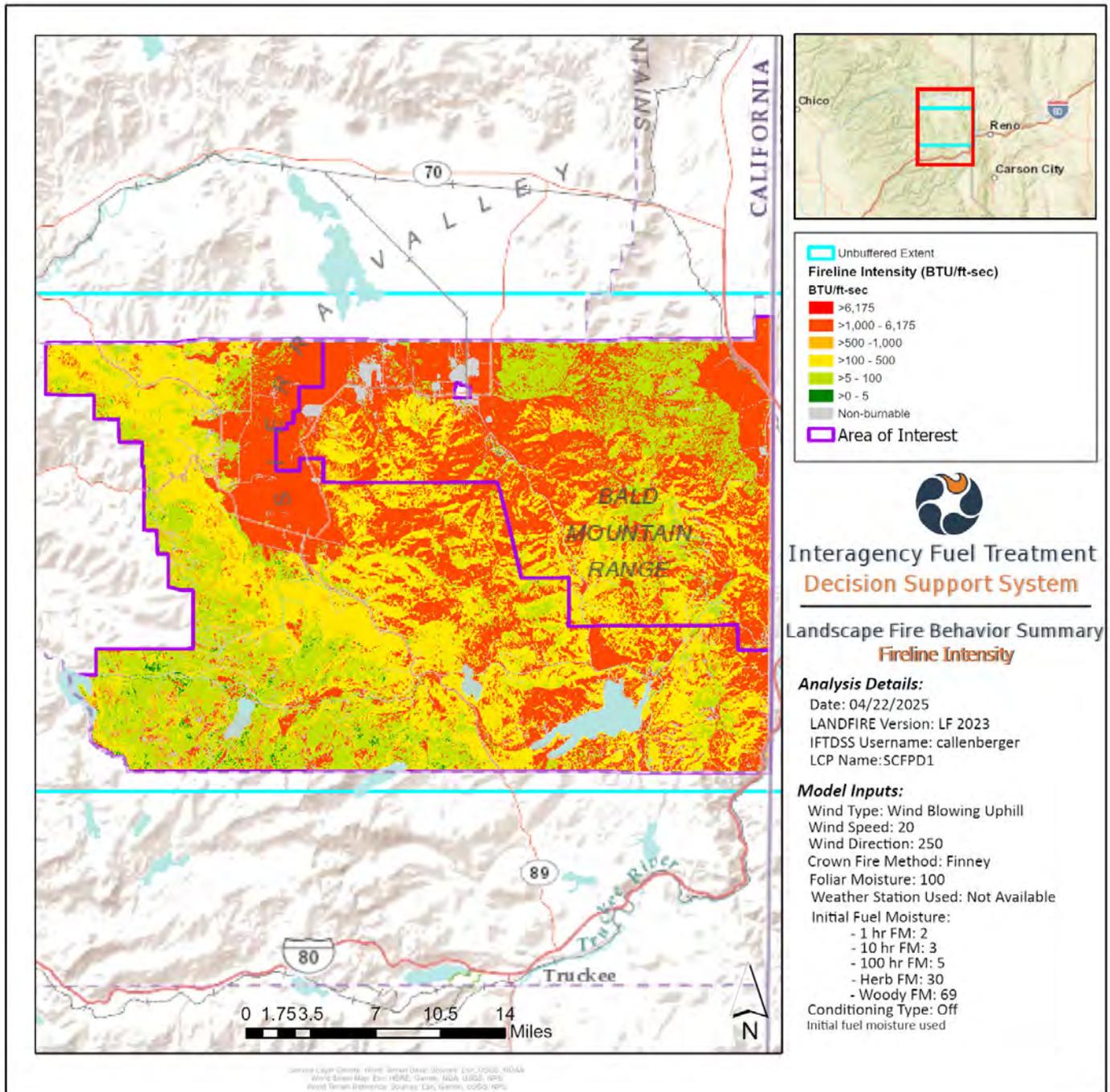
Area of Interest Name: sierrafpd1

Area of Interest Acres: 313,931

Rate of Spread (chains/hr)	Pixel Count In AOI	Acres In AOI	Percent In AOI
Non-burnable	69,977	15,563	5%
>0 - 2	159,246	35,415	11%
>2 - 5	126,634	28,163	9%
>5 - 20	472,895	105,169	34%
>20 - 50	67,180	14,940	5%
>50 - 150	515,551	114,656	37%
>150	109	24	0%

Fireline Intensity

Fireline Intensity (BTU/ft-sec) Data Summary for Area of Interest "sierrafpd1" within "Sierra Cnty FPD#1" Model Output



Fireline Intensity

Fireline Intensity (BTU/ft-sec) Data Summary for Area of Interest "sierrafpd1" within "Sierra Cnty FPD#1" Model Output

Model Output Name: Sierra Cnty FPD#1

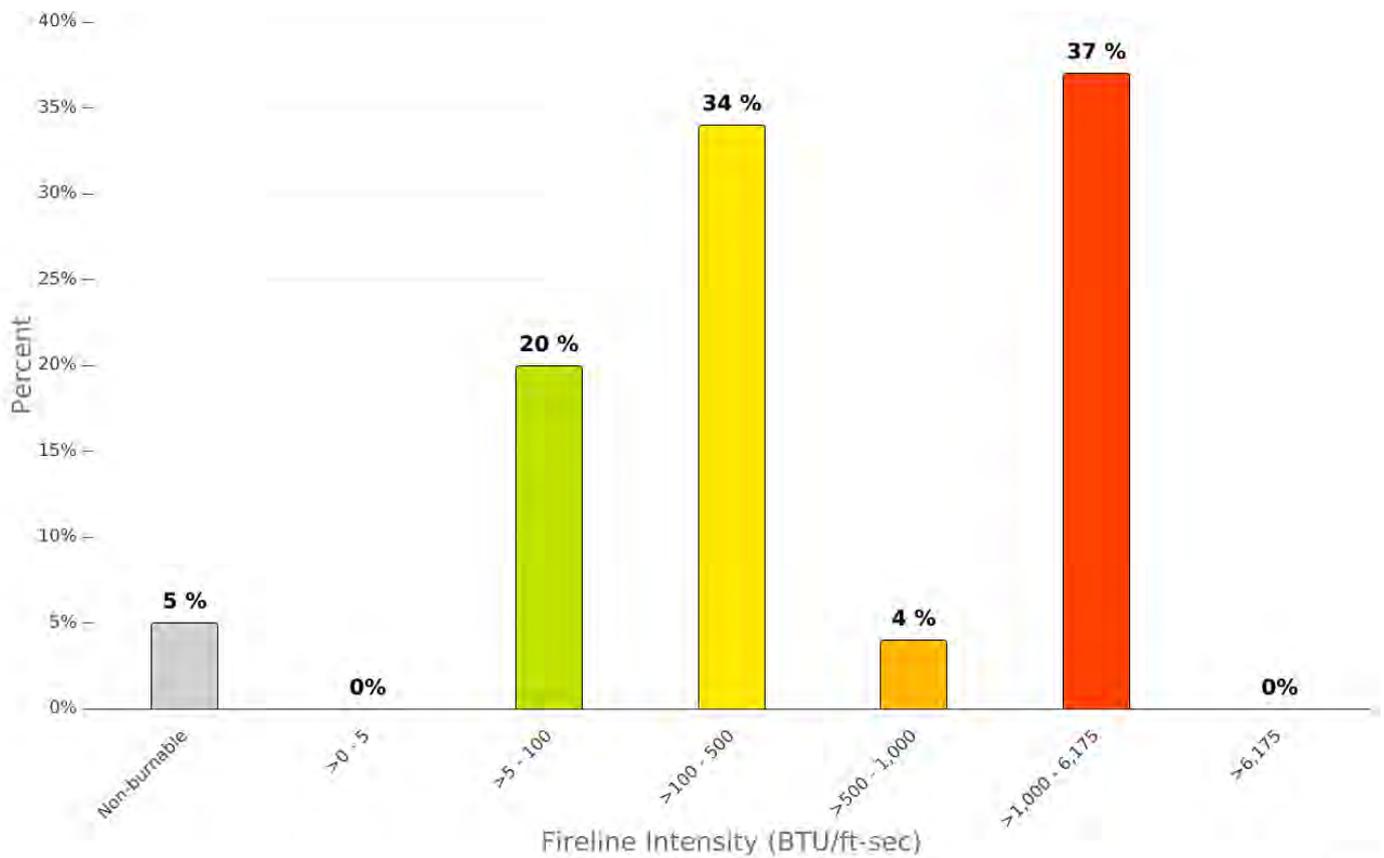
Landscape Name: SCFPD1

Landfire Version: LF 2023

Landscape Acres (unbuffered): 420,573

Area of Interest Name: sierrafpd1

Area of Interest Acres: 313,931



Fireline Intensity

Fireline Intensity (BTU/ft-sec) Data Summary for Area of Interest "sierrafpd1" within "Sierra Cnty FPD#1" Model Output

Model Output Name: Sierra Cnty FPD#1

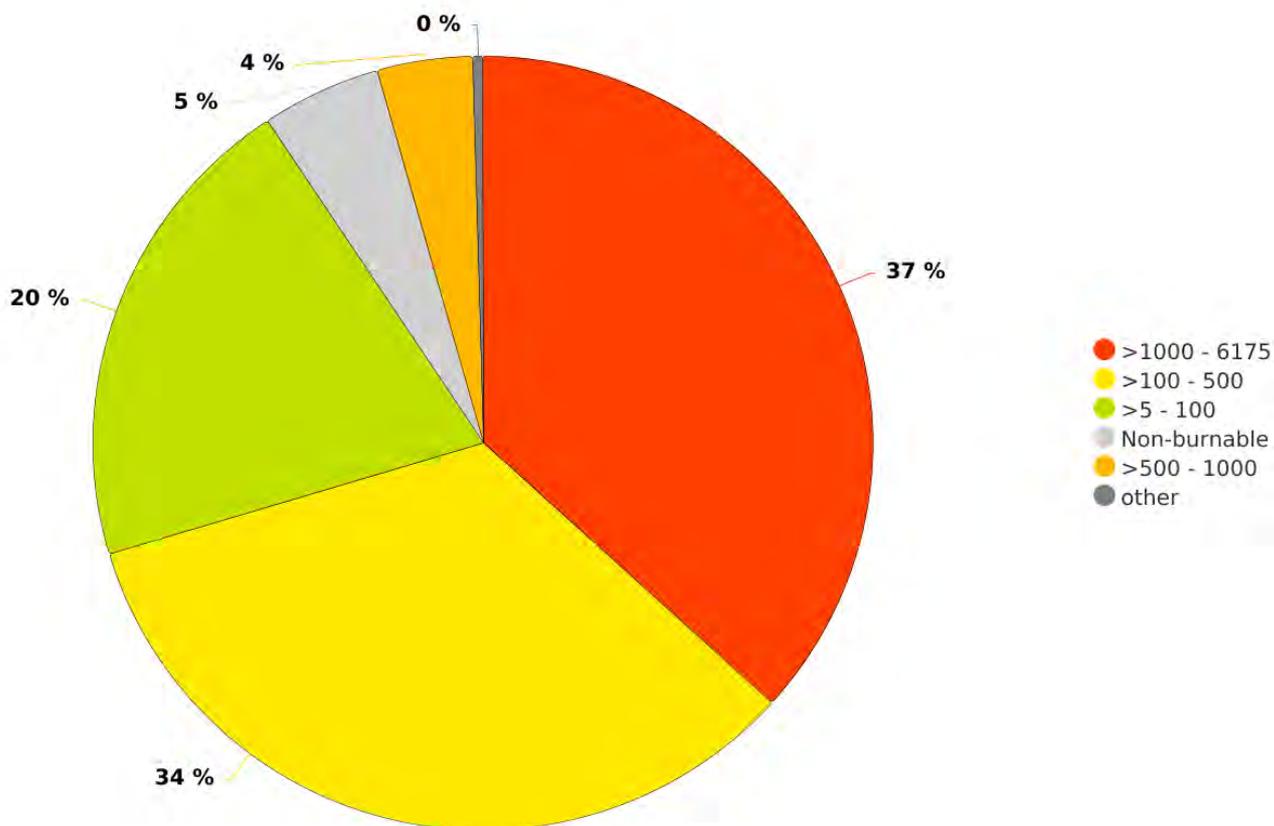
Landscape Name: SCFPD1

Landfire Version: LF 2023

Landscape Acres (unbuffered): 420,573

Area of Interest Name: sierrafpd1

Area of Interest Acres: 313,931



Fireline Intensity

Fireline Intensity (BTU/ft-sec) Data Summary for Area of Interest "sierrafpd1" within "Sierra Cnty FPD#1" Model Output

Model Output Name: Sierra Cnty FPD#1

Landscape Name: SCFPD1

Landfire Version: LF 2023

Landscape Acres (unbuffered): 420,573

Area of Interest Name: sierrafpd1

Area of Interest Acres: 313,931

Fireline Intensity (BTU/ft-sec)	Pixel Count In AOI	Acres In AOI	Percent In AOI
Non-burnable	69,977	15,563	5%
>0 - 5	5,911	1,315	0%
>5 - 100	286,649	63,749	20%
>100 - 500	474,911	105,618	34%
>500 - 1,000	55,676	12,382	4%
>1,000 - 6,175	518,265	115,259	37%
>6,175	203	45	0%

Heat per Unit Area

Heat per Unit Area (BTU/ft²) Data Summary for Area of Interest "sierrafpd1" within "Sierra Cnty FPD#1" Model Output

Model Output Name: Sierra Cnty FPD#1

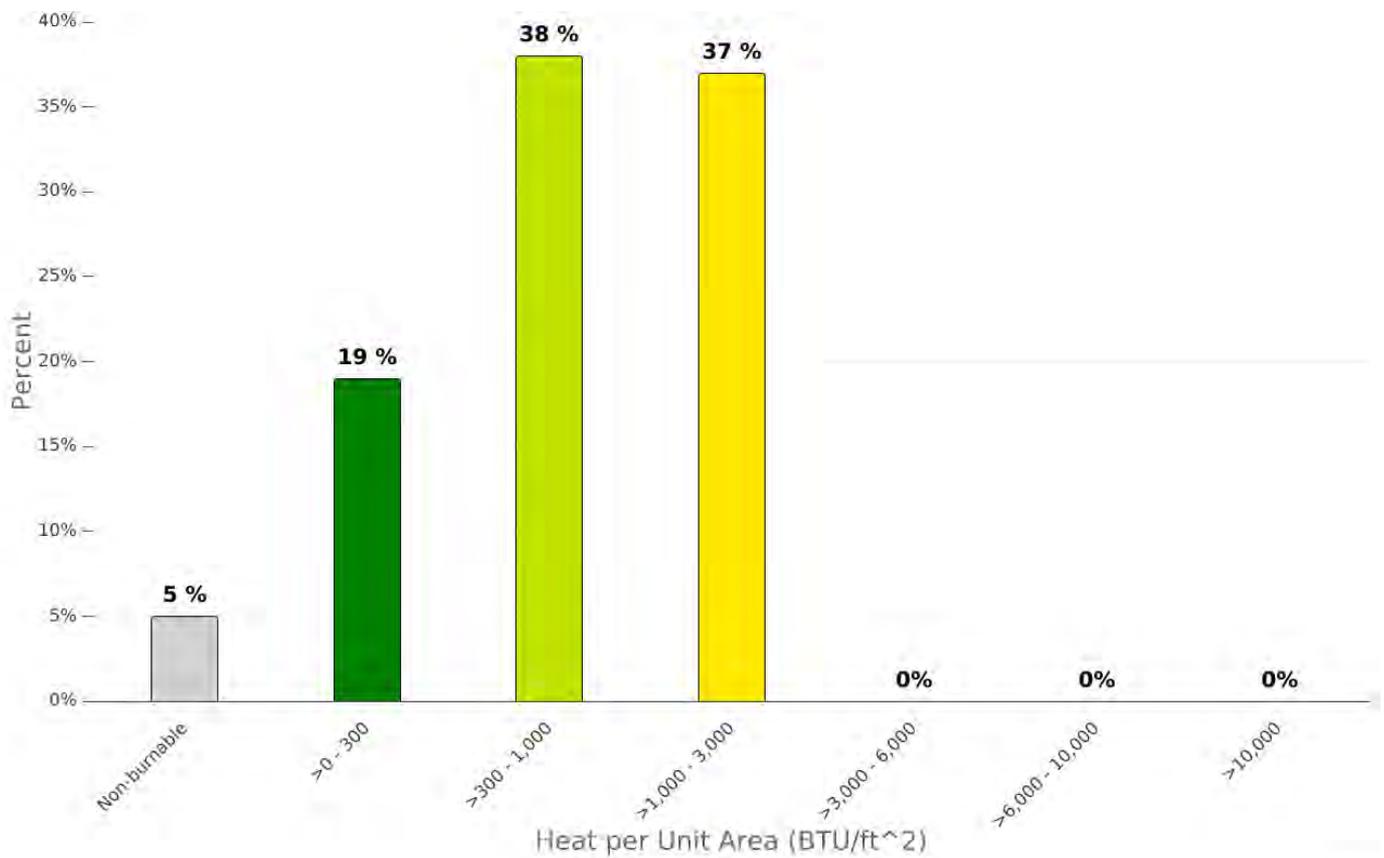
Landscape Name: SCFPD1

Landfire Version: LF 2023

Landscape Acres (unbuffered): 420,573

Area of Interest Name: sierrafpd1

Area of Interest Acres: 313,931



Heat per Unit Area

Heat per Unit Area (BTU/ft²) Data Summary for Area of Interest "sierrafpd1" within "Sierra Cnty FPD#1" Model Output

Model Output Name: Sierra Cnty FPD#1

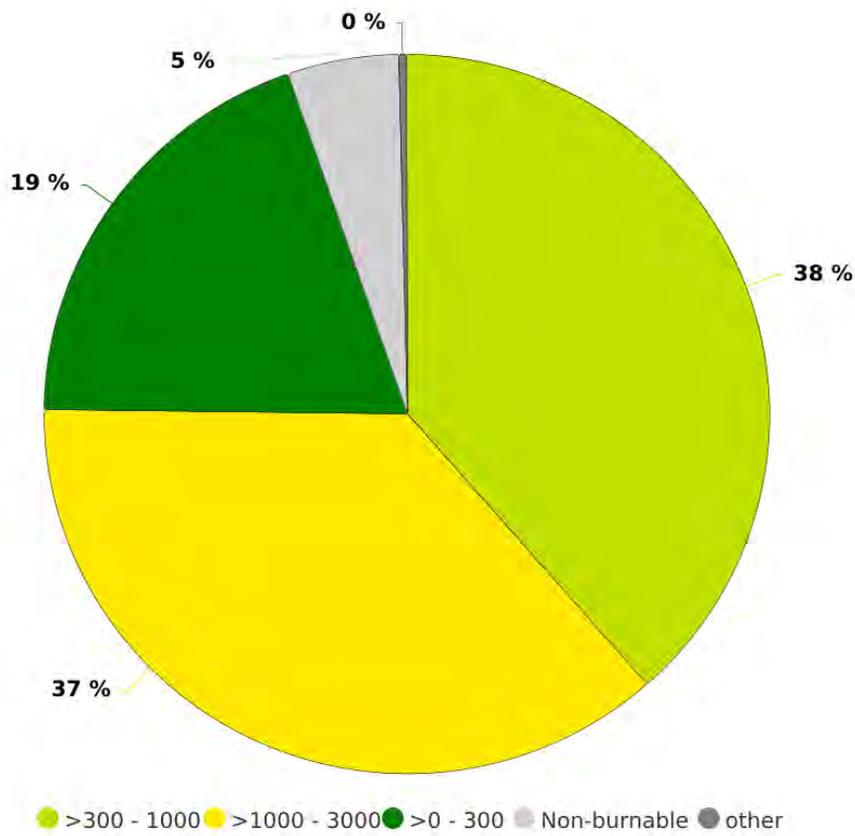
Landscape Name: SCFPD1

Landfire Version: LF 2023

Landscape Acres (unbuffered): 420,573

Area of Interest Name: sierrafpd1

Area of Interest Acres: 313,931



Heat per Unit Area

Heat per Unit Area (BTU/ft²) Data Summary for Area of Interest "sierrafpd1" within "Sierra Cnty FPD#1" Model Output

Model Output Name: Sierra Cnty FPD#1

Landscape Name: SCFPD1

Landfire Version: LF 2023

Landscape Acres (unbuffered): 420,573

Area of Interest Name: sierrafpd1

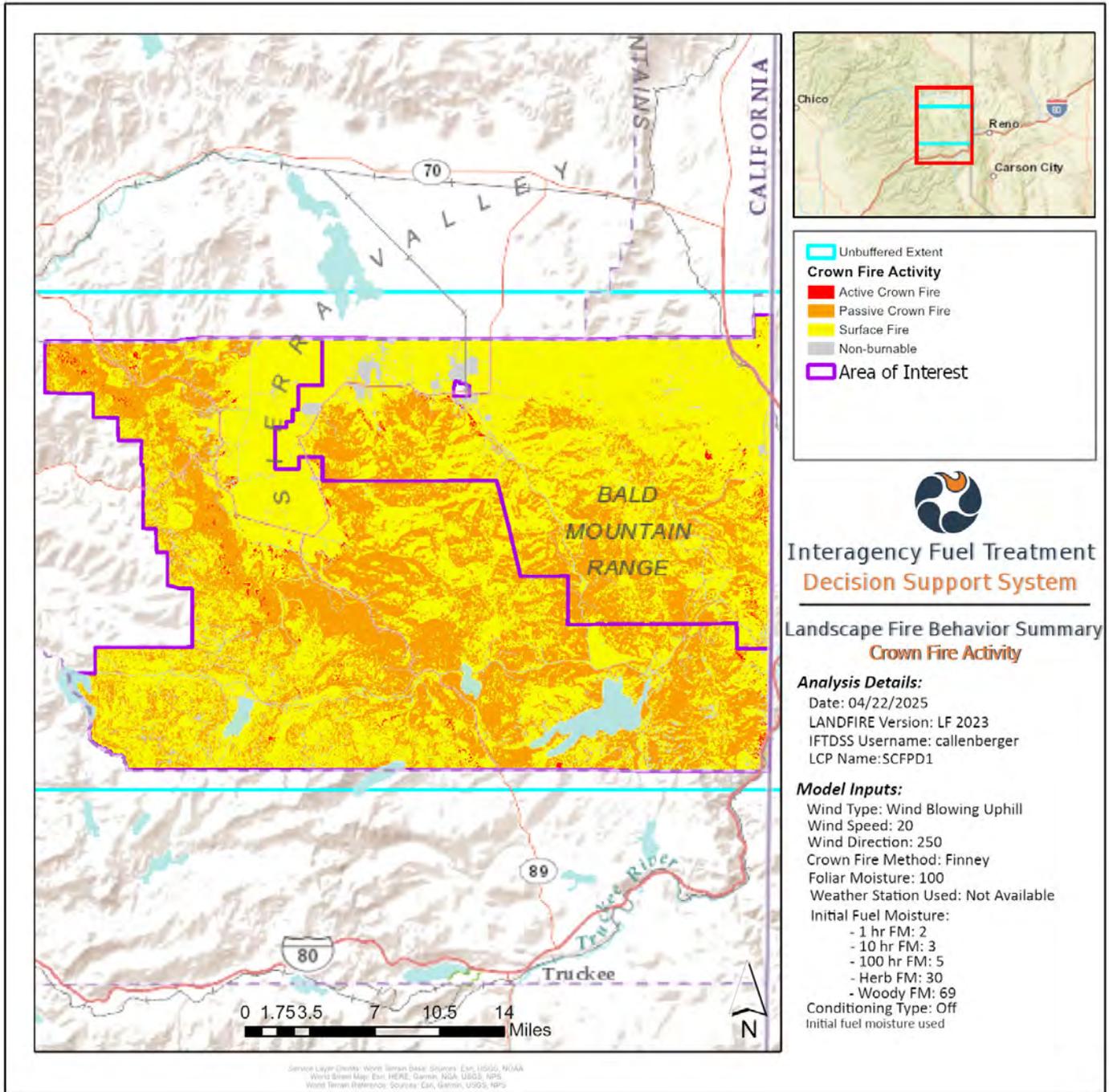
Area of Interest Acres: 313,931

Heat per Unit Area (BTU/ft ²)	Pixel Count In AOI	Acres In AOI	Percent In AOI
Non-burnable	69,977	15,563	5%
>0 - 300	274,779	61,109	19%
>300 - 1,000	543,108	120,784	38%
>1,000 - 3,000	518,386	115,286	37%
>3,000 - 6,000	5,334	1,186	0%
>6,000 - 10,000	8	2	0%
>10,000	0	0	0%

Crown Fire Activity

Crown Fire Activity Data Summary for Area of Interest

"sierrafpd1" within "Sierra Cnty FPD#1" Model Output



Crown Fire Activity

Crown Fire Activity Data Summary for Area of Interest "sierrafpd1" within "Sierra Cnty FPD#1" Model Output

Model Output Name: Sierra Cnty FPD#1

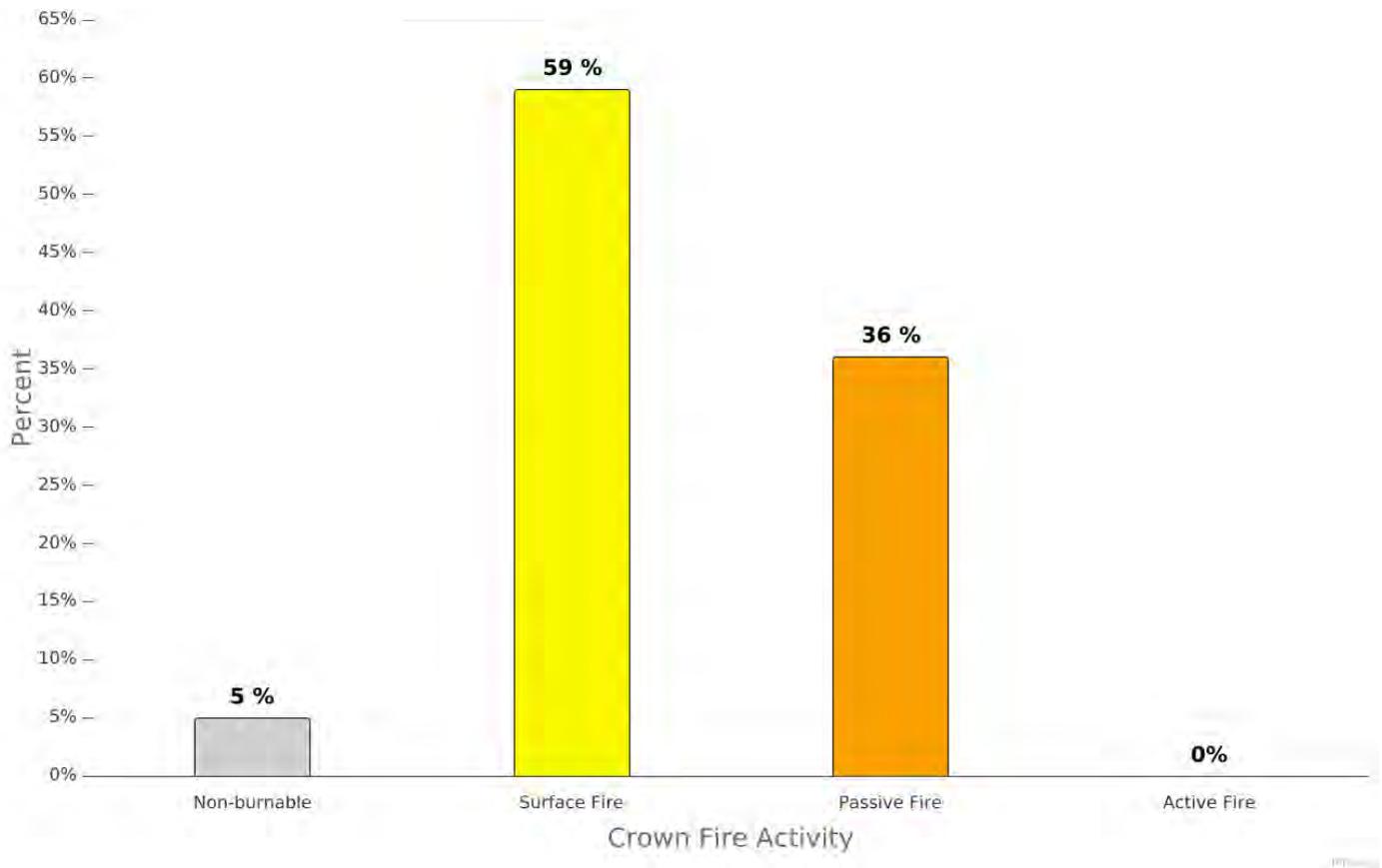
Landscape Name: SCFPD1

Landfire Version: LF 2023

Landscape Acres (unbuffered): 420,573

Area of Interest Name: sierrafpd1

Area of Interest Acres: 313,931



Crown Fire Activity

Crown Fire Activity Data Summary for Area of Interest "sierrafpd1" within "Sierra Cnty FPD#1" Model Output

Model Output Name: Sierra Cnty FPD#1

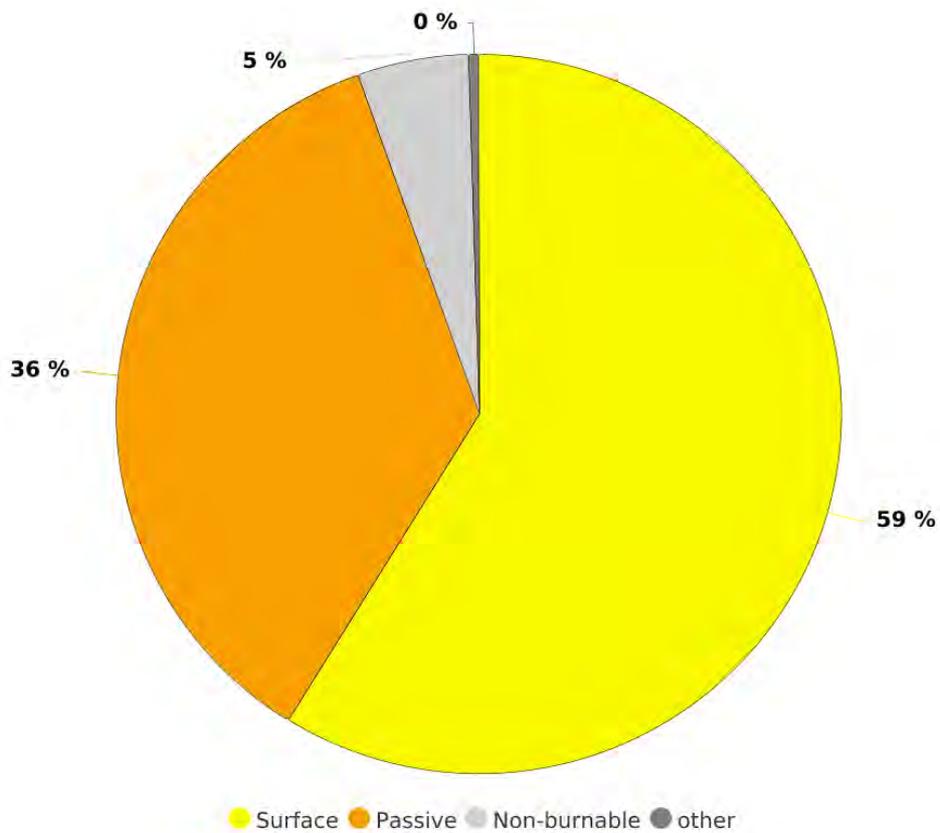
Landscape Name: SCFPD1

Landfire Version: LF 2023

Landscape Acres (unbuffered): 420,573

Area of Interest Name: sierrafpd1

Area of Interest Acres: 313,931



Crown Fire Activity

Crown Fire Activity Data Summary for Area of Interest "sierrafpd1" within "Sierra Cnty FPD#1" Model Output

Model Output Name: Sierra Cnty FPD#1

Landscape Name: SCFPD1

Landfire Version: LF 2023

Landscape Acres (unbuffered): 420,573

Area of Interest Name: sierrafpd1

Area of Interest Acres: 313,931

Crown Fire Activity	Pixel Count In AOI	Acres In AOI	Percent In AOI
Non-burnable	69,977	15,563	5%
Surface Fire	830,362	184,668	59%
Passive Fire	505,032	112,317	36%
Active Fire	6,221	1,384	0%



Report: Landscape Fire Behavior (Basic) Summary Report

Model Output Name: Downieville FPD_1

Landscape Name: Downieville Landscape

Landfire Version: LF 2023

Landscape Acres (unbuffered): 228,371

Area of Interest Name: downieville

Area of Interest Acres: 113,397

Prepared for: Barry Callenberger

Mar 19, 2025

Model Characteristics

Model Run Name: Downieville FPD_1

Model Output Type: Landscape Fire Behavior
(Basic)

Model Run Resolution: 30 m

Model Run Date: Jan 14, 2025 06:11:09 PM

Landscape Name: Downieville Landscape

Landfire Version: LF 2023

Landscape Acres (unbuffered): 228,371

Area of Interest Name: downieville

Area of Interest Acres: 113,397

Wind Type: Wind Blowing Uphill

Wind Speed: 20 mph

Wind Direction: 250 deg

Crown Fire Method: Finney

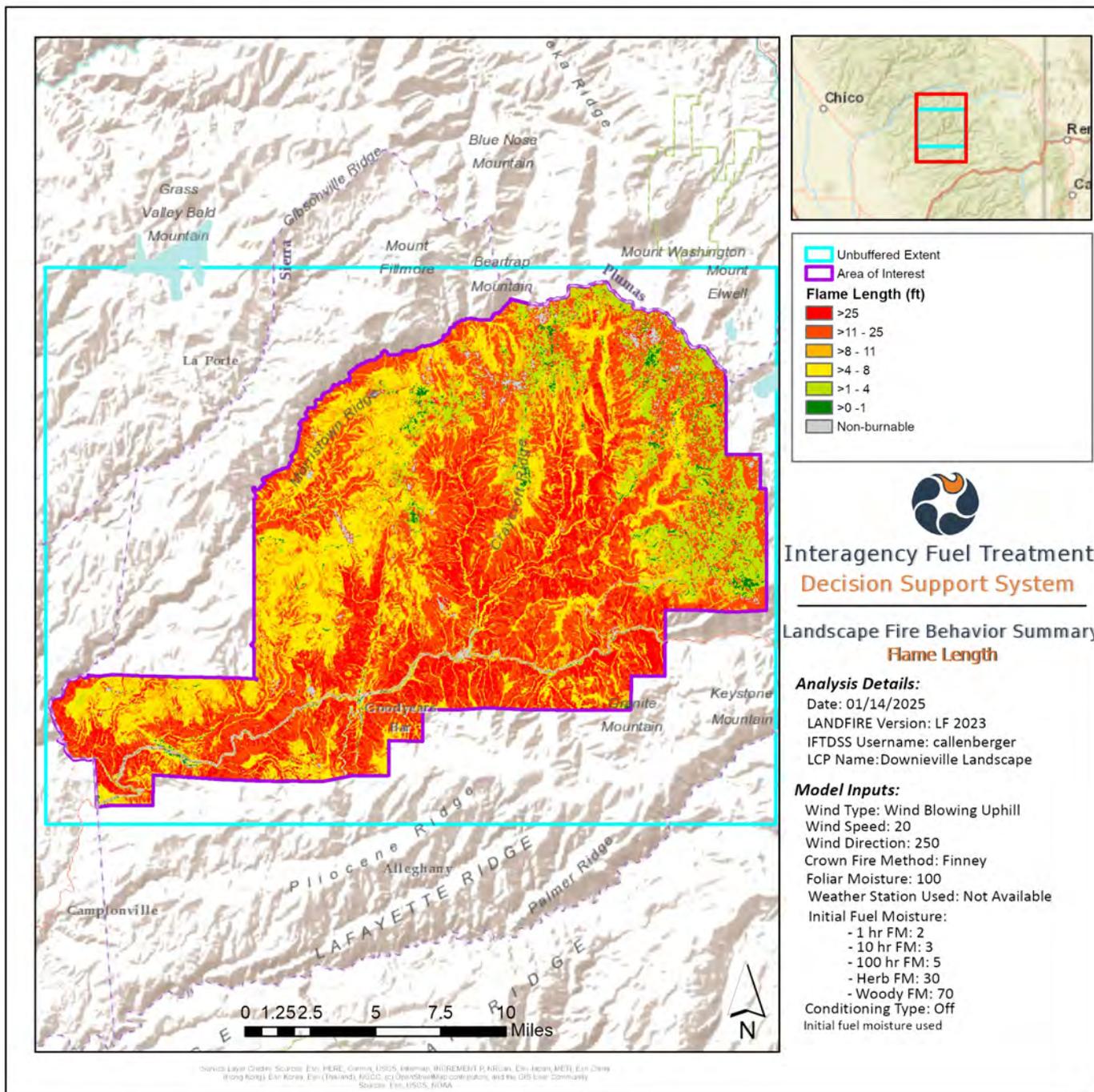
Foliar Moisture: 100

Conditioning: Off - Initial fuel moisture used

Fuel Model	1 Hr Fuel Moisture	10 Hr Fuel Moisture	100 Hr Fuel Moisture	Live Herbaceous Fuel Moisture	Live Woody Fuel Moisture
All	2%	3%	5%	30%	70%

Flame Length

Flame Length (feet) Data Summary for Area of Interest "downieville" within "Downieville FPD_1" Model Output



Flame Length

Flame Length (feet) Data Summary for Area of Interest "downieville" within "Downieville FPD_1" Model Output

Model Output Name: Downieville FPD_1

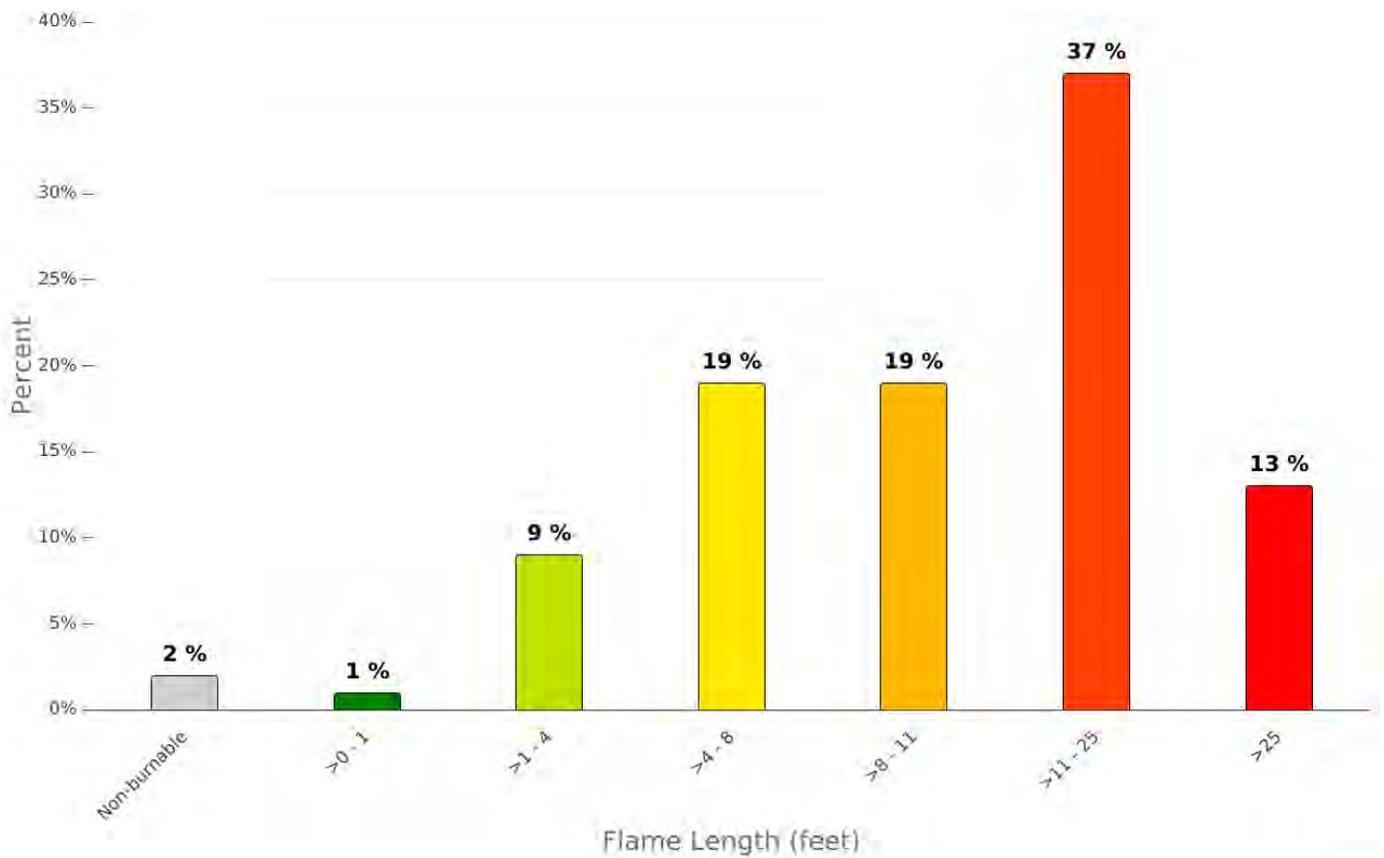
Landscape Name: Downieville Landscape

Landfire Version: LF 2023

Landscape Acres (unbuffered): 228,371

Area of Interest Name: downieville

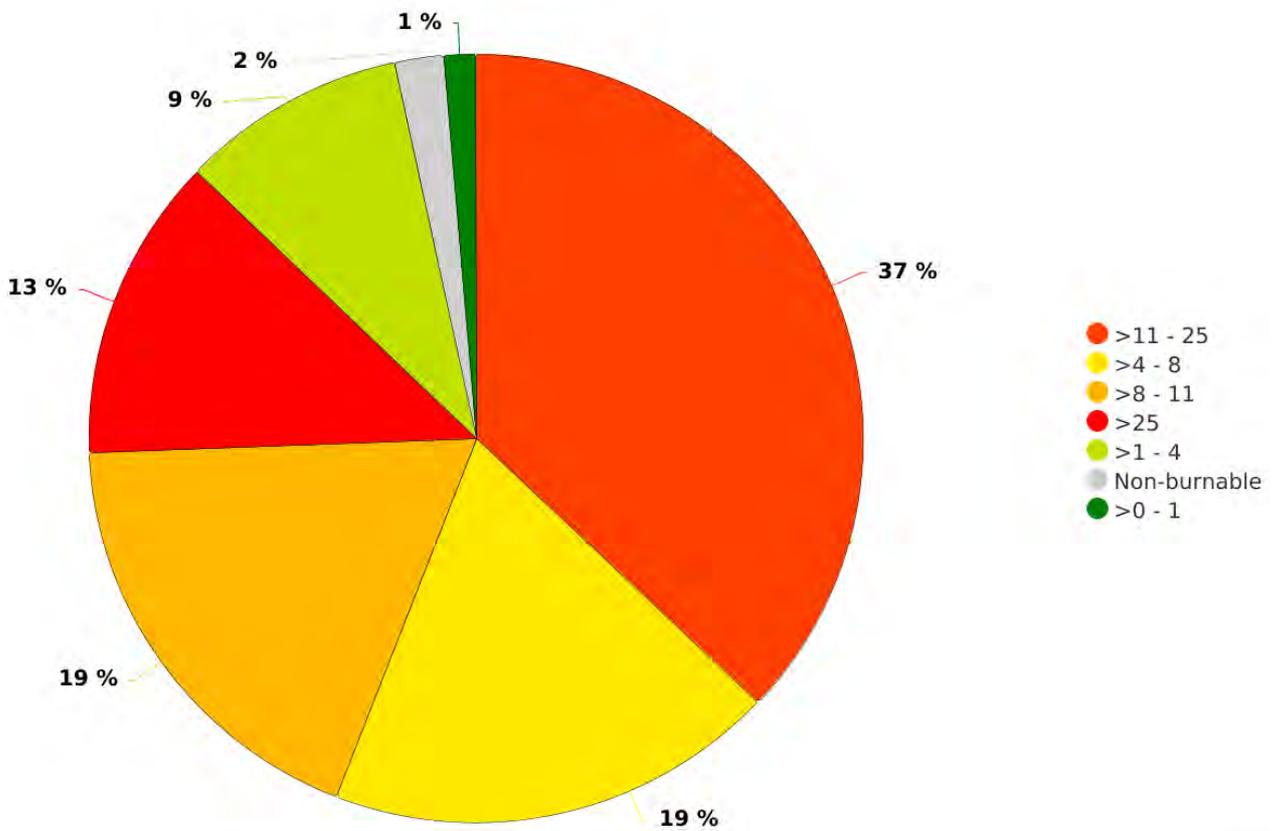
Area of Interest Acres: 113,397



Flame Length

Flame Length (feet) Data Summary for Area of Interest "downieville" within "Downieville FPD_1" Model Output

Model Output Name: Downieville FPD_1
Landscape Name: Downieville Landscape
Landfire Version: LF 2023
Landscape Acres (unbuffered): 228,371
Area of Interest Name: downieville
Area of Interest Acres: 113,397



Flame Length

Flame Length (feet) Data Summary for Area of Interest "downieville" within "Downieville FPD_1" Model Output

Model Output Name: Downieville FPD_1

Landscape Name: Downieville Landscape

Landfire Version: LF 2023

Landscape Acres (unbuffered): 228,371

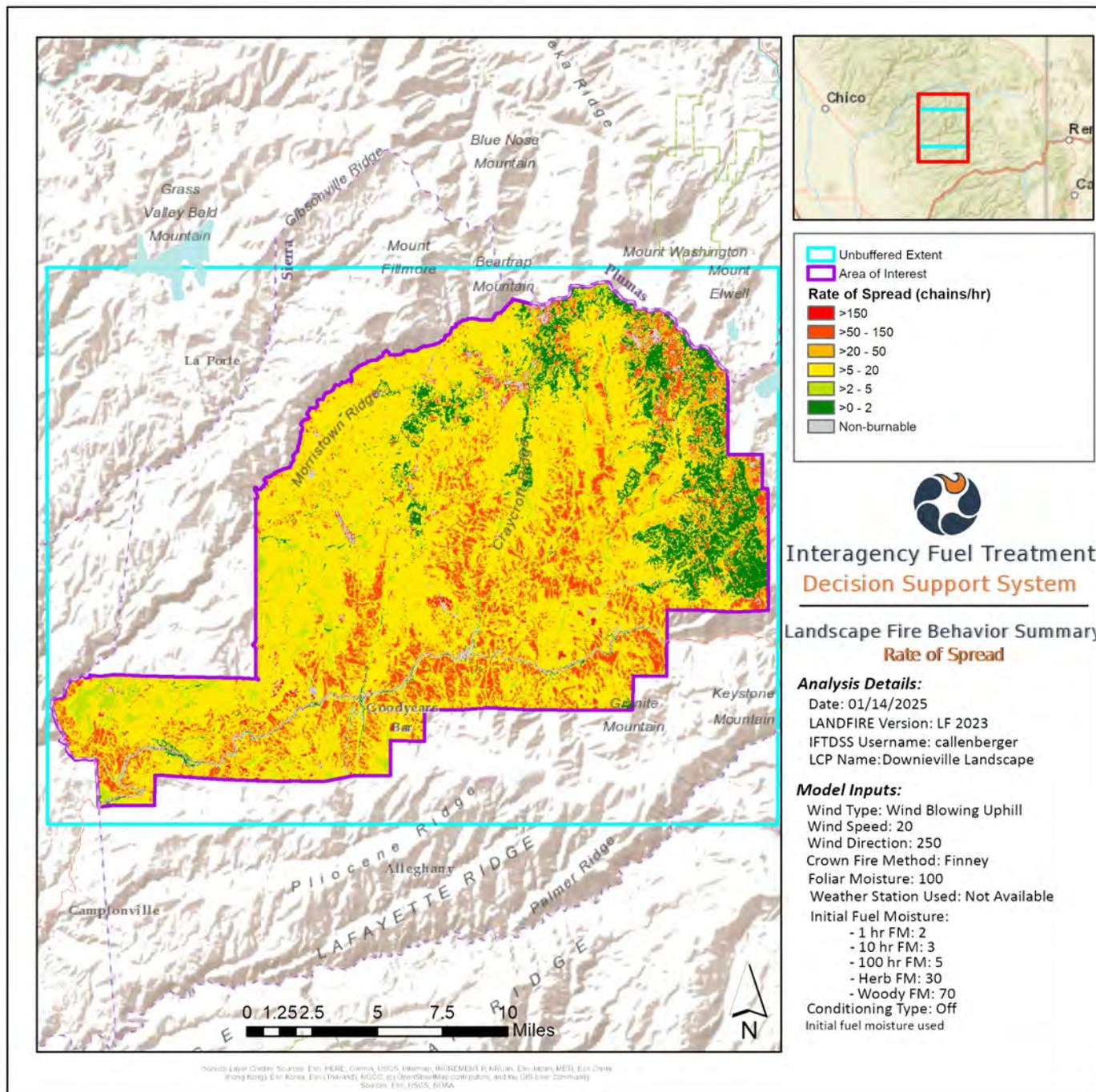
Area of Interest Name: downieville

Area of Interest Acres: 113,397

Flame Length (feet)	Pixel Count In AOI	Acres In AOI	Percent In AOI
Non-burnable	10,283	2,287	2%
>0 - 1	6,876	1,529	1%
>1 - 4	48,085	10,694	9%
>4 - 8	96,066	21,365	19%
>8 - 11	94,467	21,009	19%
>11 - 25	188,783	41,984	37%
>25	65,329	14,529	13%

Rate of Spread

Rate of Spread (chains/hr) Data Summary for Area of Interest "downieville" within "Downieville FPD_1" Model Output



Rate of Spread

Rate of Spread (chains/hr) Data Summary for Area of Interest "downieville" within "Downieville FPD_1" Model Output

Model Output Name: Downieville FPD_1

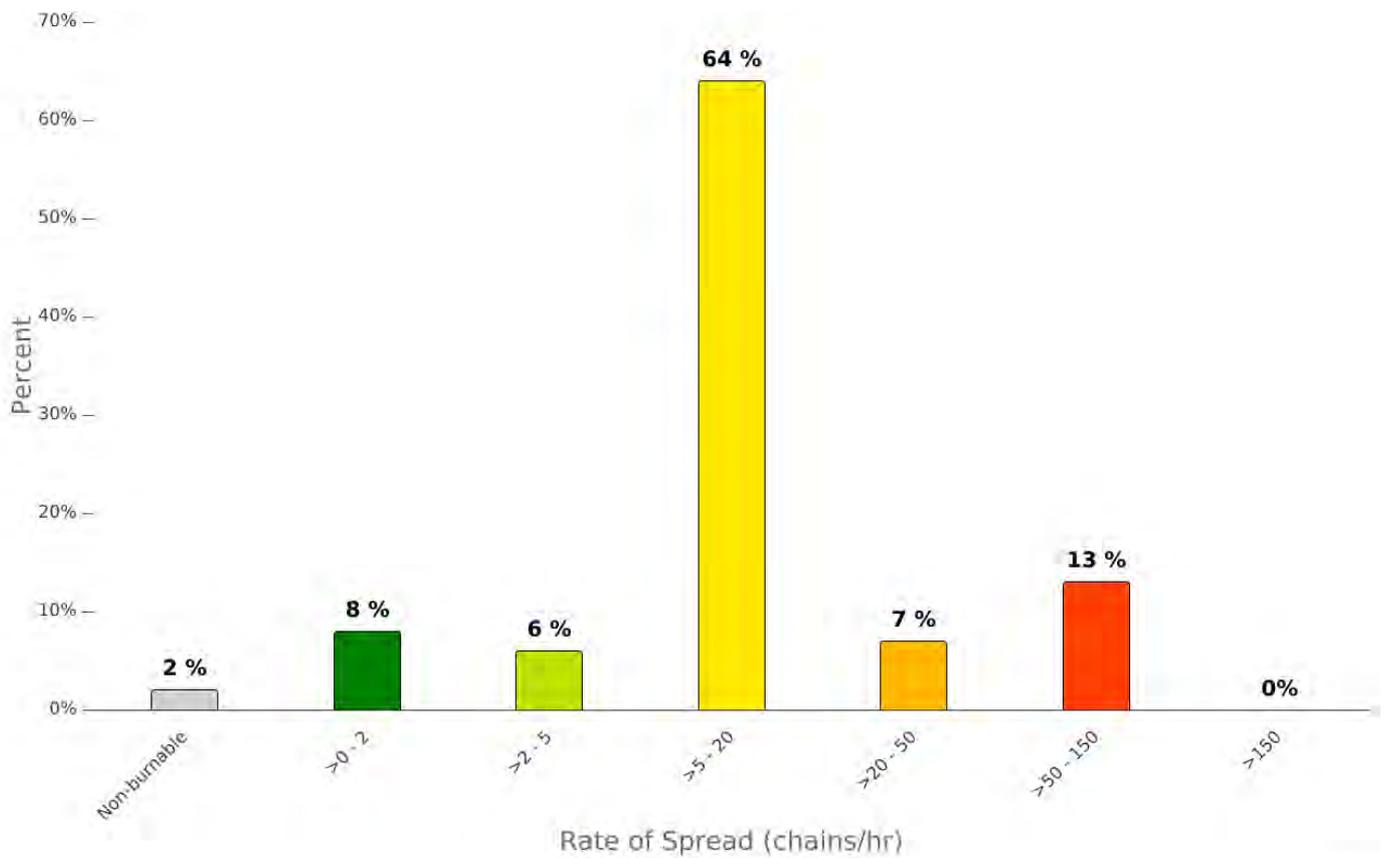
Landscape Name: Downieville Landscape

Landfire Version: LF 2023

Landscape Acres (unbuffered): 228,371

Area of Interest Name: downieville

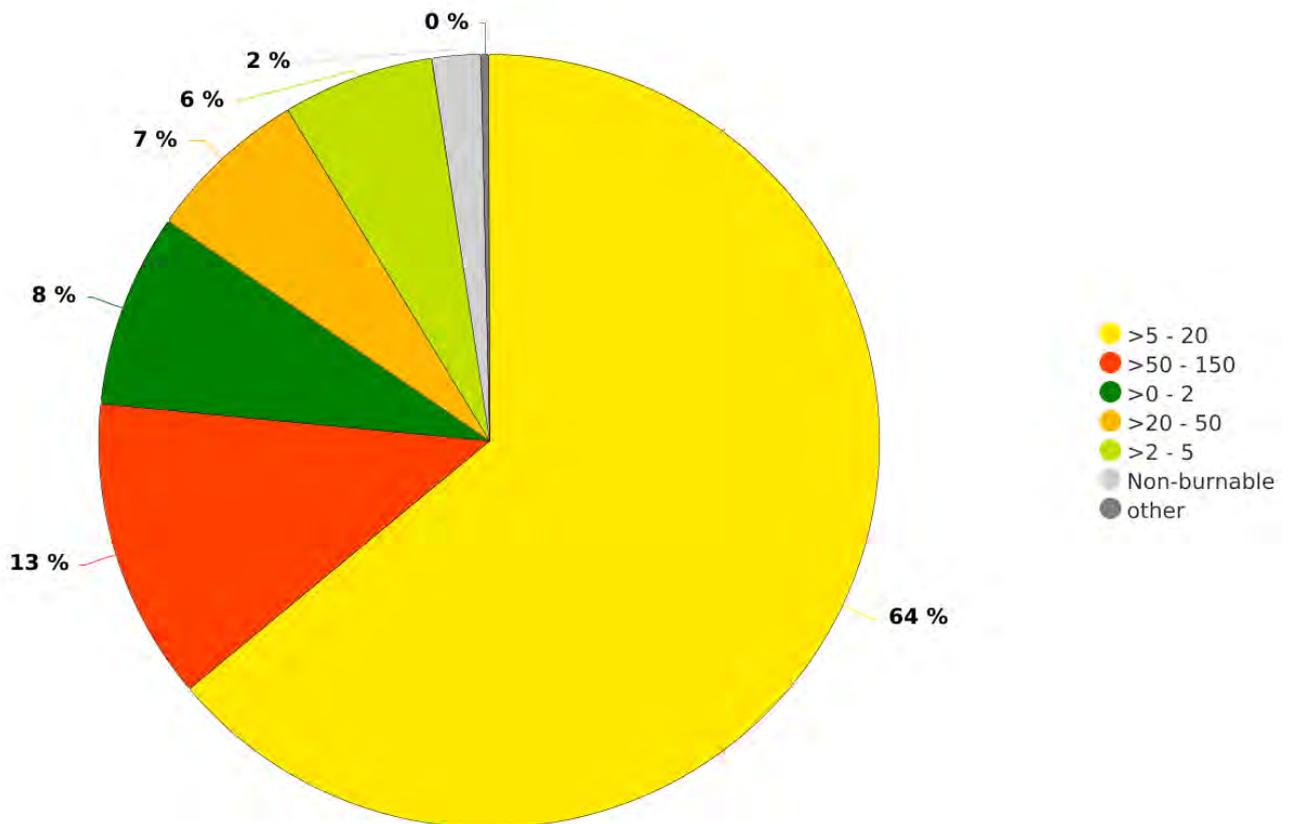
Area of Interest Acres: 113,397



Rate of Spread

Rate of Spread (chains/hr) Data Summary for Area of Interest "downieville" within "Downieville FPD_1" Model Output

Model Output Name: Downieville FPD_1
Landscape Name: Downieville Landscape
Landfire Version: LF 2023
Landscape Acres (unbuffered): 228,371
Area of Interest Name: downieville
Area of Interest Acres: 113,397



Rate of Spread

Rate of Spread (chains/hr) Data Summary for Area of Interest "downieville" within "Downieville FPD_1" Model Output

Model Output Name: Downieville FPD_1

Landscape Name: Downieville Landscape

Landfire Version: LF 2023

Landscape Acres (unbuffered): 228,371

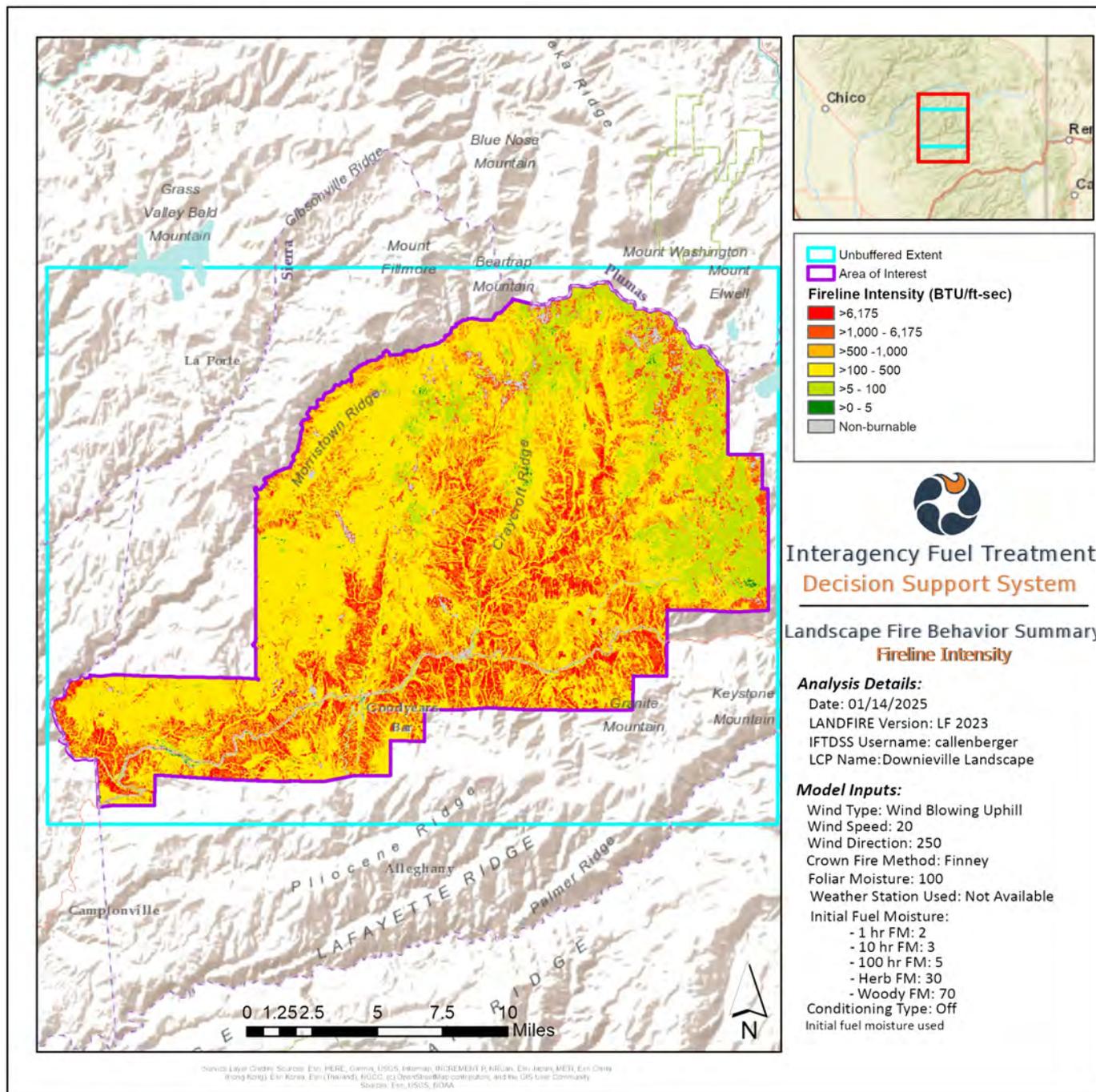
Area of Interest Name: downieville

Area of Interest Acres: 113,397

Rate of Spread (chains/hr)	Pixel Count In AOI	Acres In AOI	Percent In AOI
Non-burnable	10,283	2,287	2%
>0 - 2	41,141	9,150	8%
>2 - 5	32,177	7,156	6%
>5 - 20	326,015	72,504	64%
>20 - 50	34,371	7,644	7%
>50 - 150	64,243	14,287	13%
>150	1,659	369	0%

Fireline Intensity

Fireline Intensity (BTU/ft-sec) Data Summary for Area of Interest "downieville" within "Downieville FPD_1" Model Output



Fireline Intensity

Fireline Intensity (BTU/ft-sec) Data Summary for Area of Interest "downieville" within "Downieville FPD_1" Model Output

Model Output Name: Downieville FPD_1

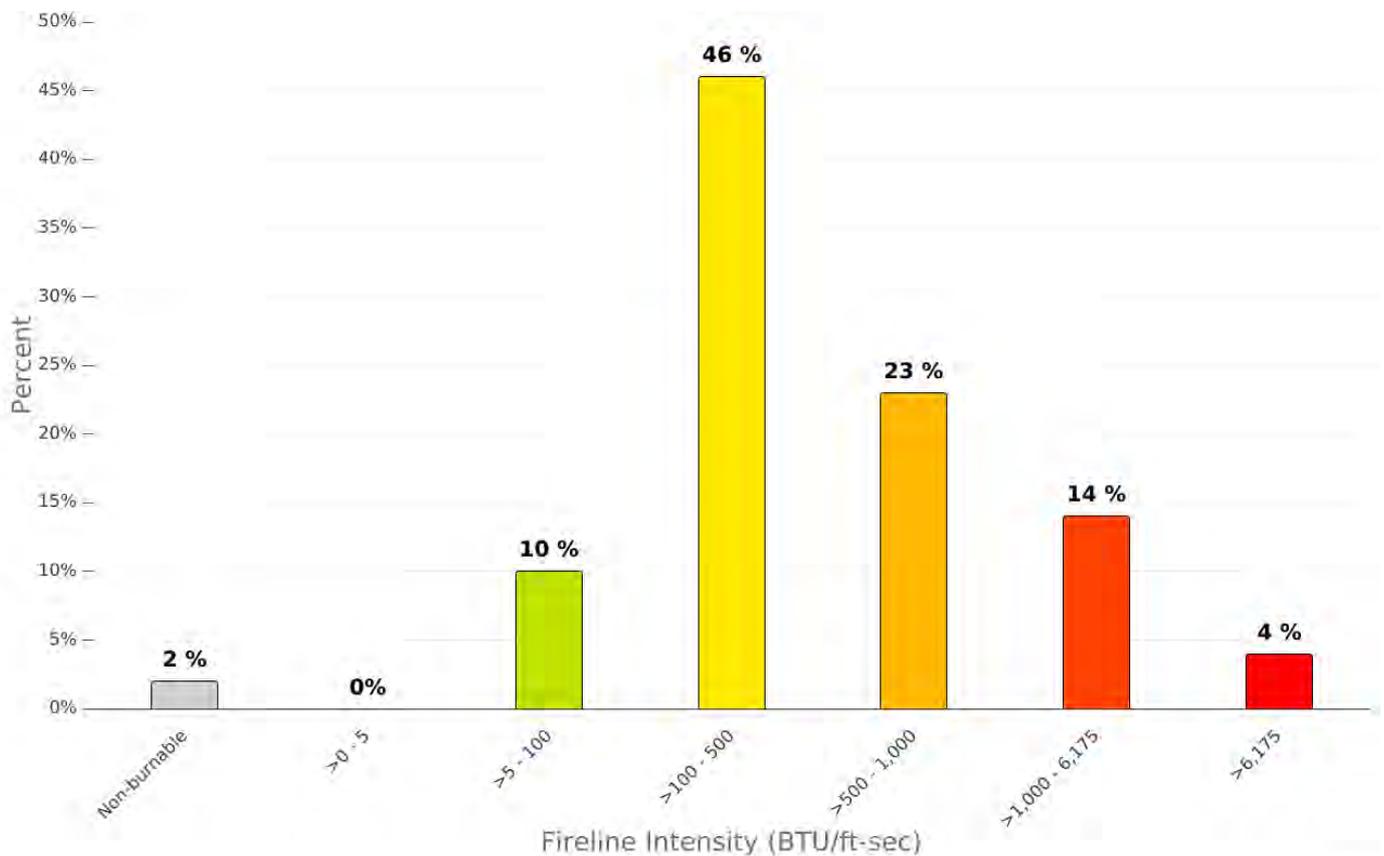
Landscape Name: Downieville Landscape

Landfire Version: LF 2023

Landscape Acres (unbuffered): 228,371

Area of Interest Name: downieville

Area of Interest Acres: 113,397



Fireline Intensity

Fireline Intensity (BTU/ft-sec) Data Summary for Area of Interest "downieville" within "Downieville FPD_1" Model Output

Model Output Name: Downieville FPD_1

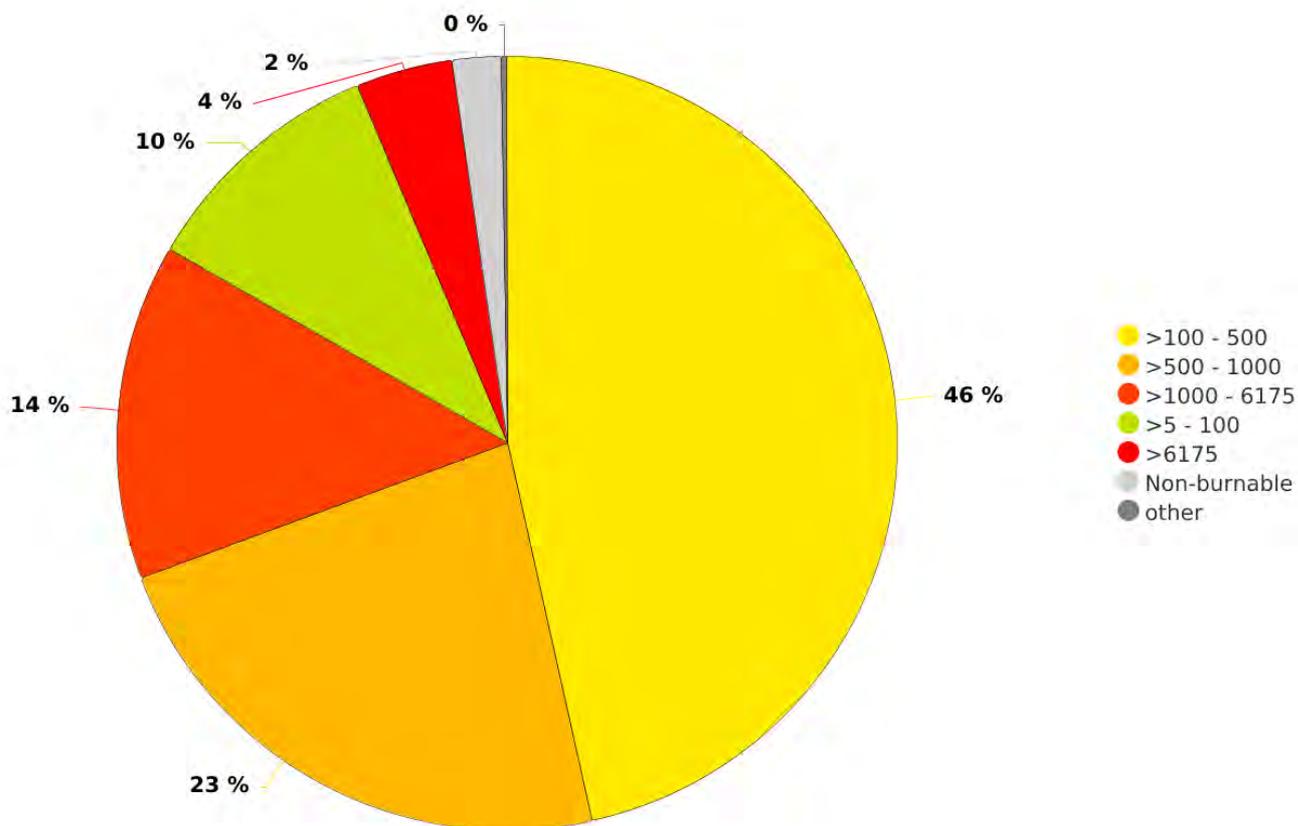
Landscape Name: Downieville Landscape

Landfire Version: LF 2023

Landscape Acres (unbuffered): 228,371

Area of Interest Name: downieville

Area of Interest Acres: 113,397



Fireline Intensity

Fireline Intensity (BTU/ft-sec) Data Summary for Area of Interest "downieville" within "Downieville FPD_1" Model Output

Model Output Name: Downieville FPD_1

Landscape Name: Downieville Landscape

Landfire Version: LF 2023

Landscape Acres (unbuffered): 228,371

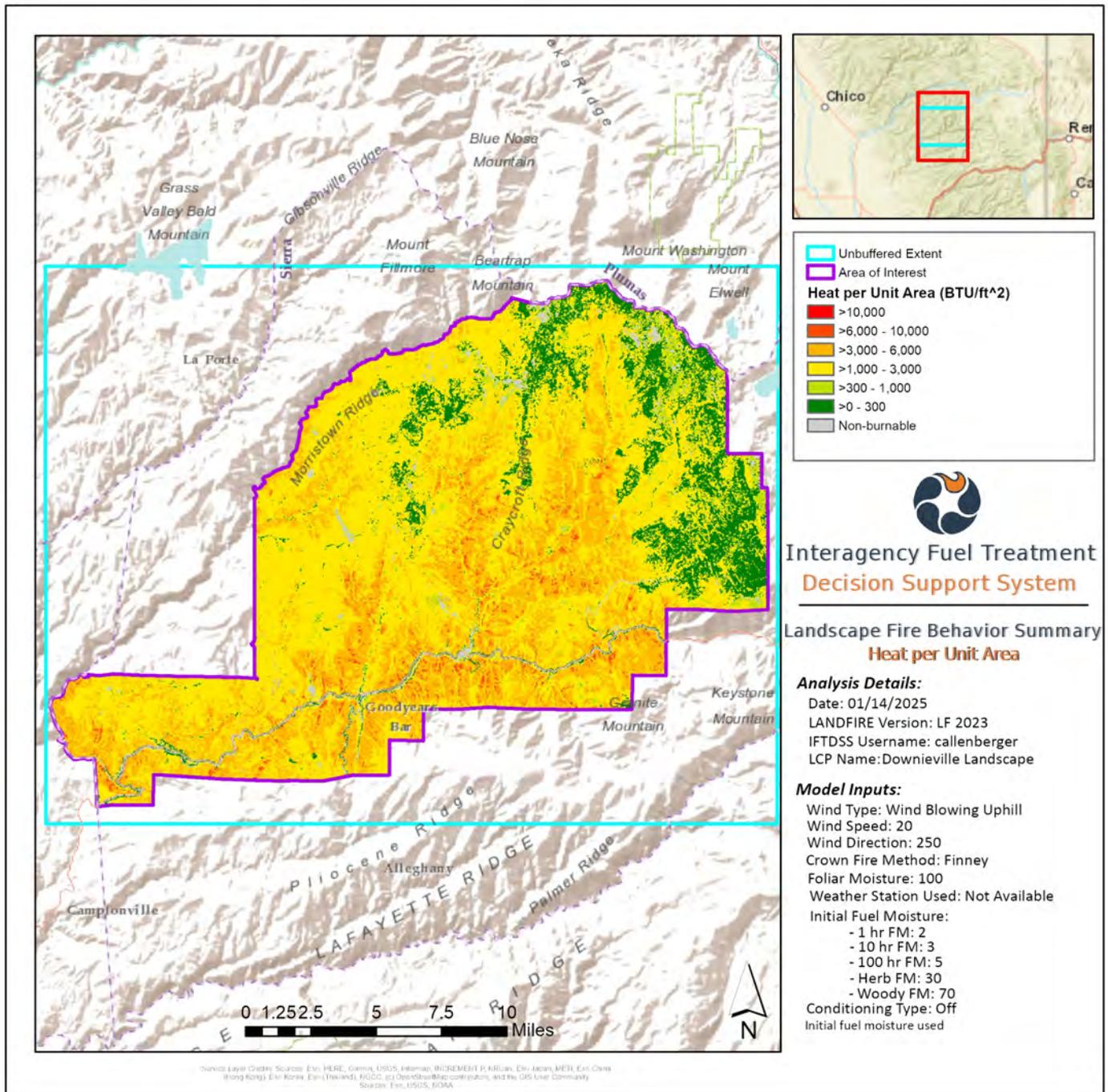
Area of Interest Name: downieville

Area of Interest Acres: 113,397

Fireline Intensity (BTU/ft-sec)	Pixel Count In AOI	Acres In AOI	Percent In AOI
Non-burnable	10,283	2,287	2%
>0 - 5	1,233	274	0%
>5 - 100	52,993	11,785	10%
>100 - 500	237,092	52,728	46%
>500 - 1,000	116,491	25,907	23%
>1,000 - 6,175	71,411	15,881	14%
>6,175	20,386	4,534	4%

Heat per Unit Area

Heat per Unit Area (BTU/ft²) Data Summary for Area of Interest "downieville" within "Downieville FPD_1" Model Output



Heat per Unit Area

Heat per Unit Area (BTU/ft²) Data Summary for Area of Interest "downieville" within "Downieville FPD_1" Model Output

Model Output Name: Downieville FPD_1

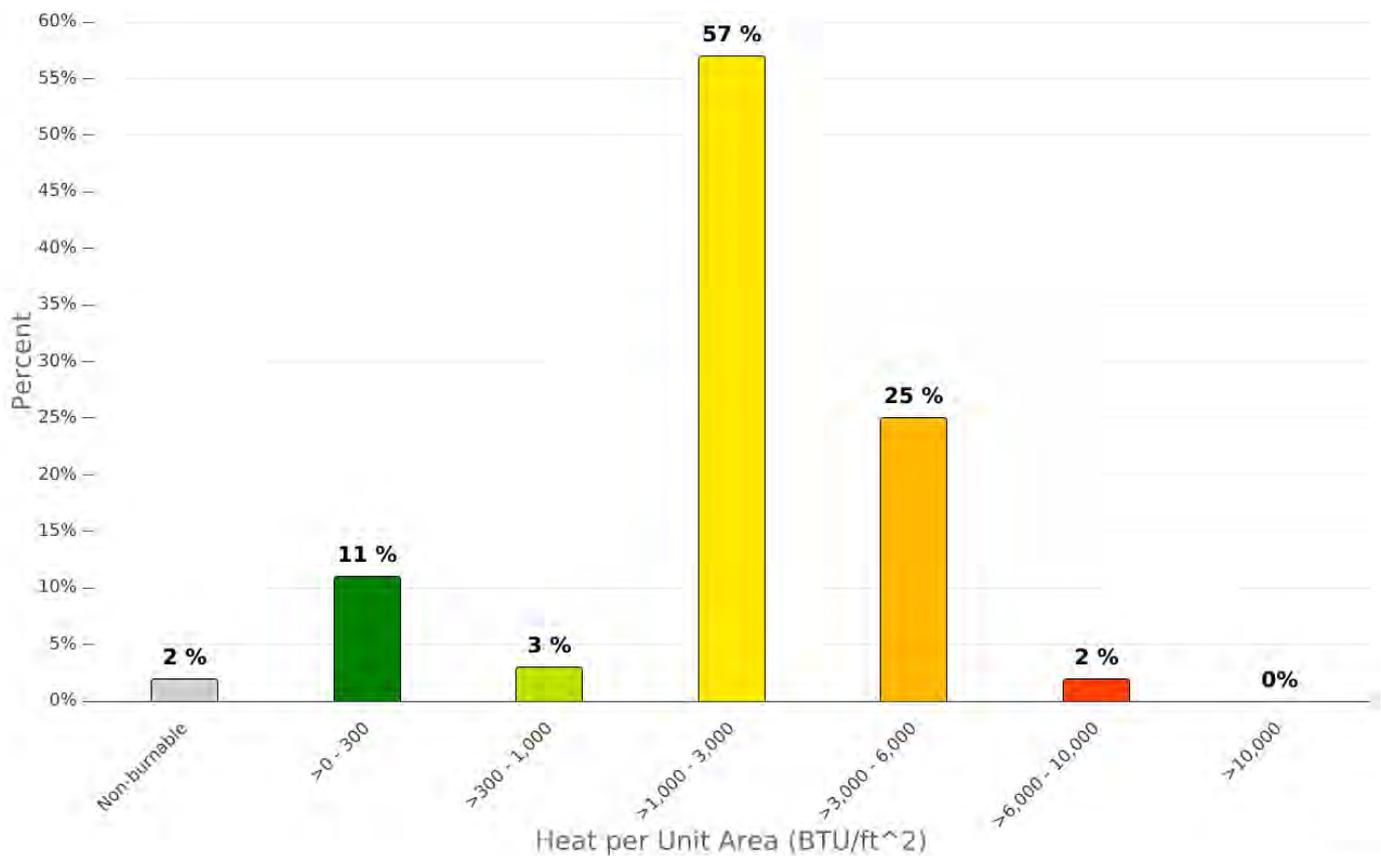
Landscape Name: Downieville Landscape

Landfire Version: LF 2023

Landscape Acres (unbuffered): 228,371

Area of Interest Name: downieville

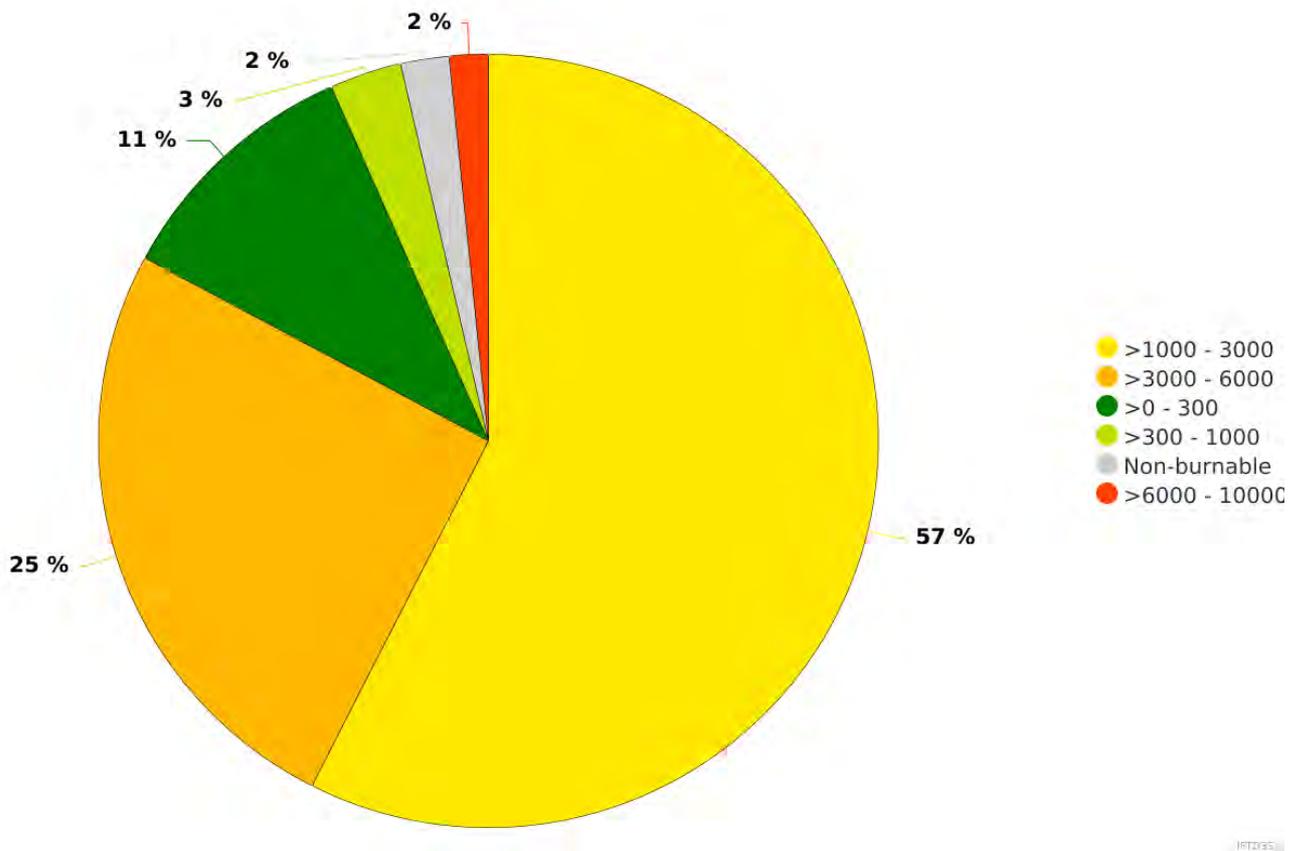
Area of Interest Acres: 113,397



Heat per Unit Area

Heat per Unit Area (BTU/ft²) Data Summary for Area of Interest "downieville" within "Downieville FPD_1" Model Output

Model Output Name: Downieville FPD_1
Landscape Name: Downieville Landscape
Landfire Version: LF 2023
Landscape Acres (unbuffered): 228,371
Area of Interest Name: downieville
Area of Interest Acres: 113,397



Heat per Unit Area

Heat per Unit Area (BTU/ft²) Data Summary for Area of Interest "downieville" within "Downieville FPD_1" Model Output

Model Output Name: Downieville FPD_1

Landscape Name: Downieville Landscape

Landfire Version: LF 2023

Landscape Acres (unbuffered): 228,371

Area of Interest Name: downieville

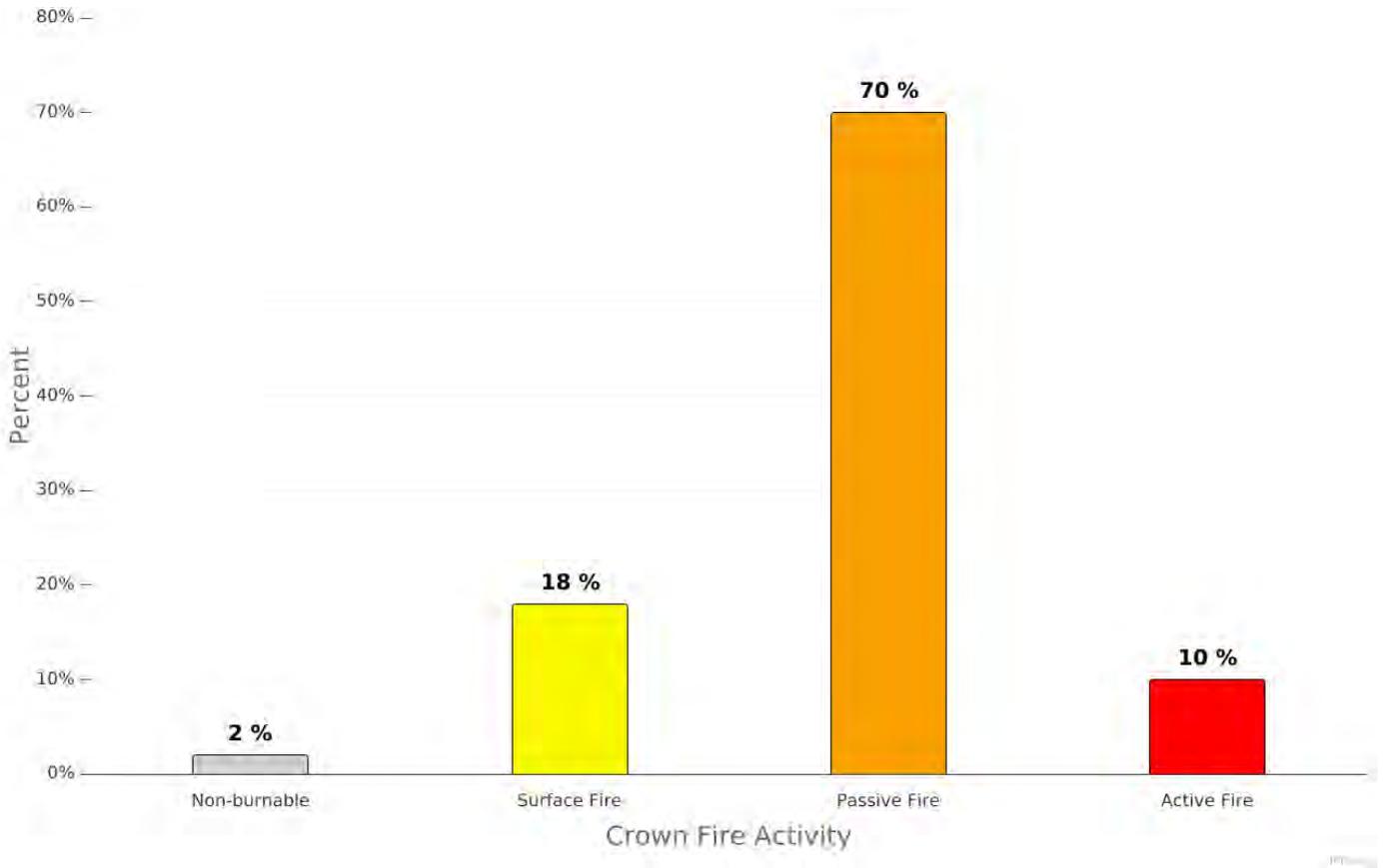
Area of Interest Acres: 113,397

Heat per Unit Area (BTU/ft ²)	Pixel Count In AOI	Acres In AOI	Percent In AOI
Non-burnable	10,283	2,287	2%
>0 - 300	53,820	11,969	11%
>300 - 1,000	15,143	3,368	3%
>1,000 - 3,000	293,045	65,172	57%
>3,000 - 6,000	129,427	28,784	25%
>6,000 - 10,000	8,171	1,817	2%
>10,000	0	0	0%

Crown Fire Activity

Crown Fire Activity Data Summary for Area of Interest "downieville" within "Downieville FPD_1" Model Output

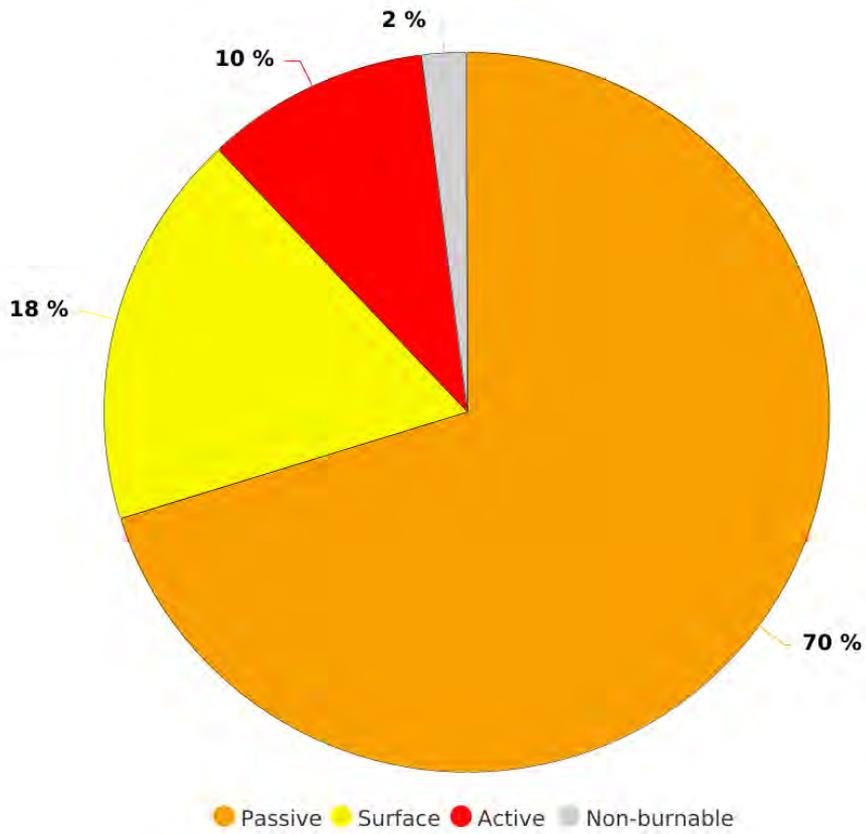
Model Output Name: Downieville FPD_1
Landscape Name: Downieville Landscape
Landfire Version: LF 2023
Landscape Acres (unbuffered): 228,371
Area of Interest Name: downieville
Area of Interest Acres: 113,397



Crown Fire Activity

Crown Fire Activity Data Summary for Area of Interest "downieville" within "Downieville FPD_1" Model Output

Model Output Name: Downieville FPD_1
Landscape Name: Downieville Landscape
Landfire Version: LF 2023
Landscape Acres (unbuffered): 228,371
Area of Interest Name: downieville
Area of Interest Acres: 113,397



Crown Fire Activity

Crown Fire Activity Data Summary for Area of Interest "downieville" within "Downieville FPD_1" Model Output

Model Output Name: Downieville FPD_1

Landscape Name: Downieville Landscape

Landfire Version: LF 2023

Landscape Acres (unbuffered): 228,371

Area of Interest Name: downieville

Area of Interest Acres: 113,397

Crown Fire Activity	Pixel Count In AOI	Acres In AOI	Percent In AOI
Non-burnable	10,283	2,287	2%
Surface Fire	90,569	20,142	18%
Passive Fire	358,108	79,641	70%
Active Fire	50,929	11,326	10%