



2021/2022 Update

Idaho County, Idaho

CWPP Appendices

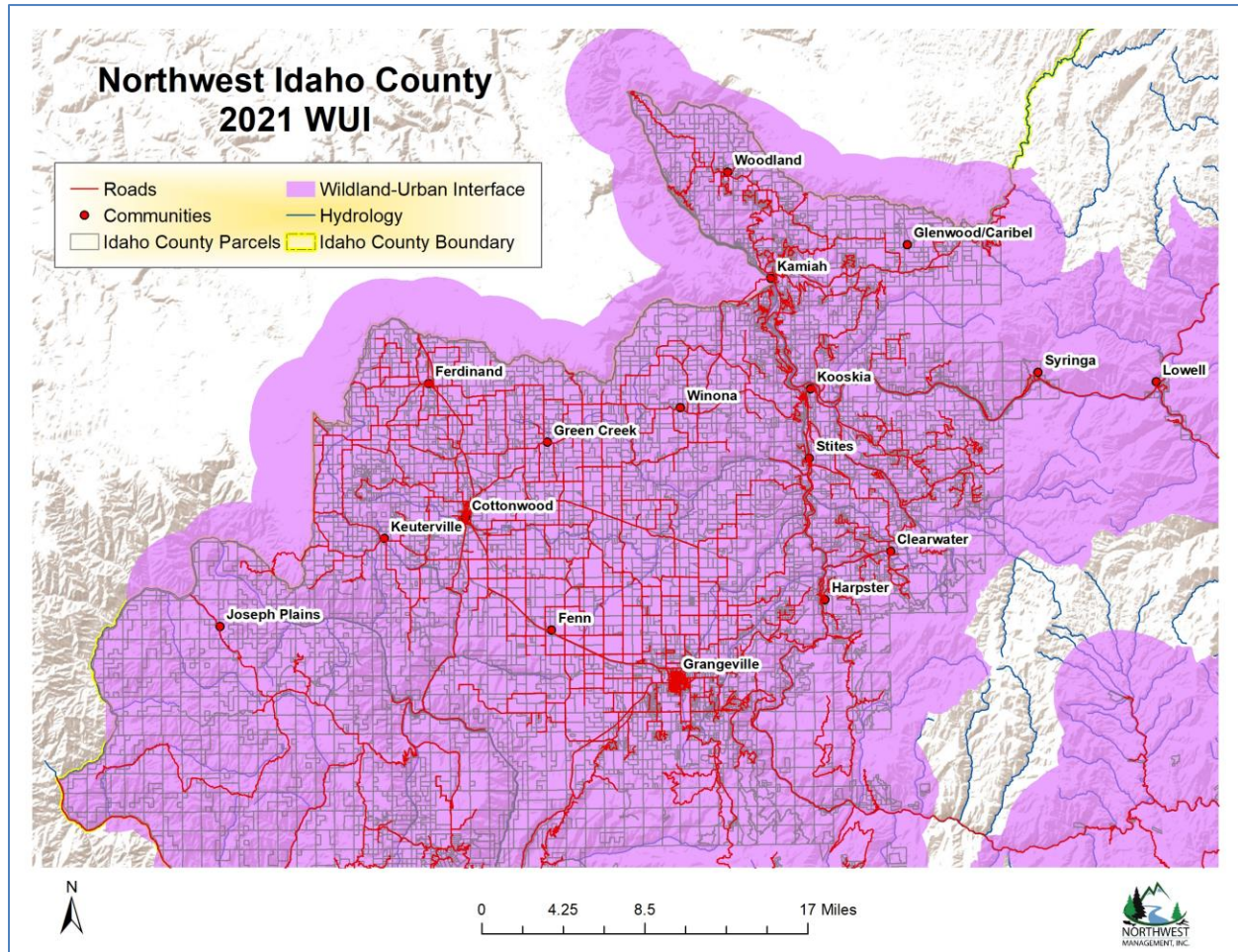
Contents

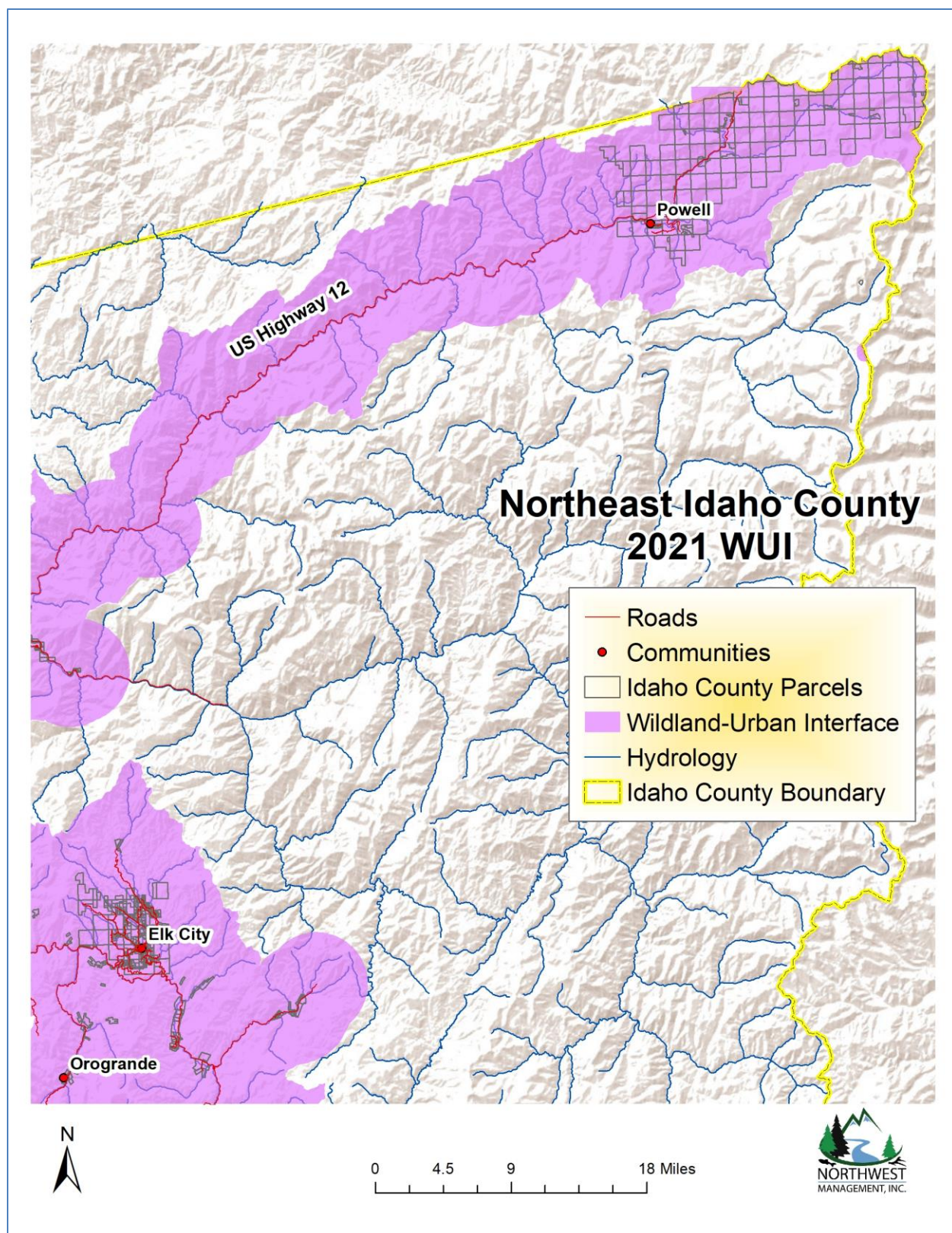
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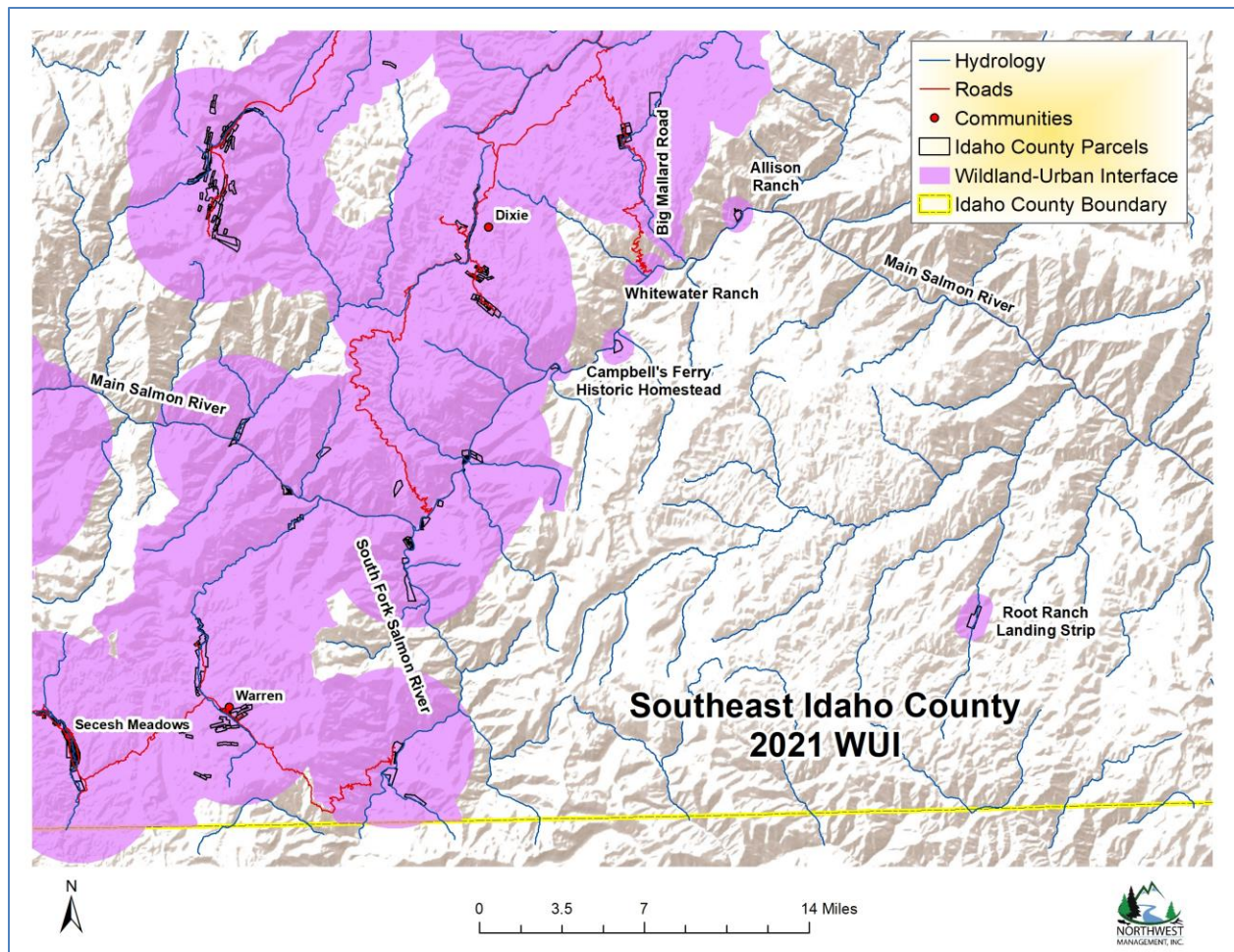
Appendix 1: Mapping Products

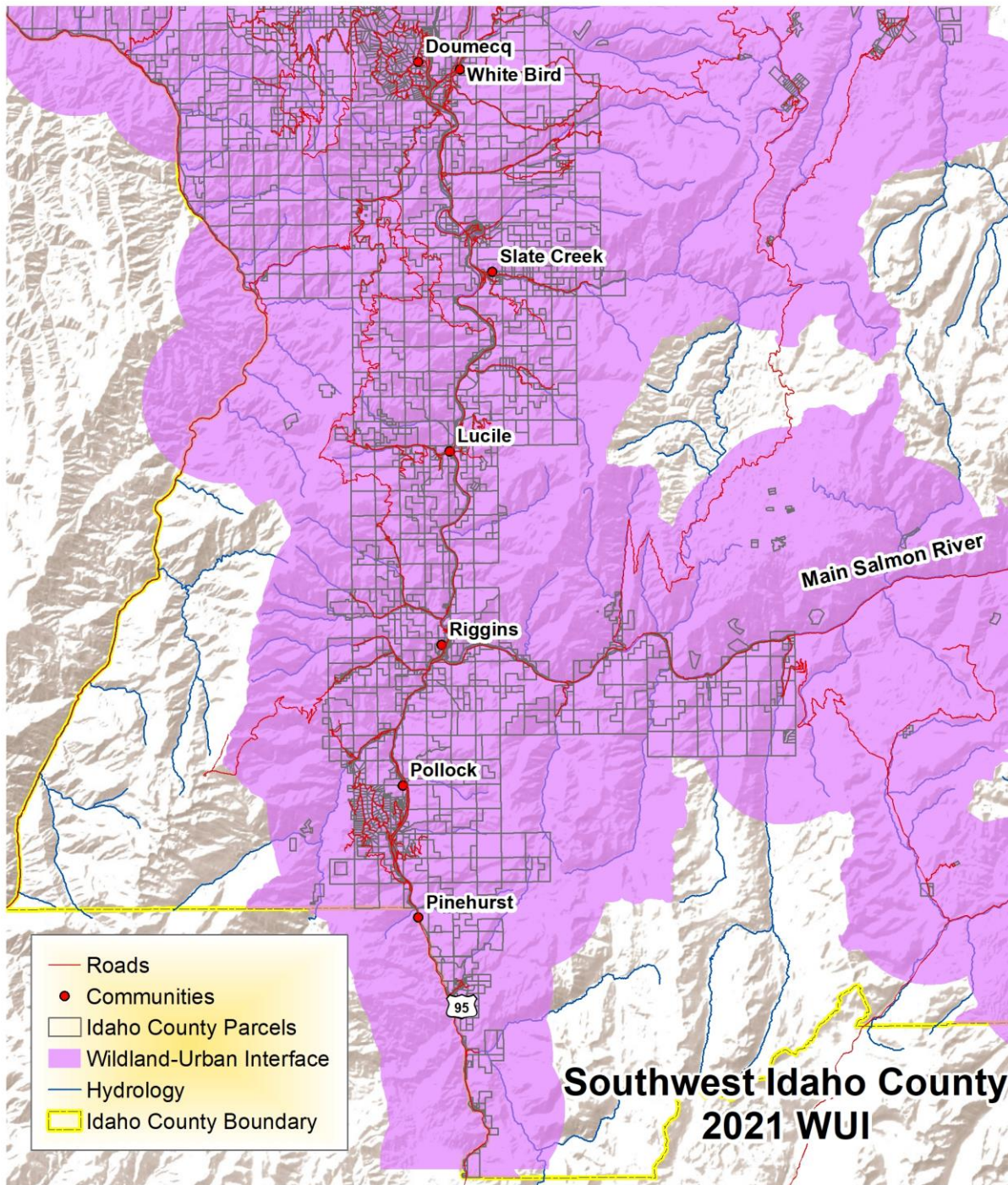
Supplemental Wildland-Urban Interface Maps

For a more focused expression of the Wildland-Urban Interface, regional maps were created with useful layers added to show more detail. Some additional layers used include rivers and streams, road systems, communities, and county parcels. For some maps, labels were added for directional reference.







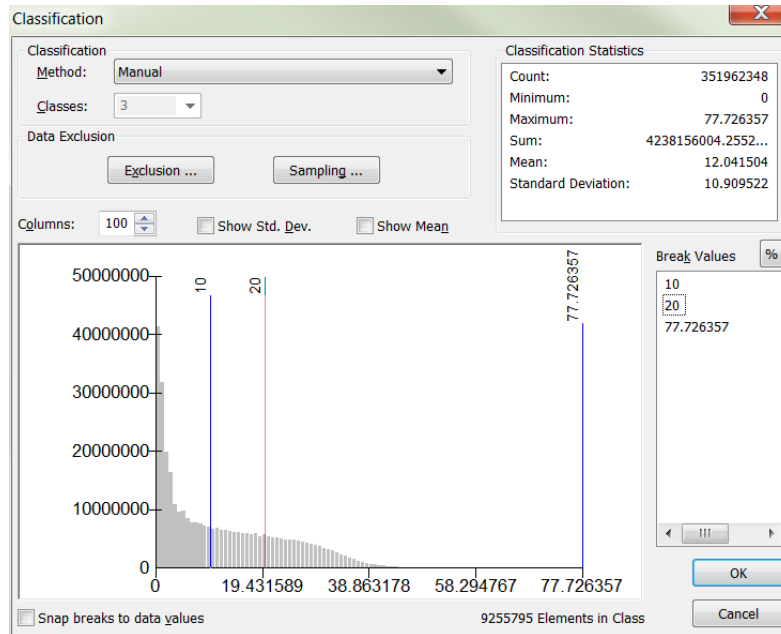


IDL Fire Hazard Model

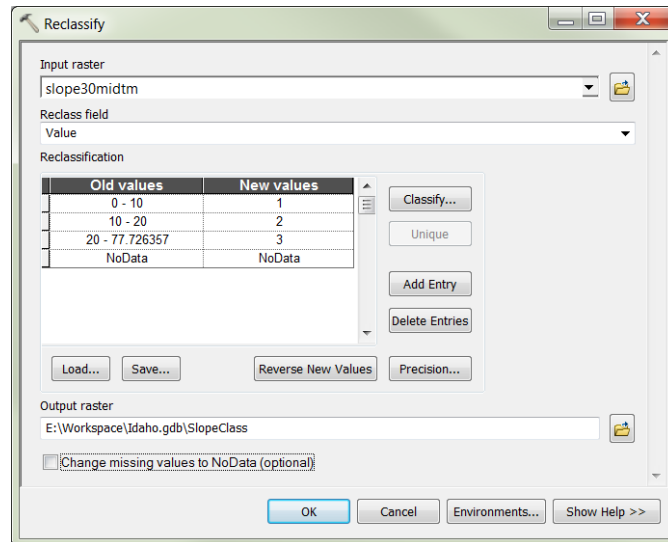
Data Properties and formats

1. Slope

- A 30-meter dem used as the source data.
- Ran the **Slope** tool in Spatial Analyst on ArcMap. I used PERCENT as the output option.
- Ran the **Reclassify** tool to group the slope into 3 categories: 0 – 10%, 10.00001 – 20%, and greater than 20%.

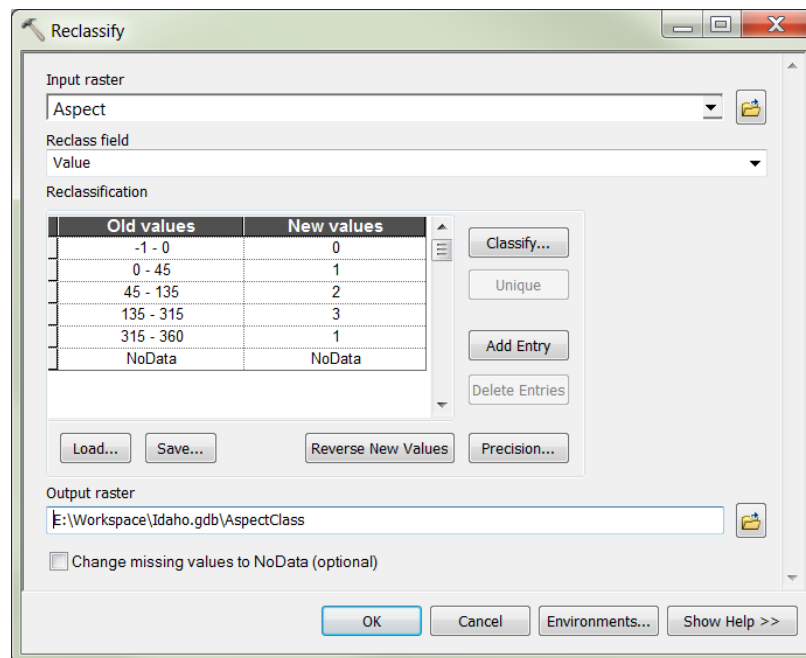


- Gave the three class new values of 1, 2 and 3 from low slope to high slope. Named the output Slope Class.



2. Aspect

- A 30-meter dem used as the source data.
- Ran the **Aspect** tool in Spatial Analyst on ArcMap.
- Ran the **Reclassify** tool to group the aspect into 3 categories: 1. North (0 to 45 degrees and 315 to 360 degrees), 2. East (45 to 135 degrees), 3. South & West (135 to 315 degrees), and 0. Flat (0 degrees).
- Gave the three class new values of 1, 2, 3, and 0 according to the above aspect range categories. Named the output Aspect Class.



3. Vegetation

The 30-meter vegetation data from LANDFIRE was used. The vegetation was classified into 6 categories: grass, grass-brush, grass-tree, brush, brush-tree, tree. Grass was classified to 1, grass-tree 2, grass-shrub 3, shrub 4, shrub-tree 5 (this included pinion and juniper), and tree was classified to 6. All lakes, rock, agriculture, and urban areas are classified to 0. The vegetation was classified as given and written to an attribute. The vegetation file was exported with the new attribute as the new value into a file called Veg Class.

4. Fire History

A fire history dataset of fire points and polygons (when available) from 1980 to 2021 for Idaho was used. In 30-meter cells there were most cells with no fires many with one fire and a few cells with 2 fires. This did not give a good fire density. The HUC12 watershed polygons were used as the population density area.

Spatial Join was used to count the number of fire points within each HUC12.

See <http://support.esri.com/cn/knowledgebase/techarticles/detail/30779>

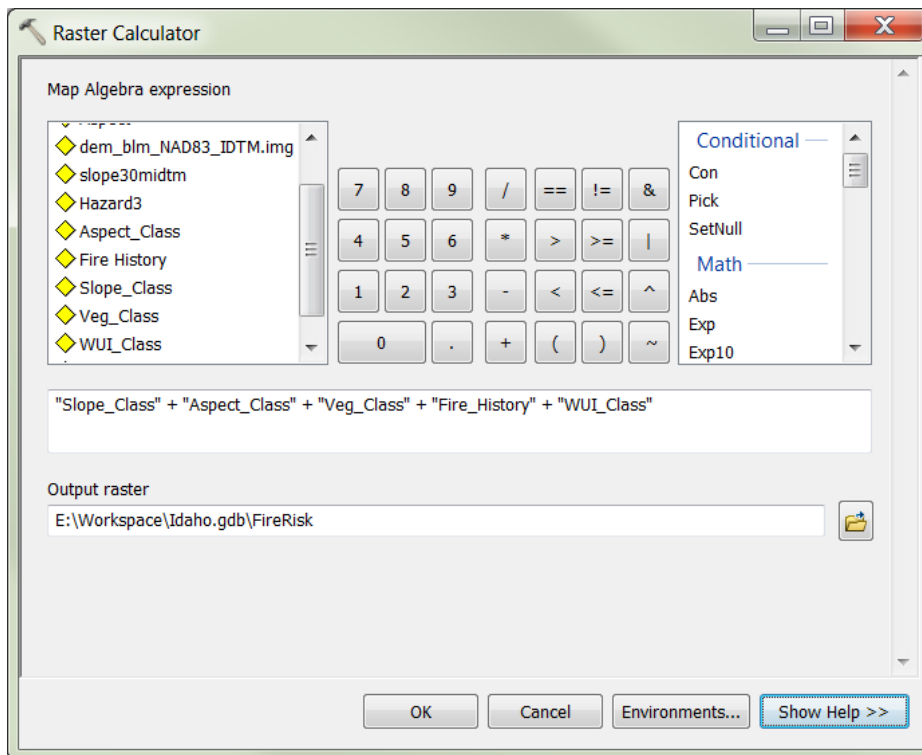
The output polygon layer was classified into five categories by natural breaks and was assigned 1, 2, 3, 4, and 5, from low fire density to high fire density. This polygon layer of fire density was converted to a 30-meter raster file called Fire Class.

5. Wildland – Urban Interface (WUI)

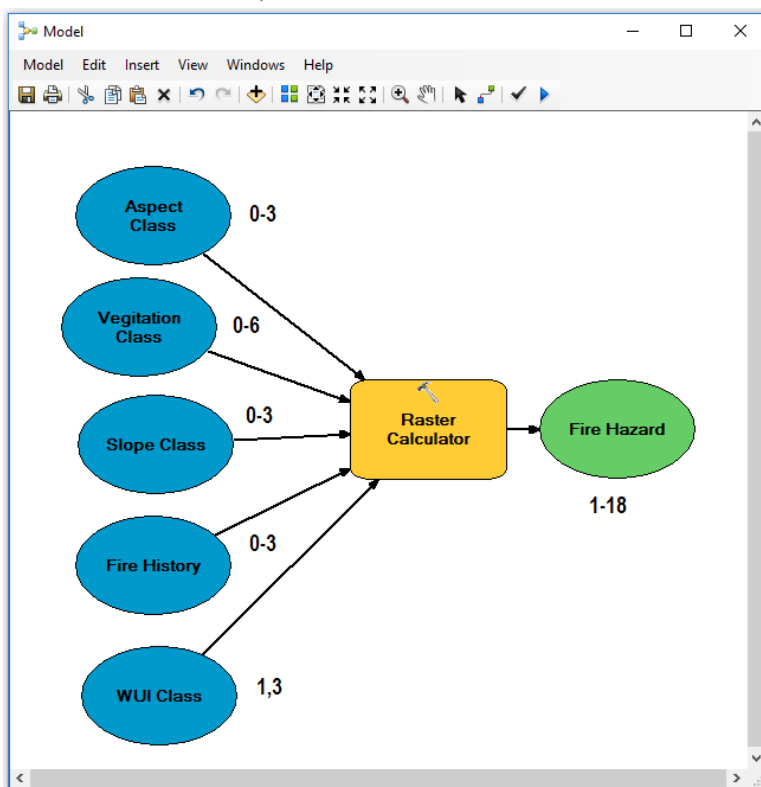
The WUI layer used was composed of the layers originally developed by the USFS and BLM. Where counties have defined and mapped their WUI as part of their CWPP it was substituted in place of the USFS or BLM layers. The WUI data layer was classified as 3 if in the WUI area and 1 if out of the WUI area. This polygon layer was also converted to a 30-meter raster file called WUI Class.

Data Analysis

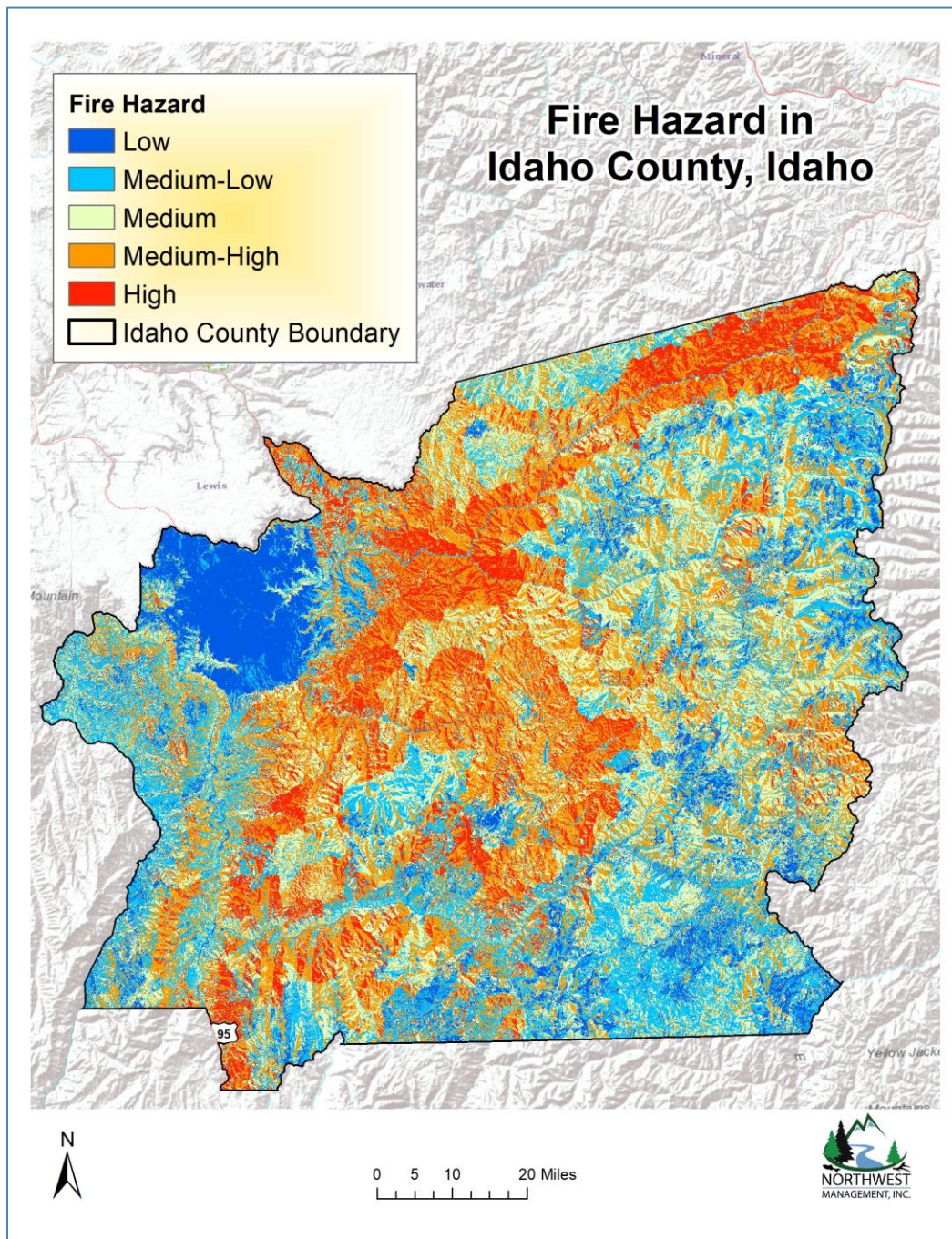
1. Used **Raster Calculator** to sum the values of Slope, Aspect, Vegetation, Fire History, and WUI.

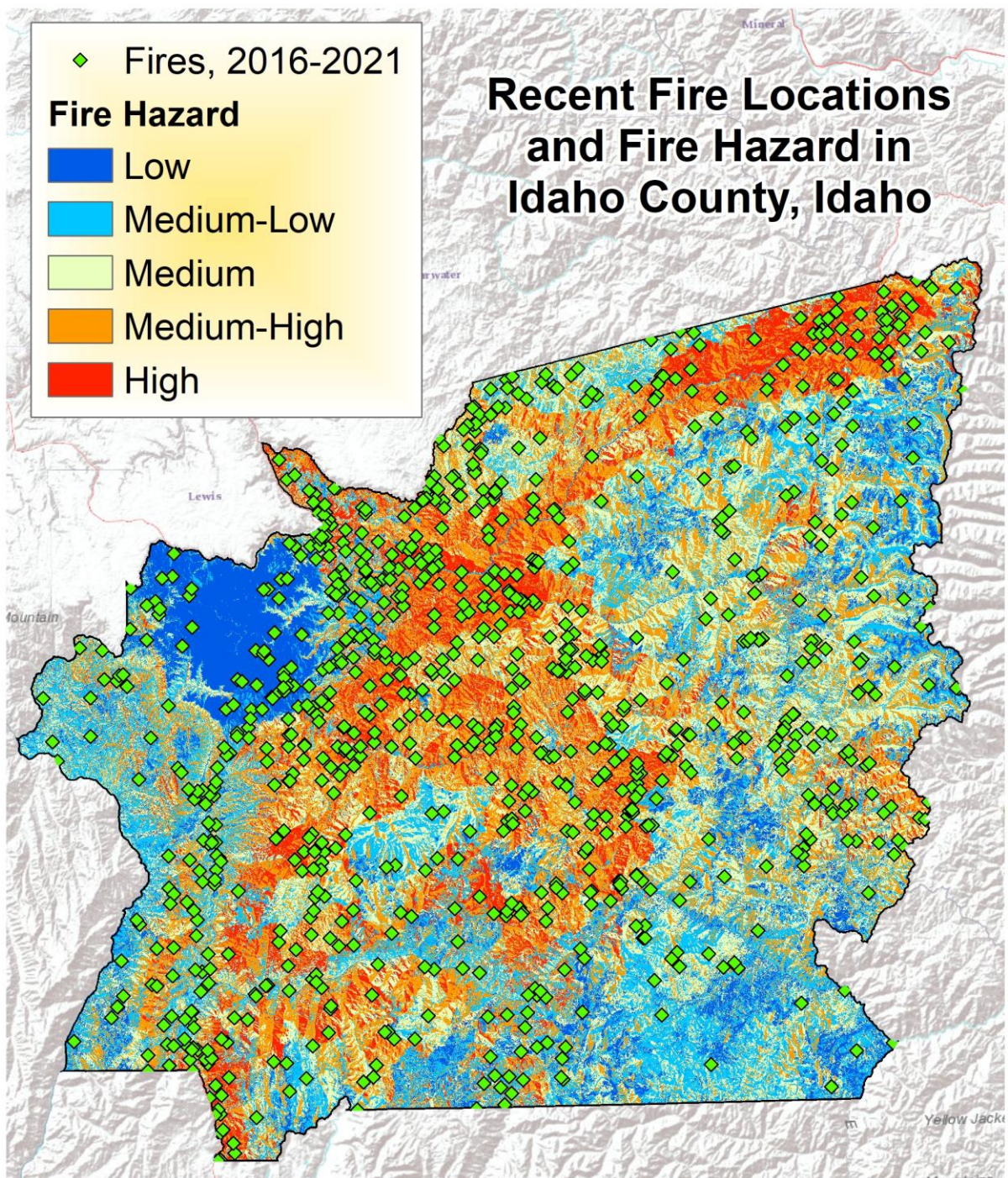


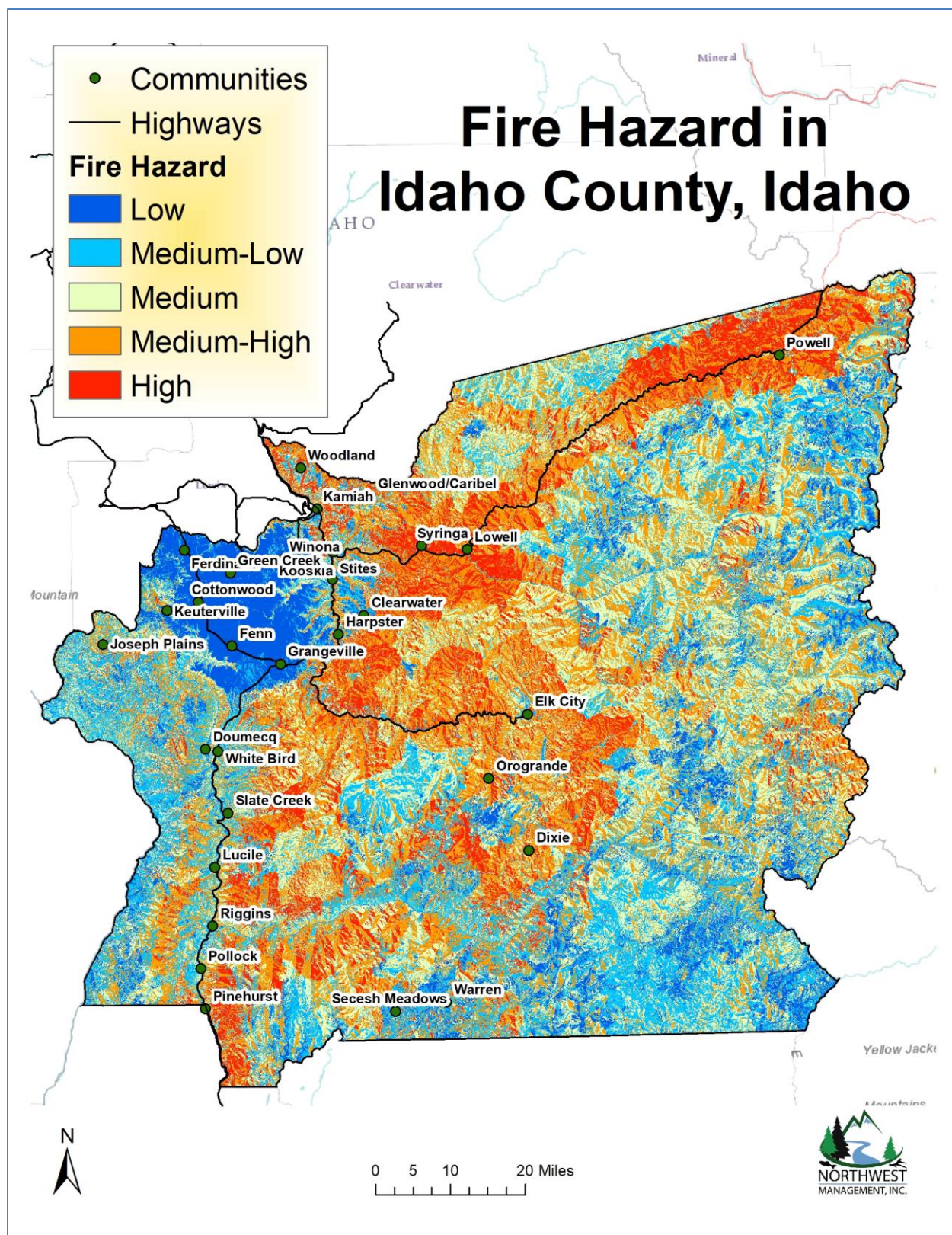
In Model Builder this process is outlined like this:



The output fire hazard will be the sum of the class values for Fire History, Aspect, Slope, Vegetation, and WUI. The lowest value in this analysis was 3 – 1 for aspect, 1 for slope and 1 for WUI. The highest value in this analysis can be 20. The Hazard layer raster was classified into 5 classes but can be done in any number of ways. A recommended starting point is to use natural breaks within the display information table of the layer.







Idaho County Fire Protection

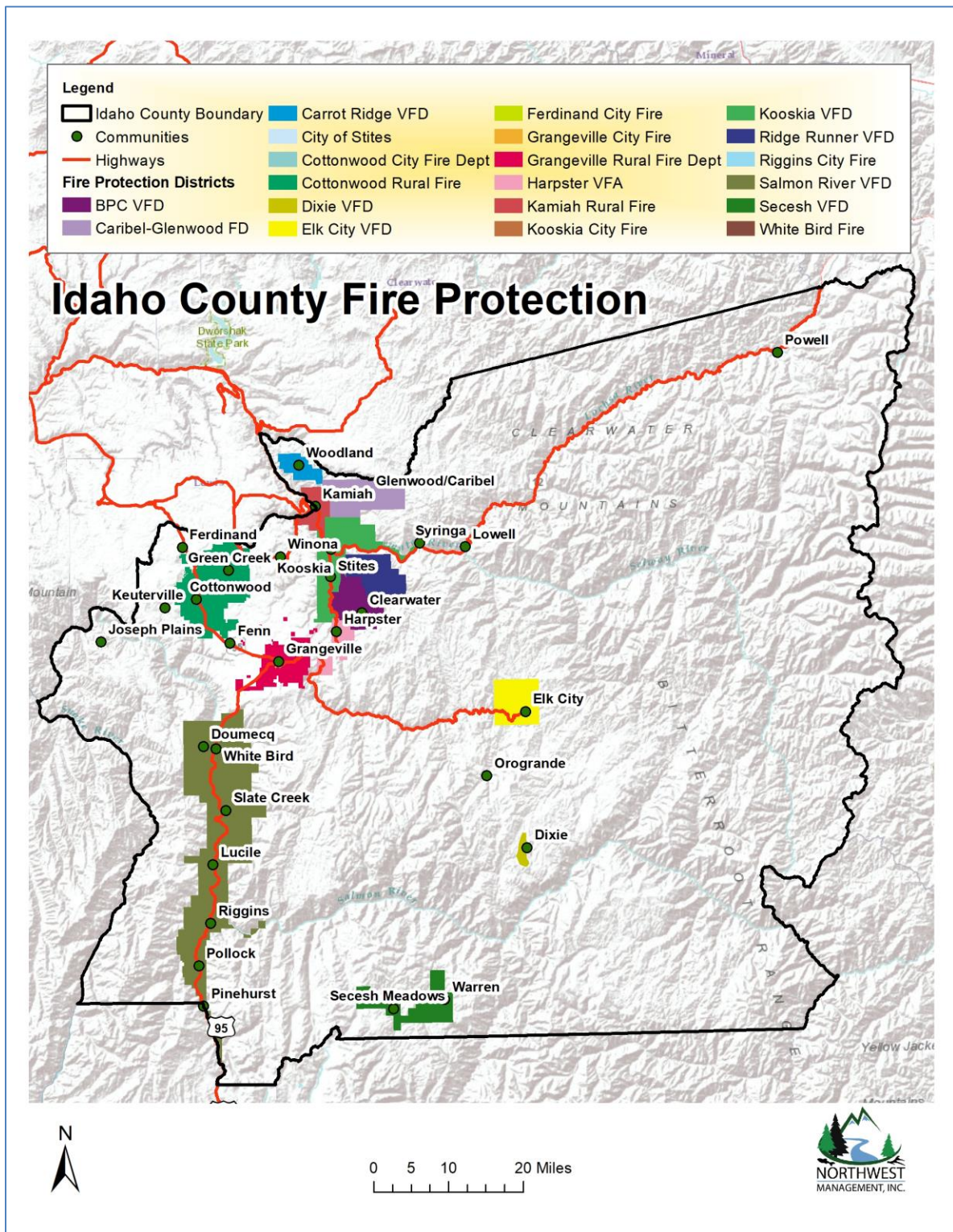
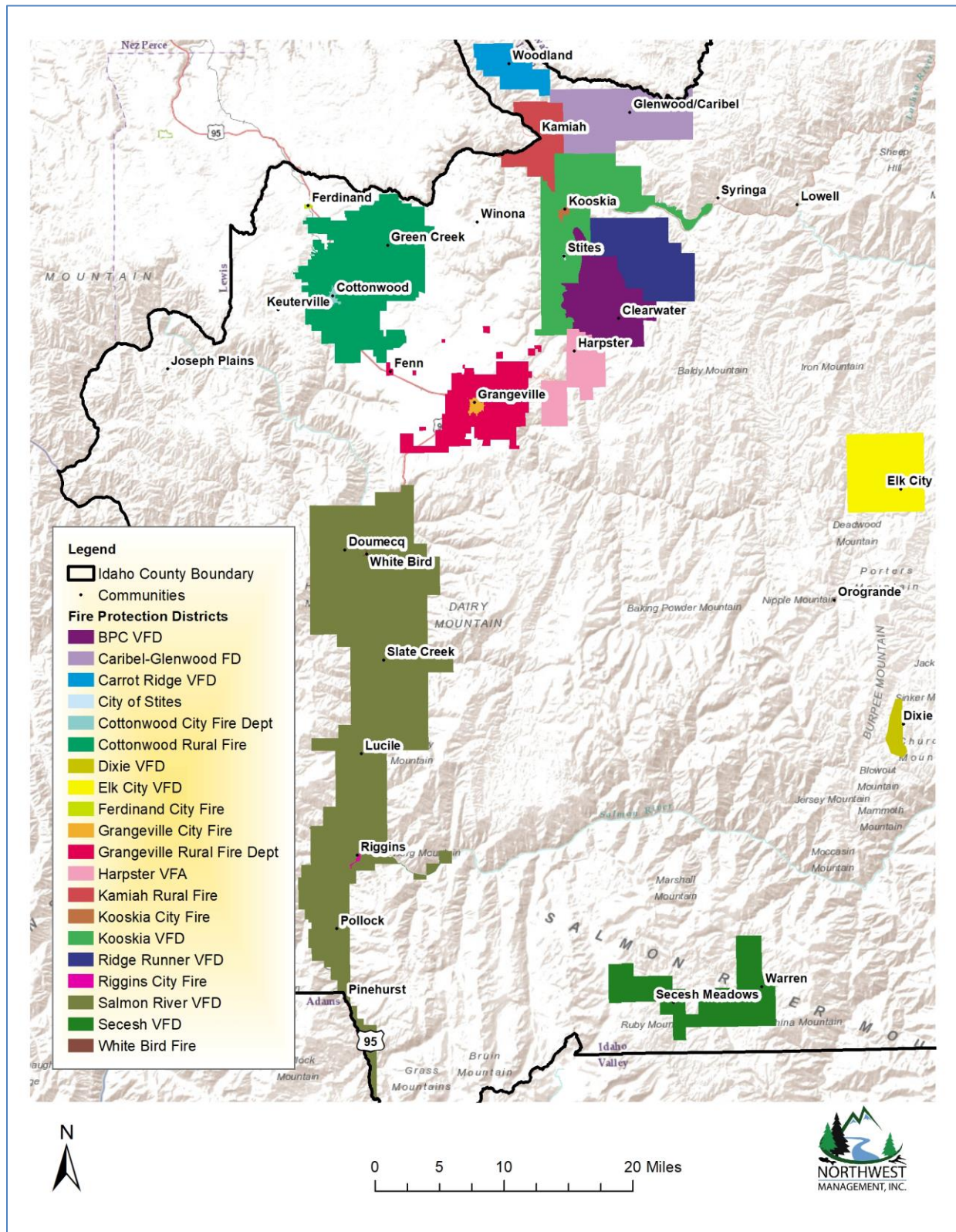
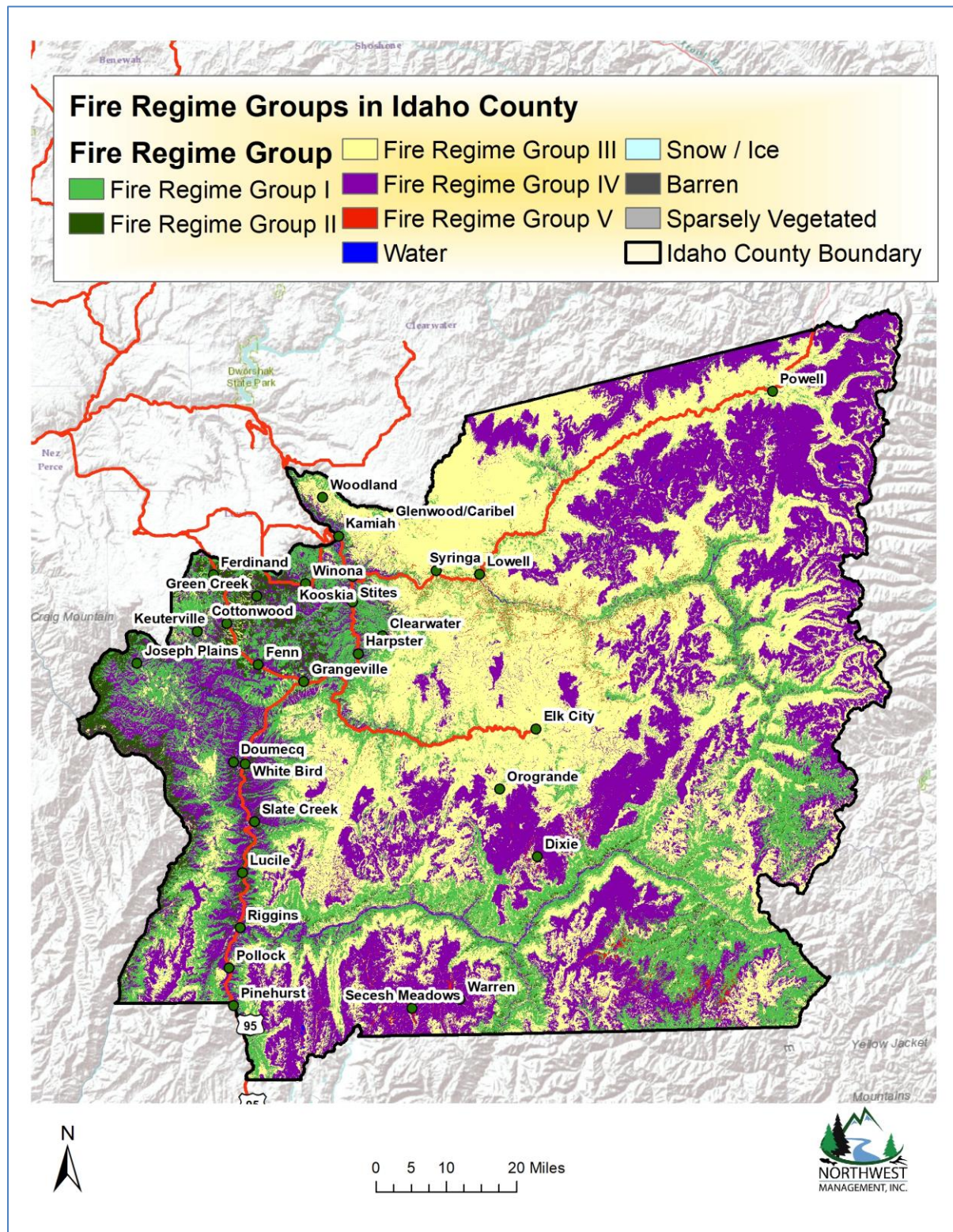


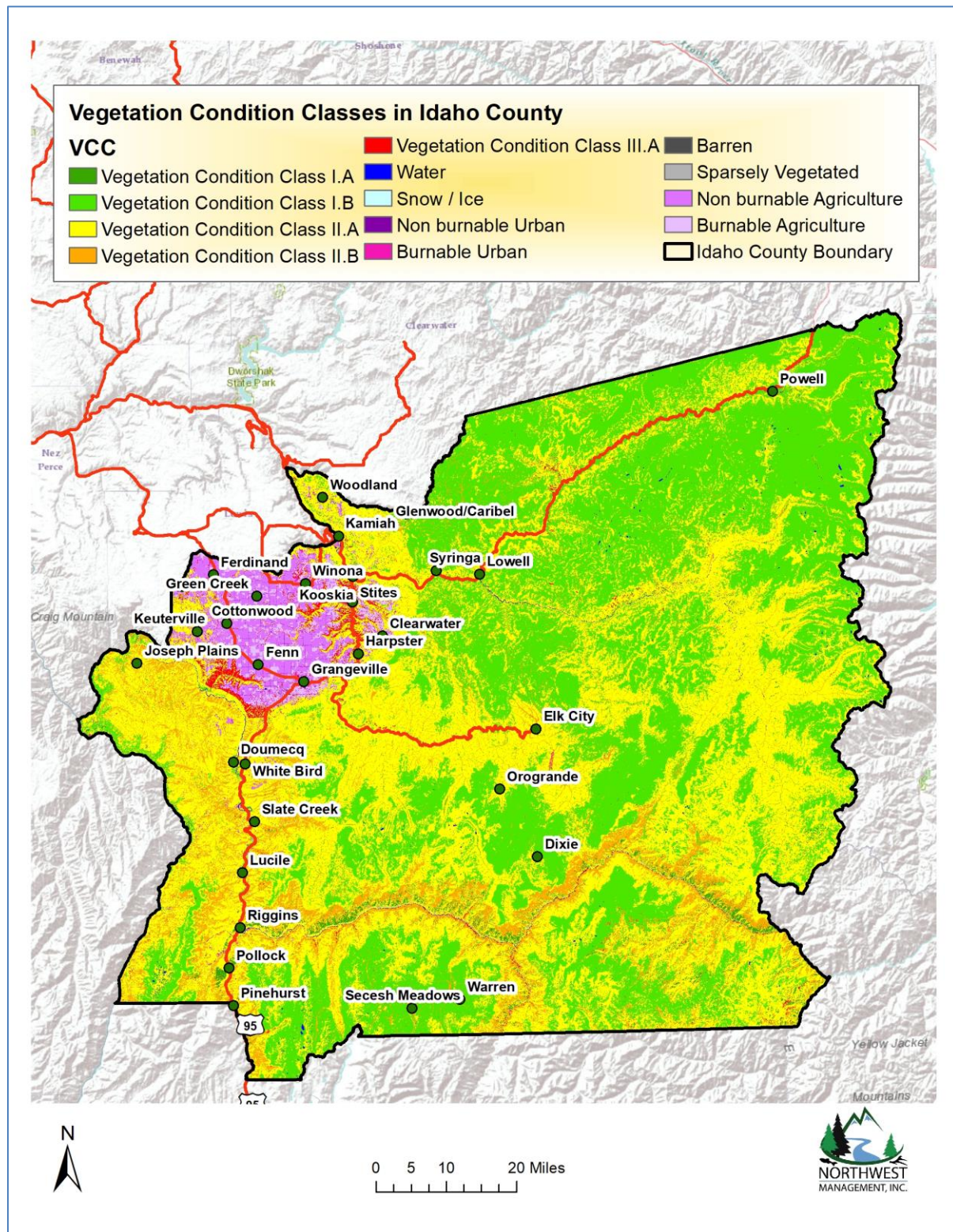
Figure 1: A "zoomed in view" of Idaho County Fire Protection



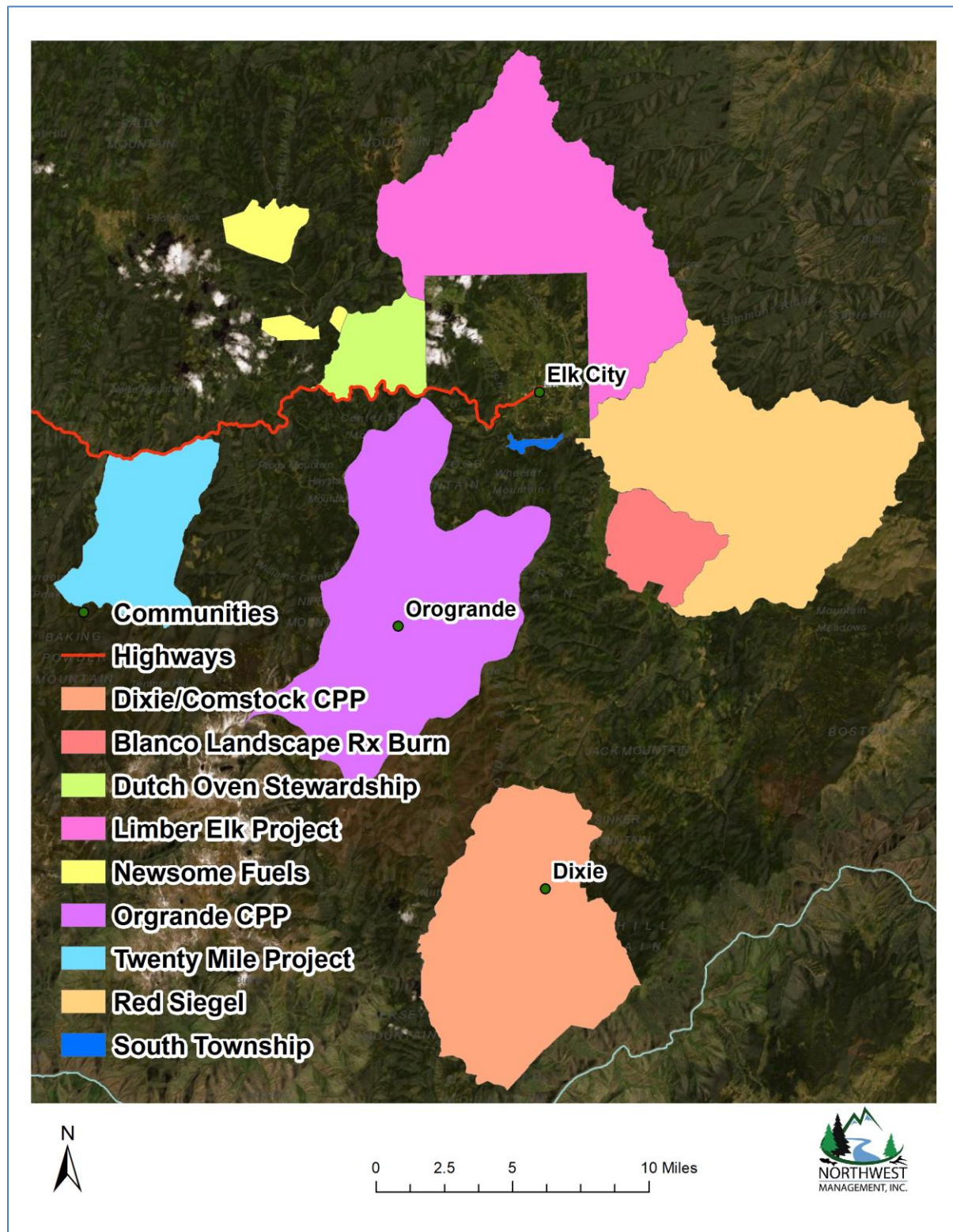
Historic Fire Regime



Vegetation Condition Class



CWPP Projects, Red River Ranger District



Appendix 2: Documenting The Planning Process

Record of Planning Team Meetings

Planning Team Meetings for the Idaho County Hazard Mitigation Plan updates were held regularly from April 2021 through June 2021, and again in September and October of 2021. These meetings typically included some discussion of topics specific to wildland fire and the CWPP. During some meetings, CWPP requirements and discussion were made the central point of the agenda and focus. The following record shows the meeting agendas and attendance for all planning meetings.

Project Kickoff Meeting: April 1, 2021

Project: Idaho County HMP/CWPP Update Date: April 1, 2021 Location: Grangeville, Idaho				
Name	Organization/Community	Phone	Email Address	Contact Me
Adam Herrenbruck	Northwest Management, Inc.	208 cell 310-2822	herrenbruck@nmi2.com	✓
J Zumaeta	Id. County	208 983-3074	jzumaeta@idaho-county.org	✓
Mark Anderson	Kootenai Fd	208 935-5802	anderson@camasnet.com	✓
Mike Goodwin	Stites Fd	208 935-5810	Madawg154@gmail.com	✓
Brad Tucker	Northwest Management	208-310-0320	tucker@nmi2.com	
Chandi Paul	Idaho County	208-983-3074	spaul@idaho-county.org	✓
DEAN NIMBLE	PH-INCA	208-749-0392	dean@PH2.IDAHO.COM	
Amanda Maki	USFS	983 4020	amanda.maki@usda.gov	X
Brian Parry	Grangeville Fire Dept	983-0381	Grangeville.barry@gmail.com	
Jared Andrews	Grangeville Fire	507-0833	Grangeville.fire@gmail.com	X
Graydon Galloway	U.S. Forest Service	208-983-4035	graydon.galloway@usda.gov	X
Jeff Handel	Nez Perce Tribe	208-621-4670	jeffh@nezperce.org	
Tim Dracopiller	Nez Perce Tribe	208-791-8823	timd@nezperce.org	
Busta McFeeley	PH-INCD		mbust@ph2.idaho.gov	
Bob West	Lewis County E.M.	208-553-1799	bwest@lewiscounty.ida.org	
BOB Magar	Grangeville Fire	208-567-1737	rmagar@grangeville.us	X

Zoom Attendance

Lorrie Pahl, Mitigation Planner, Idaho OEM	Brenda Tilley, City Clerk, city of Riggins	Tom McLeod, Fuels AFMO, USFS Red River Ranger District
Terry Cochran, Cottonwood Police Chief, city of Cottonwood		

A G E N D A	<p style="text-align: center;">Idaho County Update Project:</p> <p style="text-align: center;">Hazard Mitigation Plan & Community Wildfire Protection Plan</p> <p style="text-align: center;">Kickoff Meeting</p> <p style="text-align: center;">Thursday, April 1, 2021</p> <p style="text-align: center;">10:00 a.m. – 12:00 p.m.</p> <p style="text-align: center;">Super 8 Hotel Meeting Room</p> <p style="text-align: center;">801 W South 1st St, Grangeville, ID 83530</p> <p style="text-align: center;">(virtual option included)</p>	
10:00 a.m.	OPEN – Introductions	Jerry Zumalt and Sandi Paul
10:15 a.m.	<p>GROUP MEETING</p> <p>I. Overview</p> <ul style="list-style-type: none"> ▪ County Efforts To-Date ▪ Overview of Hazard Mitigation Plan Update ▪ Overview of Community Wildfire Protection Plan Update <p>II. Build the Planning Team</p> <ul style="list-style-type: none"> ▪ Planning Team <ul style="list-style-type: none"> ➢ Who’s missing? ➢ Planning team responsibilities <p>III. Developing Outreach Strategy</p> <ul style="list-style-type: none"> ▪ Stakeholders ▪ Public Involvement <p>IV. Meetings and Communications</p> <ul style="list-style-type: none"> ▪ Establish Primary Points of Contact ▪ Interacting with the Planning Team ▪ Meeting Format/Schedule <p>V. Exercises</p> <ul style="list-style-type: none"> ▪ Review Planning Philosophy and Goals ▪ Introduce Hazard Summary Worksheet <p>VI. Homework</p> <ul style="list-style-type: none"> ▪ GIS Data Request/Local Information Request ▪ Hazard Summary Worksheet <ul style="list-style-type: none"> ➢ Must be completed by all adopting jurisdictions 	Northwest Management, Inc. (NMI) and Group
12:00 p.m.	<u>ADJOURNMENT</u>	

Meeting #2: May 5, 2021

Idaho County CWPP / AHMP Meeting (Super 8- Grangeville, ID) Date: <u>May 5th, 2021</u>			
Name	Organization	E-Mail	Phone (208) -
Jerry Zumalt	Idaho County	izumalt@idahocounty.org	983-3074
Sandi Paul	Idaho County	spaul@idahocounty.org	983-3074
Ryan Bender	IOEM	rbender@imd.idaho.gov	208-258-6514
Bob West	L.C.Z.M.	bwest@luczm.org	208-553-1799
Tim Droegmiller	NPT Forestry/Fire	timdroegmiller@nezperce.org	291-8872
Tom McLeod	NCF- Red River	thomas.mcleod@usda.gov	208-842-2117
Graydon Galloway	NCF-Salmon River	graydon.galloway@usda.gov	208-983-4055
Brad Tucker	Northwest Mgmt	tucker@nmiz.com	208-245-1920
Mike Goodwin	SFD Stites	maddawg154@gmail.com	208-935-5810
Brian Perry	Grangeville Fire		208-507-0506
Jared Andrews	Grangeville Fire	Grangevillefire@gmail.com	208-507-0833
Steve Reff	Oxyc	Oxtervpark@gmail.com	208-842-9273
Terry Cochran	Cottonwood PD	cottonwoodpd.idaho@gmail.com	208-842-3231
Dave Schwartz	IDL	dschwartz@idl.idaho.gov	208-935-2141
Risto McFeely	PH-INCD	rmcfeely@phd2.idaho.gov	(208) 799-0393
Kevin P. Chaffee	IDL	kchaffee@idl.idaho.gov	208-935-2141
KEVIN BRUNELLA	PH-INCD	kbrunella@PHD2.IDAHO.GOV	208-799-0392

Zoom Attendance

Alfred Allman, Craig Mountain IDL	John Cantlon, Secesh Meadows	Kelly Martin, Warren Fire/Rescue
Joe Armstrong-Nelson, Harpster Fire		

A G E N D A	<p style="text-align: center;">Idaho County Update Project:</p> <p style="text-align: center;">Hazard Mitigation Plan & Community Wildfire Protection Plan</p> <p style="text-align: center;">Meeting #2</p> <p style="text-align: center;">Wednesday, May 5, 2021</p> <p style="text-align: center;">1:00 p.m. – 3:00 p.m.</p> <p style="text-align: center;">Super 8 Hotel Meeting Room</p> <p style="text-align: center;">801 W South 1st St, Grangeville, ID 83530</p> <p style="text-align: center;">(virtual option included)</p>	
1:00 p.m.	OPEN – Introductions	Jerry Zumalt and Sandi Paul
1:15 p.m.	<p>GROUP MEETING</p> <p>VII. Old Business</p> <ul style="list-style-type: none"> ▪ Review of the kickoff presentation ▪ Planning Team ▪ Planning Philosophy and Goals ▪ Hazard Summary Worksheet <p>VIII. Exercises</p> <ul style="list-style-type: none"> ▪ Local Knowledge Questionnaire ▪ Capabilities Assessment <p>IX. Discussion of Community Wildfire Protection Plan</p> <ul style="list-style-type: none"> ▪ Community Profiles <ul style="list-style-type: none"> i. Fire Resources and Field Assessments ▪ Wildland-Urban Interface <ul style="list-style-type: none"> ➤ Definition and map ✓ Mitigation Projects <ul style="list-style-type: none"> ➤ Criteria and examples <p>X. Public Outreach Strategy</p> <ul style="list-style-type: none"> ▪ Town-hall style meeting? ▪ Piggy-back on an existing event? ▪ Other ideas? <p>XI. The Next Steps</p> <ul style="list-style-type: none"> ▪ Complete assigned worksheets ▪ Schedule a CWPP-focused meeting ▪ Look for chapters 1 and 3 of HMP to review. ▪ Develop the public outreach strategy. 	Adam (NMI) and Group
3:00 p.m.	<u>ADJOURNMENT</u>	

Meeting #3: June 4, 2021

AHMP / CWPP Planning Meeting

(Super 8 Motel, Grangeville ID)

Date: June 4, 2021

Name	Organization	E-Mail	Phone (208) -
Jerry Zumalt	Idaho County	jzumalt@idahocounty.org	983-3074
Chandi Paul	Idaho County	SPaul@idahocounty.org	983-3074
Tom McLeod	Nez Perce. Clearwater N.F.	thomas.mcleod@usda.gov	451-5050 (208)
Clinton Riener	Cottonwood Fire Idaho Office	ClinTRiener@gmail.com	507-0461
Ryan Bender	Emergency Mngt.	r.bender@imcd.idaho.gov	258-6514
John Cantlan	Seese Fire Dpt	Johnineagle@gmail.com	208-501- 0590
Terry Cochran	CPD & City Rep	Cottonwoodpt.idaho@gmail.com	208-962- 5231
Risto McFeely	Public Health	rmcfeely@phd2.idaho.gov	
Adam Herrenbruck	Northwest Management	herrenbruck@nwi2.com	208 310-2822
Tyler Holfeltz	IDC	tholfeltz@idl.idaho.gov	208-666-8853
Patrick Hagen	Avista	patrick.hagen@avista.com	509 688-7002
Tim Drenth	NPT Forestry/Fire	timdenezperce.org	208 791-8872
Graydon Gallows	Nez Perce Clearwater N.F.	graydon.gallows@usda.gov	208- 493-4035
Mary Anderson	Nez Perce N.F.		
Dean Newfeldt	Public Health		
Brenda Tilly	Riggins City Clerk		
Arturo Gibson	American Red Cross		
Joe Armstrong - Nelson	Harpsfee Fire		

CWPP-Focused Meeting: June 29, 2021

Tues. June 29 CWPP mtg. 1000-1300		
Name	Agency - Dept	e-mail
Jerry Zumalt	Idaho County	jzumalt@idahocounty.org
Pauli Paul	" "	SPaul@idahocounty.org
Graydon Galloway	USFS, Salmon River	graydon.galloway@usda.gov
Mark Anderson	Hydrology	sanderson@idaho.gov
Mike Goodwin Stites		Maddawg154@gmail.com
Greg Darby	Cott. Fire	greg@empirelumber.com
Ryan Bender	IOEM	rbender@imd.idaho.gov
John Canton	Secesh	Johnineagle@gmail.com
Brad Tucker	NW MGMT	
Lorrie Pahl	IOEM	
Kelly Martin	Warren	
Dean Newfeld	Public Health	
Risto McFeeley	Public Health	
Adam Herrenbruck	NW MGMT INC.	
Bob West	Lewis County E.Mge.	

Adam Herrenbruck <herrenbruck@northwestmanagement.com>

Jun 4,
2021,
3:36 PM

to Alan, Amada, Andrew, Arden, Autumn, Barbara, Ben, Bill, Bob, Brad, Brian, Brian, Brian, Carrot, Christopher, Chuck, Clyde, Cottonwood, Cottonwood, Dan, Dave, Dave, Dean, Denis, Doug, ECVFD, Elroy, Ferdinand, Glenwood, Grangeville, Grangeville, Graydon, Greg, Greg, Irene, Jared, Jeff, Jeff, Jeff, Jerry, Jim, Jim, Joe, johnineagle, Kamiah, Kevin, Kooskia, Lewis, Lisa, Mark, Mark, Marty, Mike, Mike, Mike, Mike, Morgan, Pat, Patrick, Paul, Polly, Raff, ray, Ridgerunners, Riggins, Risto, Ryan, Sandi, SMH, Steve, Stites, Stites, Tara, Time, Tom, WBVFD, Whitebird, IDL, jmiller

Hello all,

We had a great discussion today on the Idaho County WUI, wildfire risk mapping, and wildfire mitigation projects. Thank you to those who could attend. I apologize to anyone who had trouble with the zoom option.

We decided to **meet again on Tuesday, June 29 @ 10:00 a.m.** in Grangeville at the Super 8. This will be another wildfire-focused meeting. We will discuss the WUI and wildfire risk mapping further but primarily we will discuss wildfire projects.

Wildfire projects fall into 4 categories:

- Mitigation - fuel buffers, thinning, fuels treatments, etc.
- Planning - studies, codes, plans, etc.
- Education - awareness campaigns, brochures, etc.
- Capacity - response capacity, PPE, equipment, facilities, etc.

Please use the example wildfire projects I have attached and review the criteria and components that go into a project. The examples are from Payette County and might give you some ideas. Then please do your best at developing some projects and plugging some info into the blank projects table. We will discuss projects further at the next meeting.

Also, look for some maps to review. These will be the WUI map and the Wildfire Risk Map. Hopefully we can approve those maps soon.

Let us know if you have questions or comments. Thank you.

--

Adam Herrenbruck

Northwest Management, Inc.

Meeting #4: September 29, 2021

Project: Idaho County CWMP AHMP		Date: 29 Sept	Location: Super 8 - Grangeville	
Name	Organization/Community	Phone	Email Address	Contact Me
J. Zumwalt	Id. County	983-3074	jzumwalt@idahocounty.org	
B. Stowell	Id. County	983-2748	bstowell@idahocounty.org	
Jennie Fischer	Nez Perce Clearwater NF	983-4048	jennie.fischer@usda.org	
Mark Anderson	Kootenai Ed	935-5202	anderson@semasnet.com	
Tom McLeod	NP-C	842-2117	thomas.mcleod@usda.gov	
Justin Pappani	Nez Perce-CW NF	451-5493	justin.pappani@usda.gov	
Chandi Paul	Id. County	983-3074	spaul@idahocounty.org	
Ryan Bender	IOEM	258-6514	rbender@ind.idaho.gov	
Kevin P. Chaffee	IDL	935-2141	kchaffee@idl.idaho.gov	
Dave Crousser	IDL	935-2141	dcrousser@idl.idaho.gov	
Greg Danyl	Cottonwood Fire	507-2275	greg@empirelumber.com	
Risto McFeely	Public Health	208-799-0393	rmcfeely@phd2.idaho.gov	
Meaghan McCoy	Public Health	208-799-0594	mrmccoy@phd2.idaho.gov	
Aaron Nouri-Zadeh	PUBLIC HEALTH	208-799-0792	anouri@phd2.IDAHO-GOV	
Blake West	L-C EM	208-531-7799	blwest@LewisCounty-ID.org	
Chad Shropshire	IDL	208-924-5571	cshropshire@idl.idaho.gov	
Jeff Handel	Nez Perce Tribe			
Ronnie Anderson	USFS			
Polly Smith	Lewis Co. ARES Idaho Co "			

Meeting #5: October 27, 2021

**Idaho County CWPP / AHMP
Meeting (Super 8- Grangeville, ID)
Date: October 27th, 2021 (1:00 p.m.)**

Name	Organization	E-Mail	Phone (208) -
Jerry Zumalt	Idaho County	jzumalt@idahocounty.org	983-3074
Sandi Paul	Idaho County	spaul@idahocounty.org	983-3074
Bob West	Lewis & Clark EM	bwest@lewisclarkcounty.idaho.gov	553-1799
Ryan Bender	IOEM	rbender@imd.idaho.gov	208-258-6514
DEAN NRUZILA	PH-INCA	deanprilo@PH02.IDAHO.GOV	208-799-0392
Mike Goodwin	Stites	Madbawg154@gmail.com	208-935-5810
Benjamin Howell	Idaho County	bstowell@idahocounty.org	208-935-8368
Graydon Galloway	USFS	graydongalloway@usda.gov	208-983-4035
Adam	NWIM INC.		
John Cantlon	Seces-H	on - Zoom	
Megan McCoy	Public Health	on - Zoom	

A G E N D A	<p align="center">Idaho County Update Project:</p> <p align="center">Hazard Mitigation Plan & Community Wildfire Protection Plan</p> <p align="center">Meeting #5</p> <p align="center">Wednesday, October 27, 2021</p> <p align="center">11:00 a.m. – 1:00 p.m.</p> <p align="center">Super 8 Hotel Meeting Room</p> <p align="center">801 W South 1st St, Grangeville, ID 83530</p> <p align="center">(virtual option included)</p>	
	<p>11:00 a.m. OPEN – Introductions/Housekeeping</p>	<p>Jerry Zumalt and Sandi Paul, and Adam</p>
<p>11:05 a.m.</p>	<p>GROUP MEETING</p> <p>I. CWPP</p> <ul style="list-style-type: none"> ▪ Any questions about CWPP projects? ▪ Discuss the final drafts of maps <ul style="list-style-type: none"> i. WUI ii. Wildfire Threat Hazard 	<p>Adam and Group</p>
<p>11:25 a.m.</p>	<p>II. Assignments for Adopting Jurisdictions</p> <ul style="list-style-type: none"> ▪ Hazard Summary Worksheet ▪ Local Knowledge Questionnaire ▪ Capability Assessment ▪ Feedback on Chapter 3 	
<p>11:45 a.m.</p>	<p>III. The Hazards</p> <ul style="list-style-type: none"> ▪ Flood <ul style="list-style-type: none"> i. Local event history, impacts, maps ▪ Earthquake <ul style="list-style-type: none"> i. Recent local events, any changes to impacts ▪ Landslide <ul style="list-style-type: none"> i. Past event photos and information, impact zones ▪ Severe Weather <ul style="list-style-type: none"> i. List of past events, any changes to impacts ▪ Wildland Fire <ul style="list-style-type: none"> i. 2021 fire season 	
<p>12:45 p.m.</p>	<p>IV. Mitigation Action Items</p> <ul style="list-style-type: none"> ▪ Review past projects and brainstorm new projects 	
<p>1:00 p.m.</p>	<p><u>ADJOURNMENT</u></p>	

Record of Public Involvement

Project Kickoff News Release

Media Release

From: Idaho County Disaster Management

Date: April 22, 2021

RE: Idaho County Hazard Mitigation Plan Update and Community Wildfire Protection Plan Update

Idaho County Initiates Project for Updating Hazard Plans

GRANGEVILLE, IDAHO – Idaho County began the process of updating its Hazard Mitigation Plan and Community Wildfire Protection Plan this month. The county hosted a “kickoff” meeting on April 1, at the Super 8 in Grangeville, to assemble the planning team assigned to work on these updates. The Hazard Mitigation Plan examines risks posed by natural hazards, including flood, earthquake, landslide, wildfire, and severe weather. The Community Wildfire Protection Plan takes a focused view of wildland fire. Both plans will also develop strategies to reduce the impacts from the respective hazards.

The planning team consists of representatives from a variety of local agencies, organizations, governments, and groups, who will meet regularly to complete the project. Northwest Management, Inc. has been retained by Idaho County to provide risk assessments, hazard mapping, research, and to collaborate with the planning team to update the plans. As part of the update process, the Community Wildfire Protection Plan will be incorporated into the wildfire section of the Hazard Mitigation Plan.

The Federal Emergency Management Agency (FEMA) requires counties to update the Hazard Mitigation Plan every five years to remain eligible for federal hazard funding. The incorporated cities in Idaho County are currently recognized as adopting jurisdictions in the plan and will also adopt this plan update. The Community Wildfire Protection Plan will be updated to meet state and federal requirements.

Community input will also play a key role throughout the planning process. Public meetings, reviews of the plans, and a public comment period will be announced in the future. The current version of the Idaho County Hazard Mitigation Plan can be accessed and viewed upon request. This update project is expected to be completed by April 2022.

Questions can be addressed to Idaho County Disaster Management at (208) 983-3074.

Appendix 3: Fire Services Information

BPC Volunteer Rural Fire Department

CONTACT INFORMATION

Chief: Dave Baldwin
Address: 174 Clearwater Main Street, Clearwater, ID 83552
Phone: 208-935-5056
Email: Djbaldwin610@gmail.com

DISTRICT SUMMARY

Battle Ridge, Pleasant Valley, and Clearwater (BPC) Volunteer Rural Fire Department is a community-based volunteer organization housed in a 32 by 40-foot building and is managed by a Board of Directors. BPC responds to structural and wildland fires. Currently, the incident capacity is one single family dwelling or two wildland fires less than ten acres, and the recovery requirements take approximately three hours.

Carrot Ridge Volunteer Fire Department

CONTACT INFORMATION

Chief: Andrew Puckett
Address: Kamiah, Idaho
Phone: 208-935-2267
Email: acpuckett@wildblue.net

DISTRICT SUMMARY

Carrot Ridge Volunteer Fire Department is a community-based volunteer organization managed by a Board of Directors and housed in two insulated sheds. Carrot Ridge responds to wildland fires and structural fires upon request. Currently the incident capacity is three incidents, and the recovery requirements take between one and two hours.

Cottonwood City Volunteer Fire Department and Rural Fire District

CONTACT INFORMATION

Chief: Greg Danly
Address: 1205 Lewiston Street, Cottonwood, ID 83522
Phone: 208-507-2275
Email: greg@empirelumber.com

DISTRICT SUMMARY

Cottonwood Volunteer Fire Department and Rural Fire District are based in the City of Cottonwood and are managed by the Fire Chief who reports to the City Council and the Rural District Board of Commissioners. Cottonwood responds to approximately 30 structural, wildland, and agricultural fires, as

well as rescue and vehicle extrication incidents per year. The incident capacity is two incidents, and the recovery requirement is from 15 minutes to 1 hour.

The Cottonwood City Department has Mutual Aid Agreements with the Cities of Grangeville and Ferdinand. The Rural Department has an agreement with Idaho Department of Lands.

Dixie Volunteer Fire Department

CONTACT INFORMATION

Chief: Steve Repp
Address: 2695 Dixie Road
Phone: (208) 842-9273
Email: dixiervpark@gmail.com

DISTRICT SUMMARY

The Dixie Volunteer Fire Department is a community-based volunteer organization and is managed by a Board of Directors. Dixie responds to structural and wildland fires. Currently the incident capacity is one incident and the recovery requirements to fill the tanker with water.

Elk City Volunteer Fire Department

CONTACT INFORMATION

Chief: Jeff Maxwell
Address: P.O. Box 311, Elk City, ID 83525
Phone: 208-842-2380
Email: fcjmaxwell01@gmail.com

DISTRICT SUMMARY

Elk City Volunteer Fire Department is responsible for structural and wildland fire protection for the City of Elk City. They also respond, when able, to fires in Orogrande, Red River Area, Junction Flats, Upper American River, and all surrounding areas. There is one fire station located at 101 Sweeny Hill Road, Elk City, Idaho (located in Elk City). This all-volunteer department with a total of 12 firefighters number one concern is structural fire protection, but due to the nature of our area the majority of our responses have been wildland fires in the grasslands or forested environments (with large stands of dead or dying trees, our job gets more difficult by the day.) We are capable of handling most types of fires including structural or wildland fires. We have a working agreement with the USDA Forest Service to help handle larger and more complex fires.

PRIORITY AREAS

Residential Growth - The Upper American River area has been experiencing significant residential growth, a large number of new residents being retirees. Many of these homes are constructed of improper building materials, and are located in "high risk" areas. The ability to defend this area will be difficult with one decent (but inadequate) road leading in and out. Many structures are located in among the dead and dying timber.

Communications - Communications in our area are much improved from prior years, but are still far from perfect. In certain areas, our county dispatch and other agencies are impossible to understand or contact. There is hope of a tower in the future to improve our communications, as the satellite and radio phone work sporadically, and cell phones do not work at all in our location.

Firefighting Vehicles - Due to very limited funding, the age and capabilities of the firefighting vehicles in our department have become a concern. In certain situations, the USDA Forest Service arrives with their equipment, but there is no guarantee. During the winter, they are not available, and in the summer, they can be committed to other fires.

Burn Permit Regulations - Weed and trash burning without fore thought and burning during the permit season have the potential to cause fires.

Glenwood-Caribel Volunteer Fire District

CONTACT INFORMATION

Chief: Chuck Kohagen
Address: P.O. Box 1451 Kamiah, Idaho 83536
Phone: 208-935-7985, 208-816-9729 cell
Email: strawbuilthomes@yahoo.com

DISTRICT SUMMARY

The Glenwood-Caribel Volunteer Fire District (GCVFD) was created in April of 2005 with the specific intent of providing fire protection to the residents of Glenwood, Caribel, and the surrounding areas, which had previously been unprotected. The Board of Directors is dedicated to the improvement of fire protection coverage through the acquisition and maintenance of adequate equipment, and the recruitment and training of sufficient personnel to ensure that this coverage continues.

The Glenwood-Caribel Volunteer Fire District provides both structural and wildland fire protection for approximately 42 square miles of timbered and grassland areas in the hills east of Kamiah. The topographical features of this area range from flat farmland to deep, difficult to access canyons. Large areas of cultivated farmland, thick-forested areas, and dense underbrush, with numerous homes dispersed throughout, provide a challenge to effective firefighting. State, National Forest, tribal and large areas of private lands add to the complexity of fire protection in the District.

The GCVFD is an active participant of the Idaho County Mutual Aid Agreement, which is a reciprocal agreement among all participating fire organizations within Idaho County. We have a Memorandums of Understanding with the Idaho Department of Lands.

PRIORITY AREAS

Fire Station Upgrades - Additions to the structure to house our apparatus and equipment adequately are part of our plans. A well, a septic system, a meeting/training room, and restrooms/shower facilities are also needed. We hope that this station house, when completed, would be used as a community center as well.

Firefighting Water Sources - There are currently eight to ten sites throughout the district that have been identified for "dry hydrant" locations, which will be implemented as funding for these projects becomes

available. There is not a hydrant system in the area, so the numerous ponds and reservoirs located throughout the district are our only source of water. A well to provide water at the Fire Station is needed.

Equipment Upgrades - Through grant funding and private donations, this rural fire department has built a small fire station, acquired a used pumper truck, as well as two 1,200-gallon tenders, a 2,500-gallon tender, and two brush trucks. We plan to upgrade our equipment as newer equipment and apparatus becomes available.

Residential Growth - Residential Growth is an immediate concern as we are getting a number of new homes in the area and many are located in “high risk” areas. The ability to defend this huge area with only limited access creates a level of difficulty for us. Our goal is to spread out our resources in order to have at least one vehicle and three firefighters in any given area. This obviously puts a strain on the resources we have available.

Burn Permit Regulations - Burn permits within the district are currently administered by the Idaho Department of Lands, Maggie Creek Supervisory District.

Mitigation - GCVFD has had a number of residents participate in the Wildfire Mitigation Plan sponsored by the Idaho County Disaster Management office. The district recently completed defensible space surveys of many of the residences of the area, and the information is being inputted into the RedZone program. Currently about 75% of the district has been surveyed, and additional surveys are in progress.

Grangeville City Fire Department and Rural Fire District

CONTACT INFORMATION

Chief: Brian Perry
Address: 225 W North Street Grangeville, Idaho 83530
Phone: (208)507-0506
Email: firechief@grangeville.us

DISTRICT SUMMARY

The Grangeville City/Rural Fire District is a city-based volunteer organization housed in a space rented from the City, and is managed by the Fire Chief, who reports to the Board of Fire Commissioners. Grangeville responds to structural, agricultural and wildland fires. Currently the incident capacity is two incidents, and the recovery requirements take between one-half to one hour.

Harpster Fire Protection District

CONTACT INFORMATION

Chief: Joe Armstrong-Nelson
Address: 154 Wagon Wheel Rd, Harpster, ID 83552
Phone: 208-983-0930
Email: Jorvik22@gmail.com

DISTRICT SUMMARY

The Harpster Fire Protection District (HFPD) was created by voter initiative in 2007, evolving from the previously established Harpster Volunteer Fire Department. It is the goal of the present Board of Commissioners to maintain and improve both equipment and personnel readiness.

HFPD provides firefighting support in an area of approximately twenty square miles comprising unique topographic features. The terrain in many locations is rugged, steep and difficult to access. Cultivated land and open pastures and stands of trees and dense underbrush surround many of the rural residences. The Clearwater / Nez Perce National Forest lands and dense stands of trees most often surround open fields and residential housing.

Burn permits within the district are currently administered through the Idaho Department of Lands, Maggie Creek Supervisory Unit. This system will undergo a computer assisted upgrade in 2013 which will allow residents to directly access the fire permit system and also allow fire departments direct access to that database.

The HFPD is currently a participant of the Idaho County Mutual Aid Agreement, which is a reciprocal agreement among all participating fire organizations within Idaho County. The district also maintains a Memorandum of Understanding with the Idaho Department of Lands for mutual aid with this agency.

The district has had several residents participate in the Wildfire Mitigation Plan sponsored by the Idaho County Disaster Management office. In addition to this effort, the district is actively gathering and inputting residential data for the RedZone program. Less than 10% of residences have been RedZone surveyed.

OUTLOOK

Future facilities improvements include the addition of an office/training room and the drilling of a well to provide water both for engine refill and on-site restrooms. Currently engine personnel draft water from the South Fork of the Clearwater River, as this is the only water available. The district is currently outfitted with a relatively complete set of engines and apparatus. As equipment and apparatus may become available, trading up to newer equipment will aggressively be pursued. There are a number of sites throughout the district, which lend themselves to the formation of "dry hydrants," which will be addressed as funding becomes available. This "dry hydrant" concept is one that would benefit the entire county.

Kamiah City and Rural Fire Protection District

CONTACT INFORMATION

Chief: Dan Musgrave
Address: 515 Main Street, Kamiah, Idaho 83536
Phone: (208) 935-5231 and (208) 935-0935
Email: kamiahfiredepartment@gmail.com or musgrave5@msn.com

DISTRICT SUMMARY

Kamiah Fire City and Rural Fire Protection District is a city based volunteer organization housed in one building and is managed by the City of Kamiah and the rural fire district commissioners. The district is approximately 25 square miles and has approximately 30 volunteer firefighters. Kamiah City and Rural

Fire Protection District responds to structural, agricultural and wildland fires. Currently the incident capability is two incidents and the recovery requirements take between three and four hours.

PRIORITY AREAS

Residential Growth

The Department is bordered by two different counties: (1) Lewis County – estimates suggest a two to four percent growth rate in the next five years; (2) Idaho County – estimates suggest a three to five percent growth rate in the next five years.

Communications

The Kamiah City and Rural Fire Protection District is presently in negotiation with three other counties for a joint Fire Channel Repeater solely for fire incident communications.

Burn Permit Regulations

Permits are negotiated by the EPA through the Nez Perce Tribal Office and the Department of Lands for the State of Idaho.

Effective Mitigation Strategies

The Kamiah City and Rural Fire Protection District has submitted a grant application to the Nez Perce Tribe for funds for the purchase of the Red Zone Program. Additionally, the Department is exploring opportunities and programs for fuel reduction in urban interface areas, and is seeking recommendations for subdivision placements and development

Education and Training

The Kamiah City and Rural Fire Protection District's education and training is ongoing to enable the Department to respond to all fire needs that occur locally and in our urban interface areas. The Department is constantly searching for grant opportunities to further the education and training goal.

Cooperative Agreements

Kamiah City and Rural Fire Protection District has mutual aid agreements with Idaho Department of Lands and with the City of Kamiah. The Department is in the process of committing to mutual aid agreements with fire departments in the surrounding area to strengthen the firefighting capabilities in our community and the neighboring areas.

FUTURE CONSIDERATIONS

- The Department will need to continue to update and replace our firefighting equipment to keep up with growing demands in our urban interface areas.
- The Department needs to continue to pursue our discussions and commitments to mutual aid agreements with all our neighboring community Fire Departments to ensure a successful response to a fire disaster in each community.
- The Department needs to expand its knowledge and training in regards to fuel reduction and firefighting tactics to better protect and serve our expected urban growth in the years to come.
- The Department needs to find new ways to recruit more volunteer members to better protect and serve the community.

- The Department needs the ability to secure grant funds or discover other programs willing to donate funds to further its education, training, and equipment needs.

In addition, the Department needs to provide additional training seminars centrally located in the area so volunteers can attend, participate, and gain the vital information and techniques needed to be an effective firefighter.

Kooskia Fire Department

CONTACT INFORMATION

Chief: Mark Anderson
Address: PO Box 126 or 401 Front Street, Kooskia, ID 83539
Phone: 208-935-5202
Email: anderson@camasnet.com

DISTRICT SUMMARY

The Kooskia Fire Department provides local fire protection (structural and initial wildland response), and primary response. The department also provides multi-hazard responses to many other types of emergencies. The Kooskia Fire Station is located at 4th and Front streets in Kooskia in a building with six bays housing seven apparatus. The building also contains business offices, training facilities, and limited quarters. The building is equipped with a backup generator, telephone, and high-speed Internet capabilities.

This department has mutual aid agreements with all other local departments through the Idaho County mutual aid pact. We also have an MOU with the Idaho Department of Lands.

Burn permits are handled through Idaho Department of Lands.

We are starting to experience a large amount of growth in our coverage area. Many of the people moving into the area are retirees. There is a significant increase in our urban wildland interface fire protection problem. We also have a large number of structures in our area that are poorly constructed and do not meet fire codes creating significant fire suppression problems. We are seeing a trend toward constructing new infrastructure related to tourism.

FUTURE GOALS

The Department is working toward strengthening its training program, increasing recruitment, and upgrading older equipment. The Department currently has a mix of apparatus that meet its needs well. The Department upgraded Engine 3 in 2006 with a 4x4 CAFS equipped brush truck. The Department needs to replace at least one of its structural engines due to its age and condition. The Department's newest structural engine is 30 years old and the oldest almost 50.

The Department has quite successfully implemented a monthly training program in cooperation with adjacent departments. The Department has also sent people to various fire academies. The Department's hope is to continue this trend along with recruiting more new firefighters.

Ridge Runner Fire Department

CONTACT INFORMATION

Chief: Jim Gribble
Address: PO Box 262 Kooskia, Idaho 83539
Phone: 208-935-8842
Email: ridgerunnerfire@gmail.com

DEPARTMENT SUMMARY

The Ridge Runner Fire Department (RRFD) was created in 1983 by a group of local citizens concerned about the increasing danger of wildland fires. It was the original intent of the citizens to equip them to suppress wildland fires in cooperation with other local agencies. Over time the need to fight wildland fire has remained, however the need to fight structural fires has increased. In response to the population quadrupling since the inception of the RRFD, the department is actively acquiring additional apparatus, equipment, training, and a centralized fire station. The additional homes being built in the wildland interface has proved to be a challenge and the department is encouraging the residents to take an active role to mitigate the fire danger to themselves and the community. The goals of the present Board of Directors is to improve safety, equipment, training, and reduce the fire district's insurance rating from a "10" to an "8".

RRFD provides firefighting and motor vehicle crash support to an area of diverse topographical features. The terrain in many locations is rugged and difficult to access with a vertical elevation difference of 1200 feet from one end of the district to the other. The 43 square mile fire district encompasses four square miles of the Nez Perce Reservation, borders the Wild and Scenic River corridor of the Clearwater River and the Nez Perce National Forest. The fuels commonly found include cultivated land, open pastures, heavily wooded drainages, and dense underbrush. The fire district has 250 residences with approximately 750 residents living on one-way in/out roads. Available water for suppression has proven difficult due to the lack of hydrants and access to surface water.

Future facilities include the construction of a centralized fire station with six bays to house our equipment that now remains outside and drained for the winter months. The building would also contain an office, training room and sufficient storage for tools and equipment. The three-acre parcel for the station also needs a drilled well to provide water for underground water storage and on site restrooms. The district is currently outfitted with a variety of engines and apparatus; however, as funds become available the department will actively replace the aging engines to provide for safety and reliability. There are a number of sites throughout the district that lend themselves to the installation of "dry hydrants"; however funding and formal easements have not been secured.

Burn permits within the district are currently administered through the Idaho Department of Lands.

The RRFD is currently a participant of the Idaho County Mutual Aid Agreement, which is a reciprocal agreement amongst all participating fire organizations within Idaho County. The district also maintains a Memorandum of Understanding with the Idaho Department of Lands and Kooskia FD for mutual aid.

The district has had a number of residents participate in the Wildfire Mitigation Plan sponsored by the Idaho County Disaster Management office. In addition to this effort, the district is currently active in the gathering and input of residential data for the RedZone program. Less than 10% of the residences have been RedZone surveyed.

Riggins City Fire Department

CONTACT INFORMATION

Chief: Jeff Joyce
Address: PO Box 249, Riggins Id. 83549
Phone: 208-628-2775
Email: fdjoyce@hotmail.com

DEPARTMENT SUMMARY

Riggins City Volunteer Fire Department has the privilege of protecting the city's residences. The Fire Department has ten-mile mutual aid agreement with the Salmon River Rural Fire Department when residences are involved. We also have a mutual aid agreement with the Idaho Department of Lands and the USDI Bureau of Land Management.

Response times within the city are between five to seven minutes, and outside the City they are between 10 to 25 minutes depending on the fire's location. Usually, the City Fire Department arrives prior to the Rural Fire Departments to incidents.

The firehouse is relatively new and houses two fire trucks and the cities two ambulances.

Riggins is a small rural community. Its population is approximately 410. The city itself is long and narrow and is situated about 60 feet above the Big Salmon River. There are few vacant lots for building. Consequently, people split their property and sell off a portion for a new residence. The trend now is to go up, rather than out and we are seeing more two-storied buildings begin to appear.

Riggins population tends to be of retirement age. Homes are in close proximity to each other, and there are many trees around homes. We have two schools at separate locations and several motels.

INFRASTRUCTURE

The City has two wells and a large storage tank above the high school. We are well supplied with water, many hydrants that make firefighting in the City easier.

Idaho County Light and Power supplies power to Riggins via above ground wires on poles. This northern end finishes somewhere near Time Zone Bridge. There are three major branches to these lines, each in valleys off Highway 95.

1. **Rapid River Road:** Four miles south of Riggins. This a community of homes and lots for sale. They have their own wells, and sewage systems. There is also farmland for sale in bigger lots. Eventually, these too will likely be divided and built on. The power line continues on to the fish hatchery and up Shingle Creek.
2. **Squaw Creek:** Much of this area is prior ranch land split up for building lots. Each lot has its own water supply (well or spring). The line goes on to Papoose Creek, where there are several homes surrounded by timber. Papoose Creek is quite steep, and certain firefighting equipment has difficulty getting up the grade (about 10%).
3. **Race Creek:** Much of this area is prior ranch land split up for building lots. The power line goes to the confluence of Race Creek and Bean Creek, continues up Bean Creek underground, to Bader's property on Whiskey Butte and on up to Cold Springs.

The good news is these creeks run all year round, so water is available for fighting fires. In the winter, Squaw Creek Road can be a challenge. Steep hills and lack of sunshine on the creek and valley floors cause ice to remain in shaded areas.

NEEDS

As with all departments, we have a need for a new truck. Because we are a small rural city with low call volume, it is hard to keep the firefighters enthused and the attrition rate is high. We need recruitment and retaining methods, possibly including a small remuneration for their effort.

Training is an additional need. We train once a month, but it does not seem to be enough. State funding for training as well as State level training is getting harder to acquire. We try to alternate hands on with classroom. Our people are encouraged to go to fire training schools whenever they can. Volunteers still have to make a living and take care of their families as well.

The community needs to be Fire Wise, so education of the public is especially important. We cannot change the way homes are built close together, but we can educate them about their wood piles, trees, etc.

FUTURE CONSIDERATIONS

Our continued needs are people, training, effective communications, and live fire practices.

Salmon River Rural Fire Department

CONTACT INFORMATION

Chief: Alan Yearsley
Address: P.O. Box 283, Pollock, Idaho 83547
Phone: 208-628-4228
Email: allan@ourfactor.com

DISTRICT SUMMARY

Salmon River Rural Fire Department is a subscription organization. It was started in 1980 to protect the structures outside the city limits of Riggins and White Bird, Idaho from fire, covering the area from White Bird pass, along the U.S. Highway 95 corridor into Adams County to the Smokey Boulder Road. Our district is approximately sixty miles long and ten miles wide. There are six stations along this strip of highway. Station 6 is behind Hoots Restaurant, Station 5 is behind Slate Creek Ranger Station, Station 4 is at the Lucile turnoff, Station 3 is at the west end of the Rapid River Subdivision, Station 2 is at the Whitewater Wilderness Ranch, and Station 1 is at Pinehurst in Adams County. We are an all-volunteer department with a total of thirty-one members. Our primary area of concern is structural fire protection, but due to the nature of our district, we can and have been called out to wildland fires, car fires, hazardous material incidents, or any emergency that may occur. We have mutual aid agreements with the City of Riggins and the City of White Bird. We also have mutual aid agreements with the Nez Perce and Payette National Forests, Idaho Department of Lands, and the USDI Bureau of Land Management to handle wildfires.

PRIORITY AREAS

Communication

Communication capabilities in our district are barely adequate. Topographical features within the district make radio communications with County Dispatch and other agencies difficult or impossible in several areas. The Salmon River Rural Fire Department now has ten P-25 compliant radios installed in our apparatus. We need eight more to complete all our apparatus. We need forty-six P-25 compliant portables for our personnel.

Firefighting Vehicles

Due to the age of our vehicles ranging from 1966 through 1997 and to the limited funding, we have great concerns for the safety of our firefighters and the citizens in our district. We will continue to upgrade our equipment until they meet NFPA and IDL standards.

Training

Our department continues to emphasize the importance of training to our firefighters. We have firefighters certified with red cards for wildland fires, Hazmat awareness and operations, EMS first responders, National Incident Management System, and other operational training.

Personal Protective Equipment

Our firefighters have been using hand-me-down protective clothing and equipment from other departments for a long time. In 2004, we received a government grant and were able to begin outfitting our personnel with ten new sets of turnouts. We also received ten new SCBA. We will continue to upgrade until all thirty-one of our firefighters has new turnouts.

FUTURE CONSIDERATIONS

The Salmon River Rural Fire Department will continue to upgrade firefighter's personal protective equipment until all members are outfitted. Upgrading our firefighting apparatus to meet NFPA standards will be a high priority. Lowering the insurance rating from a nine to an eight by having four thousand gallons of water available to respond from each station is high on the list. We will continue to train our personnel in all aspects of the fire service. Purchasing radios that comply with today's standards is high on the list. Salmon River Rural Fire Stations 1 and 4 need to be replaced. Station 1 was built fifteen feet over the property line. The owner does not want the station expanded to meet Idaho Survey and Rating requirements, or to house the water tender in a third bay, or add a bathroom facility. Station 4 is an old two-door garage wood structure. It also has no bathroom facility. Stations 6 and 2 needs a third bay so all the apparatus fit into stations. Station 5 needs a third bay and a bathroom. All of our fire apparatus needs newer equipment to meet the NFPA and IDL standards. This will be hard to accomplish because the Salmon River Rural Fire Department has a small annual budget.

Secesh Meadows Volunteer Fire Department

CONTACT INFORMATION

Chief: Barry Allen Sears
Address: 295 Quincy St., Brooklyn, NY 11216
Phone: 917-207-3111
Email: Basears200@yahoo.com

Department Summary

Secesh Meadows Volunteer Fire Department is a member/subscription, non-taxing, non-structure fire and first aid only organization serving the Secesh Meadows and Burgdorf communities. We are located 35 miles north of McCall Idaho (our nearest municipality) via Warren Wagon Road.

The Secesh Meadows Volunteer Fire Department building and basic first aid supplies, fire extinguishers, and fire equipment are available to member/local volunteers who are contacted directly, via phone trees, or via 911 call down through local phones or mobile radios. We do not have training/equipment to attempt structure fires.

Burgdorf is composed of a series of rental cabins surround a natural hot spring. It is about eight miles to the west of Secesh Meadows and typically has on-site managers. They possess pump/hoses and a small firetruck/tank system.

Warren is a community eleven miles to the east of Secesh Meadows and manages their own area. Although relationships exist with these neighbors, they are not members of our fire group, nor does any written agreement exist.

The Payette National Forest surrounds all these communities and periodically staffs guard stations at Burgdorf, Warren, and the War Eagle lookout.

Communication

Local land lines with the 636 prefix are available, but many properties are phoneless and cell phone service is available only via Wi-Fi. A call-down list of volunteers was provided to Valley and Idaho County 911 dispatch, key volunteers, and neighbors and 8 relay tower radios are available/assigned. A single 911 , 24/7 911/emergency phone is available to the public on Warren Wagon Road in front of the Secesh Meadows Volunteer Fire Department building. Most visitors are unaware of this emergency phone, as recently demonstrated.

The meadow is about one-half mile wide and five miles long. The Stagestop bar/restaurant is the only local business. It is typically open year-round but may not have staff housed at that site after hours. A security camera on their building is monitored, but employee travel time back to the building may be delayed. There, signage, and lighting advise those seeking help to use the 911 phone at the wooden phone booth in front of the local firehouse or look for a cabin with lights/smoke and ask for help. A phone was installed in the firehouse for use by anyone needing to retrieve supplies/call out to 911 or 636/local landlines. Back boards, a winter sled, and supplies are available at both the firehouse and the Stagestop.

Residential Growth & Rapid Tourist Growth Impact to Safety and Fire Protection

Ownership changes and new cabins on our roughly 200 parcels have increased the population of the area (including campgrounds), but reckless and incapacitated operation of snowmobiles, UTVs, and motor vehicles comprise the bulk of impact for assistance by our volunteers and neighbors. On holiday weekends, we estimate over 1,000 in the general area. Volunteers have been drawn into increasingly severe/mortal injury events. There is essentially no law enforcement presence or familiarity with our area,

other than attendance at the annual meeting. Coordination with Grangeville-based services is prohibited by the 2.5 hour driving time between us.

Burn Permits

These are issued by the Payette National Forest Service.

Equipment

We maintain an aging one-ton engine and recently received a federally excessed truck/tank. Five small trailers with pumps, siphoned lines, hose lines as well other firefighting equipment are available to the community. Memberships, donations, and auctions provide the means to maintain this equipment.

Hazardous Fuels Reduction

It is estimated that the biggest threat of fire would likely come from the southwest where we have no available water or fuel reduction. In addition, the heavily treed/high risk of fire cemetery property in the middle of our community is under the control/responsibility of the Grangeville Cemetery group and county commissioners.

Education and Training

Only a few residents/volunteers have any experience with firefighting, equipment, or laying lines. Property owners are trained at the annual meeting or when asked. Professional training is being sought for on-line classes as most property owners are very parttime and miss training meetings, elderly, or not interested. We are seeking assessment/assistance/training from the state fire marshal, Payette National Forest, Idaho County, and Davis Communication, and SITPA.

Stites Volunteer Fire Department

CONTACT INFORMATION

Chief: Mike Goodwin
Address: PO Box 300 or 213 Main Street, Stites, Idaho 83552
Phone: (208) 926-7121
Email: stitesct@q.com

DISTRICT SUMMARY

The Stites Volunteer Fire Department provides fire protection and primary emergency response within the Stites City limits. The Department also has a mutual aid agreement with the City of Kooskia and an MOU with the Idaho Department of Lands. The department is also a signatory of the Idaho County Mutual Aid Agreement. The Department trains with and works closely with the Kooskia Fire Department. The fire station is a single bay located in the Stites Municipal Building at 213 Main St.

Burning permits are issued through the Idaho Department of Lands.

We have a large number of structures in the community that are poorly constructed and do not meet current fire codes. These can present significant hazards and challenges during fire suppression activities. Additionally, we have a large elderly population and many of our citizens are low income.

FUTURE GOALS

We are working in cooperation with the Kooskia Fire Department on our training program. We are also trying to increase recruitment and upgrade older equipment. Our Engine 1 is almost 35 years old and is developing leaks and mechanical problems. We have seen much improvement in the last few years including upgrading our equipment to include phone and wildland capability. We hope to continue this trend in the future.

White Bird City and Rural Fire Department

CONTACT INFORMATION

Chief: Bryan Lowe
Address: P.O. Box 74 or 212 River Street, White Bird, Idaho 83554
Phone: City Hall: 208-839-2294
Email: whitebirdcity@outlook.com

DISTRICT SUMMARY

The White Bird Volunteer Fire Department was established to protect the city of White Bird and the surrounding rural area that has an impact on the city. The fire department is made up of all volunteer firefighters from inside and outside the city.

The White Bird Volunteer Fire Department is responsible for structural fire protection in the City of White Bird. We also jointly protect Highway 95 and the White Bird Grade to the Nez Perce National Forest boundary with Salmon River Rural Fire Department. We have a mutual aid agreement with the Salmon River Rural Fire Department to provide coverage in Deer Creek, Hammer Creek, Slate Creek, and the Twin Rivers Subdivision areas. The White Bird City and Rural Fire Department participates in the Idaho County Mutual Aid Agreement, and we have separate mutual aid agreements with the Idaho Department of Lands, the Salmon River Rural Fire Department, and the Idaho Department of Transportation for fire suppression and closed space rescue.

Our fire department provides fire support for the National Park Service, the Idaho Department of Lands, and the Nez Perce National Forest in an area of unique topographic features. The terrain in all of our locations is rugged and difficult to access. We are surrounded by a National Forest and State forestland on which we provide initial attack services.

We have built a four-bay fire station, insulated with a concrete floor.

The Idaho Department of Lands Craig Mountain currently administer burn permits within the district.

The district has many families that have participated in the Wildfire Mitigation Plan sponsored by the Idaho County Disaster Management Office.

The White Bird City and Rural Fire Department is also trying to update its engines and other equipment that will benefit the department's fire suppression duties.

PRIORITY AREAS

Residential Growth

We are seeing a rapid growth of homes in our wildland urban interface area, and we are concerned because the Idaho Department of Lands classifies this area as a high risk area for wildland fires. The fastest growing area that the department protects is the Twin River Subdivision and the new subdivision south of the White Bird Rodeo Grounds on River Bend Road. We have multimillion-dollar homes and several hundred-thousand-dollar homes being built in heavily timbered draws on the mountainside. Another problem that faces the district is that the roads are not always built to handle the weight of a fire engine.

Communications

At this time, we have non-compliant P25 radios in our engines and for our firefighters. We need to update our communication equipment.

Burn Permit Regulations

Permits are required in the City of White Bird and the surrounding areas. The permits can be obtained from the Idaho Department of Lands Office in Craigmont. The permits are required from May 10th through October 20th.

Effective Mitigation Strategies

We are working with the Salmon River Ranger District of the Nez Perce National Forest and the Idaho Department of Lands to help the homeowners in our area with home inspections for wildland fire defensible spacing.

Education and Training

The White Bird Fire Department has an ongoing educational program for its firefighters. All our firefighters have passed the Idaho Firefighter I class, and we train four hours every month at the fire station. We also are developing a public education program for the community.

Future Considerations

The White Bird City and Rural Fire Department needs to modernize and equip its structure and wildland engines and equipment to meet State and Federal requirements. The White Bird Fire Department needs to update its hand held and mobile radios to stay current with the County dispatch system.

Idaho Department of Lands – Craig Mountain Area

CONTACT INFORMATION:

Fire Warden: Jeremiah Miller
Address: Craig Mtn. FPD, PO Box 68, Craigmont, ID 83523
Phone: 208 924-5571
Email: jmillar@idl.idaho.gov

DISTRICT SUMMARY

The Craig Mtn. Fire Protection District (FPD) provides wildland fire protection for all federal, state, tribal, and private ownerships within the protection boundary. This includes lands within Idaho, Lewis, and Nez Perce Counties.

The IDL fire organization consists of a Fire Warden, two Assistant Fire Wardens and 15 seasonal fire crew personnel. There are 2 Type 6 and 1 Type 5 Engines based in Craigmont and 2 Type 7 UTV's staged at spike camps during the fire season. The Hellsgate Helitack crew is also based in Craigmont with a Type 3 helicopter and a 6-person IA module. The district typically responds to approximately 30 wildland fires each year and provides assistance to surrounding IDL, BLM, Forest Service, Nez Perce Tribe, CPTPA, and county districts within the Grangeville Interagency Dispatch Center (GVC) zone. The Craigmont office also provides members for 3 Northern Rockies Type 2 Incident Management Teams (IMTs). Fire and timber personnel from the office are also assigned to Wildfire and All-Risk incidents throughout the nation annually.

Although the Craig Mtn. Supervisory Area (CMS) was recently absorbed by the Maggie Creek Supervisory Area (MCS), the Fire Protection District remains a separate entity.

All IDL and USFS initial attack resources are dispatched through the Grangeville Interagency Dispatch Center by radio, with a follow-up text message.

ISSUES OF CONCERN:

Residential Growth

As with many areas in the rural west, new residential construction in the WUI is occurring. This is of particular concern in the steep river breaks areas with fuel components that result in high intensity fires with high spread rates. Roads are typically un-surfaced and narrow with limited turnarounds. Structures have been lost due to wildfire the last two fire seasons.

Communications

Radio and cell phone service provides fairly good coverage throughout the district, with the exception of some areas in the Clearwater, Salmon, and Snake River canyons. The FPD has a portable repeater that can be set up in the event of Type 3 and above incidents. Protocols have been established with cooperating agencies the use the IDL DIR2 and Air-to-Ground frequencies during initial attack on the district.

Burn Permit Regulations

The IDL presently administers an online statewide burn permit system. The local Fire Warden exercises authorities within Idaho Code to regulate burning within their respective Districts during the Idaho closed fire season dates of May 10 through October 20.

Other

Due to the remoteness and limited access to some areas along the Salmon and Snake River corridors, rapid response by aviation resources is critical in successfully containing wildfire during initial attack. Rotor wing aircraft are also essential during medical situations in these areas as well. The use of jet boats is also necessary in incident operations along the rivers.

The district maintains 2 remote camps. Taylor Camp in the Craig Mtn. area and Joseph Plains.

COOPERATIVE AGREEMENTS:

The Craig Mtn. Area currently maintains cooperative agreements with the following Rural Fire Departments: Big Canyon, Cottonwood, Grangeville, Salmon River, White Bird, and Winchester. The IDL is also party to a Local Operating Plan between the Nez Perce and Clearwater National Forests, Bureau of Indian Affairs- Nez Perce Tribe, and the Bureau of Land Management.

The CMS FPD is a member of the Tri-Region Group which includes the Nez Perce, Payette, And Wallowa Whitman National Forests and the BLM. This group meets annually, and coordinate on wildfire operations in the Salmon and Snake River corridors.

The Craigmont office also works closely with county representatives on Hazardous Fuels Management projects within the FPD boundaries.

DISTRICT NEEDS/WISH LIST:

The district plans to continue integrating emerging technologies that aid incident management operations. These include the use of smart phones and note pads with mapping and navigation applications, geo-referenced photo and video capabilities, and pre-loaded ICS forms and reference materials such as IRPG's, Incident Organizers, and Fireline Handbooks. These devices, along with remote wi-fi hubs with cloud capabilities and signal boosters, can enhance communications and information sharing between line and aviation resources and ICP's and other command centers, dispatch centers, and district offices. An OODA Pak satellite phone link would be nice but cost prohibitive.

The district also plans to continue to provide training and development of district personnel in all ICS functions, as well as in leadership and medical training. We would like to get all our fire personnel into the MCS leadership series of classes (L-380, L-381, & L-480).

Idaho Department of Lands -- Maggie Creek FPD

CONTACT INFORMATION

Contact: Kevin Chaffee, Fire Warden
Address: Maggie Creek Area, 913 3rd Street, Kamiah, ID 83536
Phone: (208) 935-2141
Email: kchaffee@idl.idaho.gov

DISTRICT SUMMARY

The Maggie Creek Fire Protection District provides wildland fire protection for all federal, state, tribal, and private ownership within the protection boundary. This includes lands within Idaho County, Lewis County and Clearwater County.

The IDL fire organization consists of a Fire Warden, two Assistant Fire Wardens and seasonal staffing for 2-3 Type 5 Engines, based in Kamiah, ID. The District typically responds to approximately 20 wildland incidents each year and at least that many RFD assistance responses. The District relies heavily on initial attack resources from the adjoining Craig Mtn. IDL District, the Clearwater Potlatch Timber Protection Association, Clearwater and Nez Perce NF and several Rural Fire Departments within the District. Interagency single-engine airtankers, helicopters and fixed-wing detection aircraft are available at the Grangeville Air Center and an IDL Type 3 helicopter presently based in Craigmont.

All IDL and USFS initial attack resources are dispatched through the Grangeville Interagency Dispatch Center by radio, with a follow-up text message.

ISSUES OF CONCERN:

Residential Growth As with many areas in the rural west, new residential construction in the WUI is occurring. This is of particular concern in the steep river breaks areas with fuel components that result in

high intensity fires with high spread rates. Roads are typically un-surfaced and narrow with limited turnarounds.

Communications Radio and cell phone service provides fairly good coverage throughout the District, with the exception of many blind spots in the river canyons.

Burn Permit Regulations The IDL presently administers an online statewide burn permit system. The local Fire Warden exercises authorities within Idaho Code to regulate burning within their respective Districts during the Idaho closed fire season dates of May 10 through October 20.

COOPERATIVE AGREEMENTS:

The Maggie Creek Area currently maintains cooperative agreements with the following Rural Fire Departments: Ridge Runner, Stites, Elk City, Harpster, Glenwood, Orofino, Nez Perce, Kooskia, Kamiah, Grangeville, Dixie, Cottonwood, Carrot Ridge, BPC- (Battle Ridge, Pleasant Valley, Clearwater), and Big Canyon. The IDL is also party to a Local Operating Plan between the Nez Perce and Clearwater NF's, Bureau of Indian Affairs- Nez Perce Tribe, and the Bureau of Land Management.

DISTRICT NEEDS/WISH LIST:

In conjunction with other agencies, explore new technology to improve temporary emergency communications needs within the river corridors where most of the WUI exists. Possible solutions are mobile repeaters, aircraft based cellular hotspots, etc.

USDA Forest Service – Payette National Forest

CONTACT INFORMATION

Contact: Dave Vining
Address: 800 West Lakeside Avenue, McCall, Idaho 83638
Phone: (208) 634-0700
Email: dave.vining@usda.gov

Payette National Forest -- New Meadows District Ranger Office

CONTACT INFORMATION

Contact: Brian Bush, Assist District Fire Management Officer
Address: PO Box J or 3674 Highway 95, New Meadows, Idaho 83654
Phone: (208) 347-0300
Email: brian.bush@usda.gov

DISTRICT SUMMARY

The New Meadows Ranger District protection responsibilities include 285,839 acres of Forest Service system land and about 80,000 acres of non- Forest Service system land (USDI Bureau of Land Management, State of Idaho, private). The area covered starts at the Salmon River at French Creek south to State Highway 55, west to US Highway 95 to Fruitvale, north to the boundary with the Nez Perce National Forest, and east to French Creek. The fire personnel are available seven days a week during the period of July 1 through October 15 annually, operating at other times as available and required.

COOPERATIVE AGREEMENTS

Mutual aid agreements are in place with the Salmon River Rural Fire Department (responsible agency for structure protection in non-Forest Service wildland jurisdiction) and Southern Idaho Timber Protective Association (responsible agency for wildland fire on certain Forest Service system land).

TOP RESOURCE PRIORITIES

Consistent funding and less cumbersome processes to make resource management decisions.

RESOURCES MOST AT RISK OF LOSS FROM WILDLAND FIRE

Homes, other improvements, and several power lines.

HIGHEST RISK “PROBLEM AREA”

Homes and other improvements upslope and downwind from a major transportation corridor susceptible to random ignitions from a variety of potential sources.

OPERATIONAL CHALLENGES

Our largest operational challenge is our ability to retain adequate suppression resources when budgets vary dramatically from year to year. Secondly, the challenges the Forest Service faces in planning, funding, and implementing hazardous fuels reduction projects while trying to gain public support.

USDA Forest Service – Clearwater Nez Perce National Forest

CONTACT INFORMATION

Contact: Grangeville Interagency Dispatch
Address: 104 Airport Road, Grangeville, ID 83530
Phone: 208-983-6800 (24-hour phone line)
Email: idgvc@firenet.gov

USDI-Bureau of Land Management-Cottonwood Field Office

CONTACT INFORMATION

Contact: Cottonwood Field Office
Address: 1 Butte Drive, Cottonwood, ID 83522
Phone: (208) 962-3245
Email:

District Summary

This section describes the resource capabilities of the USDI Bureau of Land Management, Cottonwood Field Office, Coeur d’Alene District. The BLM does not have fire suppression responsibilities in the Cottonwood Field Office management area. Through the statewide offset agreement, fire suppression on BLM system land in northern Idaho is handled by the Forest Service and Idaho Department of Lands. The Cottonwood Field Office does have firefighting resource capabilities due to the fuels management prescribed fire program.