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Forward

The BLM, (Bureau of Land Management), Meridian School District, Citizens of Silver City Idaho, and Fire- Up, (Field Inquiry Research Experience), have been conducting home assessments and fuel studies around Silver City this June of 2005. To help them with their work, FIRE- Up has been using new computer software called RedZone; this software is designed to be used on PDA's (Personal Digital Assistant's) to collect information about structures, Water Sources, and other important fire related features. Using PDA's instead of hard copy surveys enables researchers to get rapid field data in less amount of time. Using RedZone helped FIRE-Up assess the Wild land Urban Interface in Silver City.

What is the Wild land Urban Interface? They are areas that exist wherever residential, industrial, or agricultural structures are located within or adjacent to

trees or other combustible vegetation on public lands.

The students will use the data that is collected to create a report and in return will supply the home owners of Silver City with an individual hazard-risk assessment of their property. An individual evaluation usually takes less than a half hour and covers specific dangers to homes, fire resistant vegetation, fire resistant building materials, and the defensible space concept.

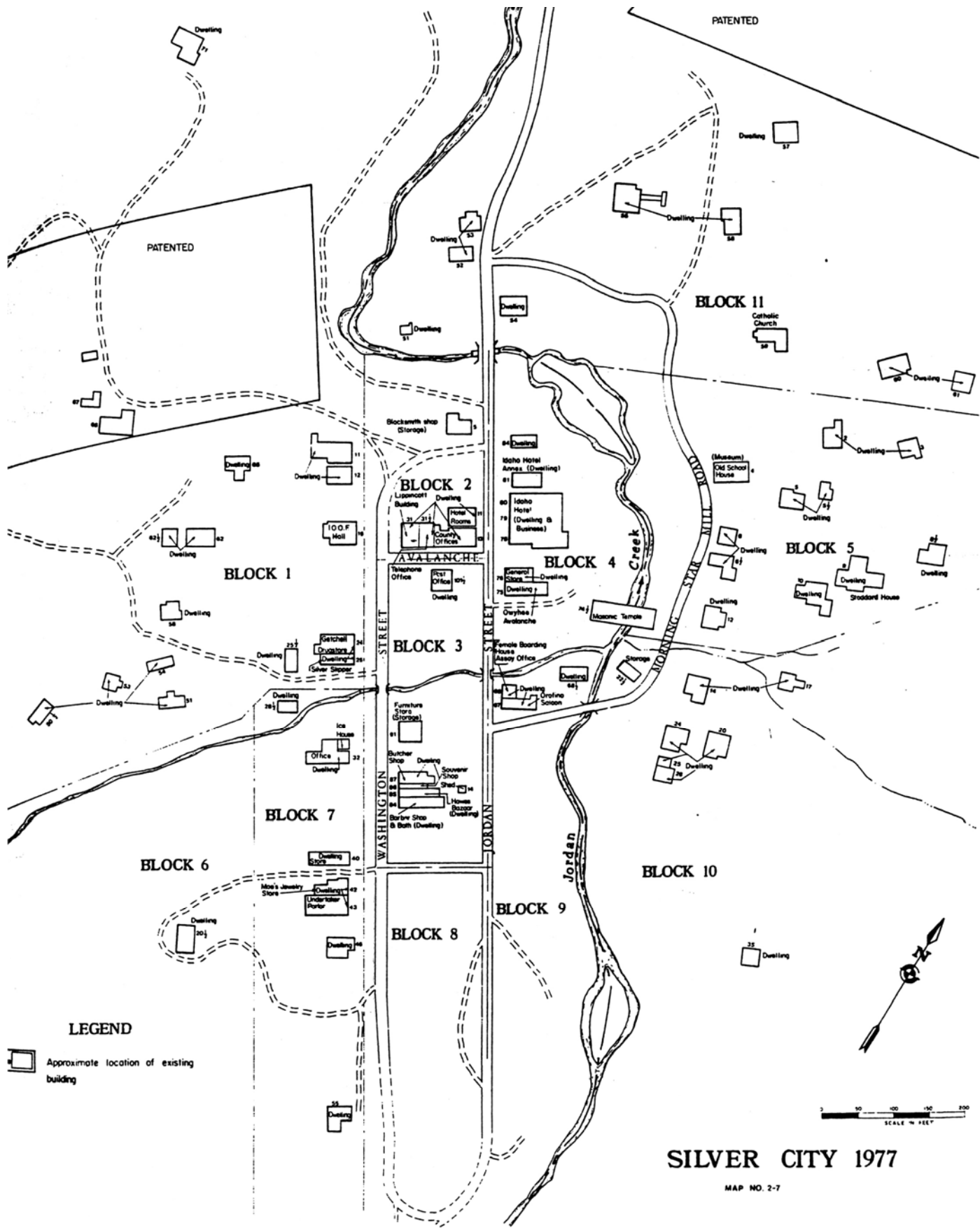
The defensible space concept encourages creating an area near the home with low-density vegetation. This space has been proven to be a key factor in determining whether a home will survive a nearby wildfire.

The students candid surveys suggest to the home owner ways to improve the survival rate incase of a wildfire.

Editor's note

This all was made possible with the help of Bureau of Land Management, North West Nazarene University, the Meridian School District, the wonderful Teachers and student participants of Mountain View and Eagle High School, and the great citizens of Silver City, Idaho. Also a special thanks to Bob Beckwith, Tobey Jossis, Gina Lockwood, and Steve DeMers for help making this a very eventful program, and giving us students a taste of “wild outdoor fun.”

By William Oberst



SILVER CITY 1977

MAP NO. 2-7

**2005 FIRE-UP
FOR SUMMER CLASS
"SILVER CITY"**

Teaching Team Biographies

Robert E. Beckwith started his career in Nampa High School. He taught Biology, Ecology, and Photography for eight years. While there he was advisor to the Nampa High Science Club. The club took winter trips to Silver City. Students and Advisors would ski or hike, depending on snow conditions into the City. Ed Jagles was the proprietor of the Idaho Hotel. Ed would allow students to cook their meals in the Hotel and \$3.00 rented a room without heat with a bed to put a sleeping bag on.

Robert has taught in Cambridge and for the Meridian school district. He has been awarded the Outstanding Biology Teacher, Presidential Award for Excellence in Science and Mathematics Education and Idaho Environmental Educator of the Year. His intense passion for the out of doors has led many expeditions with students and teachers. He is a licensed Lead White Water Guide on the Main Salmon River and the Middle Fork of the Salmon River.

Robert has just completed 33 years in the classroom. It is and has been projects like the Field Inquiry Research Experience that has kept him “Fire-Up for educations and students.

Gina Lockwood started her career teaching at Centennial High School. She taught A.P. Biology, Honors Biology, Biology, Ecology, and Botany. A favorite expedition with students was to the Olympic Peninsula and Oregon Coast.

Prior to being an educator Gina worked with New Mexico Fish and Game as a wildlife biologist and various research positions at New Mexico State University. She also has had work experience in the medical field.

Gina has been presented with the Outstanding Volunteer Service Award by Idaho Department of Fish and Game. She is the recipient of Nature of Learning Grant, U.S. Fish and Wildlife Service. Gina is the recipient of the National Board of Professional Teaching Standard Certificate.

Gina has helped open Mountain View High School as the Science Department Chairman. She was chosen as the 2005 teacher of the year by Faculty and Administration. Her favorite part of the FIRE-Up project is bringing her passion to understand nature in an outdoor setting to the students, hoping to instill a greater appreciation for the world around them.

Steve DeMers began his teaching career in Kensal and Thomson, North Dakota. While there he taught Earth Science, Chemistry, Anatomy, and Biology. He moved from Thomson to Eagle High School in Meridian District. He is a firm believer in using the out of doors to teach his students. Steve’s students experience field trips outdoors and to the Boise River.

At Eagle he is teaching Biology, Honors Biology and is the head Wrestling Coach. Steve is one of the few Idaho coaches to have coached his team to three Idaho State Wrestling Championships. Steve is also been a Freestyle and Greco Roman Wrestling Coach.

Steve has participated in Teacher workshops at Northwest Nazarene University. He has been on two teacher expeditions on the Main Salmon River “Testing the Wild Waters, Testing the Wild land”. He was a featured speaker on a Boise Public Radio presentation on “Off the Beaten Path”.

Steve is an avid outdoor educator. He says it’s working outdoors with Students that makes teaching exciting and rewarding.

Tobey Jossis was a Math and Science teacher at Centennial High School for 16years. She taught all levels of math, College Prep Physics, Earth Science, and Advanced Geology. She especially enjoyed project based lessons that involved technology and real world application. A favorite project evolved from her Advanced Geology students and their research on a recent landslide in the Eagle Foothills

Tobey thrives on bringing technology to the classroom. She spent a year as J.A. & Kathryn Albertson Foundation Technology Fellow. During that time she worked with teachers and students developing lessons in many aspects of technology applications. She continually promotes GIS mapping and GPS use in education.

She has been a M.J Murdock Charitable Trust “Partners in Science” recipient and was granted the GSA Earth and Space Science Technological Education Projects (ESSTEP). Award.

Currently Tobey is an Educational Technology Specialist for the Meridian School District. She has served as an Adjunct Faculty member for Boise State University and Northwest Nazarene University.

Tobey says that her best experience ever teaching has been the summer hands-on Field Inquiry Research Experience. The level of student learning and participation has been extremely rewarding.

Student FIRE UP Biography

My name is Adam Blamires, and the reason I took the fire up for summer is because I won't to become arborist certified and go into business with my father doing tree extraction and trimming. My father runs TLC tree service out of Emmett Idaho. I am seventeen years old; I go to Mountain View High School in Boise, Idaho and will be a senior in the class of 2006. My goals for my life are to someday go into business for myself and build myself from the ground up. I aspire to become the best at what my father and I do. When I get out of school, I will be going to smoke jump for the fire services. This year I am beginning my advance to that point hopefully by working for NIFC, the BLM, or forest services, as a grunt worker at base camp for the actual firefighters cooking food and setting up camp. The collage credits are also a good benefit of the class. This class also helps me with résumés, and it will put you ahead of the game. My hobbies are wakeboarding, and snowboarding. My sport of choice in school is wrestling and it is the hardest sport in school.



Elora Jean Twitchell

Elora is sixteen and currently a junior at Eagle High School. She enjoys playing her violin in the school orchestra and doing technical theatre for the school plays. Elora joined FIRE UP because she loves science and enjoys learning new thing. She plans on graduating high school and then attending college. Elora is planning on pursuing the science field.



Name: Devin Aujla

Age: 17

School: Mountain View

Hobbies: Cars, Gym, sports

Why joined: To have fun, and get college credit doing it.

Goals: Graduate high school with a 3.5 GPA and get scholarships for college.

Plan to do when graduate: Go to college and study something that interests me. We'll see.

Kyle Letterle

15 years of age, between my freshman and sophomore year at Mountain View High School, and a fly fishing and outdoor enthusiast ; I was set for the Fire-Up program from the start. Liking the outdoors so much and having a free summer I joined the program and had never had any experience like it before. The program gave me a great look into what a career as a biologist of some sort would be like. I was not disappointed.



On the delightful day of January twenty seventh, in the year 1989, my parents proudly named me Isaiah Beal. Since then my life has been full of different opportunities and events which have lead me to believe that my education means a great deal to my success. At the moment I attend a summer course called FIRE UP, which has taught me a great deal about my favorite subject, science. The fire up course attracted me because of my love for science and my yearning

to be a scientist when I am older. During the school year I am a student at Eagle High School. I enjoy any activity having to do with the outdoors. This includes camping, hiking, swimming, running, snowboarding, talking, traveling, and contemplating political reality. I also enjoy playing my guitar. I have played classical style guitar for about six years now. I like to spend my spare time in the winter snowboarding up at the local ski hill, Bogus Basin. Once I graduate high school I plan to attend college near the coast. I need to attend a college near the beach because of my plan to be a marine biologist. I have always loved biology and water. I know, and have always known, that marine biology was the occupation for me, and I plan on being a marine biologist because I know that my love for the subject won't die.



My name is Tyler Rohr and I have been living in Meridian, Idaho my entire life. I am 16 years old and I attend Mountain View High School. A few of my hobbies are skiing, camping, fishing, boating, and Geocaching. However my number one hobby is playing video games. I have been playing video games ever since I was three years old when my aunt bought me a Nintendo. I wish to devote my entire life to video games... to be more exact MMORPG's (Massive

Multi-player Role Playing Games). I wish to create numerous online communities where people all over the world can come together and adventure with each other and escape the daily stresses of life.

I joined Fire Up For the Summer mainly for the college credits that can be acquired from the class and to gain a worthy addition to my resume. Aside from the class my future goals are to become a noted information technologies technician wandering around the United States, and hopefully other countries such as Japan, repairing or constructing networks. Sooner or later I also wish to try my hand in the video game industry.

When I graduate I plan on going to Boise State University to get my core classes out of the way, and then head to a school that has a well noted networking program.... I wish for nothing more than to have a small decent house, with a small green yard, and have fun every day of my life till I die at my computer playing video games creating large scale MMORPG communities.



My name is Pammy Walker. I have lived in Boise all my life, and I currently attend Mountain View High School. In my free time, I enjoy tennis, playing The Sims2, and reading. Since I play the alto saxophone and clarinet, I am in marching/symphonic band at school and did MYSO on Mondays. I am always busy; as an honor student and senior, I will graduate in 2006 and continue on to college. I'm not sure what I want to major in, but law and history fascinate me. I joined the FIRE-UP for summer program because it sounded like a fun, productive way to spend June. My goals include graduating high school with a 4.0+ GPA, attending a good college, and continuing with the saxophone and clarinet beyond high school. I am glad that I had the opportunity to do this program, and I will take this experience with me in life.

Fire up Student Biography

Name:

Gaby Thomason

Age:

15

School:

Mountain View High School

Hobbies:

Paintball, whitewater rafting, and reading, esp. my bible.

Why you joined Fire up?

To help me know if science is the type of field that I want to get into, to gain more knowledge on plants and how to use certain technology, and to get college credits. Also this class would look good on resumes in the future.

What are your goals?

To travel a lot and study different cultures both in land and with people. I would also like to study and find religious artifacts and history. I would like to go on lots of mission outreaches to help other less fortunate countries. So I pretty much want to travel the world.

What do you plan to do after you graduate?

I would like to be a biblical archeologist. I plan on hopefully spending a year studying at St. Andrews University in Scotland, than spend half a year doing an internship in Israel, later going to Egypt and spending a half year there.

Biography
Casey Ireland



Name: Casey Jan Ireland

Age: 17

School: Mountain View High School

Hobbies: Volleyball, camping, boating, snowboarding, horseback riding, friends, school, four-wheeling, and family

Why I joined Fire Up: To get a head start on College and to be able to experience and learn more about the outdoors

Goals: Complete College and go to Medical School

After Graduation: To go on many camping trips and then going to College

FIRE UP BIOGRAPHY

William (Bill) Oberst-

I'm fifteen years old, I currently Attend Mountain View High School, I will be a junior this coming school year. My hobbies are biking, swimming, reading, and hanging out with my friends. The reason that I joined the FIRE UP experience is because it was something new for me to do and it promised me new opportunities in the future; it will also help with resumes for certain jobs I might want to do. My goals are to travel the world, become a famous scientist, and to get married and family. What I plan to do when I graduate out of High School and College is to get a job as an Entomologist, Paleontologist, Archaeologist, or a Marine Biologist.



Biography
Madison Charrier



Name: Madison Lee Charrier

Age: 17

School: Mountain View High School

Hobbies: Snowboarding, camping, backpacking, friends, road-trips and school

Why I Joined Fire Up: Great opportunity to get a head start on my college career and to give me a perspective on whether or not this would be a career I would enjoy

What My Goals are: Attend a college of my choice, perhaps Oregon State University, to be able to support myself, and be happy and content

After Graduation: I plan on going on a road-trip with my best friend, attending National Outdoor Leadership School, and then going to college

Justine Anderson is sixteen years old. She attends Mountain View High School; she will be a junior in 2005-2006. She grew up in Wendell, Idaho and lived there until the fall of 2004. She has enjoyed dancing (ballet and jazz) for six years. In her free time she likes to read and spend time with her family and friends. She loves the outdoors. Justine became involved with the Fire-Up For Summer project through her biology teacher, Bob Beckwith. She has always been interested in firefighting and fire control due to the influence of her and their involvement with the Wendell Volunteer Fire Department. The benefits she receives from the project include extra high school credits, four college credits, and a great experience with really awesome supervisors and project team members. She believes the project could possibly open up new doors of opportunities for her



to jump at in the future. In her junior year she will be taking pre-calculus, debate, and chemistry. She is striving to maintain a 4.0 GPA her last two years of high school. She plans to continue her education after high school by going to college. Her current interest of study includes areas such as mathematics, forensic science, criminal law, and environmental science. She is

still looking into different colleges and universities, her hopes are to go back east to attend school after studying at BSU or Albertson's College for a few years.

My name is Merrilee Jones, I'm 17 years old and I will be a senior at Mountain View High School this year. Some of my hobbies include photography, skiing, fishing, and hanging out with my family and friends. I joined FIRE-UP for summer mostly because of the concurrent credit program, for the camping trip, and learning all different types of plants, shrubs, and trees. My goals are to graduate from high school with a 3 point g.p.a or higher. Also I would like to attend collage to learn about becoming an Occupational Therapist. After high school I plan to go to collage and hopefully work toward getting a successful job as an O.T.



My name is Austin Martin and I am 17 years old. I go to Meridian High School and will be a senior next year. I am infatuated with the ocean, and plan on making it my life. I will hopefully be attending San Jose State after high school majoring in Marine Biology. I later plan on taking that into ichthyology because I love fish, especially sharks. I joined the FIRE UP program because I love being outdoors and I thought that this would be a great addition for a resume when applying for jobs and for college. I also love all animals. Bugs, birds, mammals, fish, mollusks, and everything else.





My name is Mary Printz and I'm a senior at Mountain View High School. I'm 16, I got into the Fire-up program for the college credits and I love working outdoors. I like reading and doing sports; especially pole vaulting. I didn't really know what I wanted to go to college for but after being up in Silver City and surveying the land I am very interested in possibly working for BLM or something like that. I think working with or for BLM would be an awesome career because I would still get to help people but still be excited to wake up and go to work.