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## Recreation, at a Glance

Michelle A. Wilkins  
*Utah State University*

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**RECREATION, AT A GLANCE**

by

Michelle A. Wilkins

Thesis submitted in partial fulfillment  
of the requirements for the degree

of

UNIVERSITY HONORS

UTAH STATE UNIVERSITY  
Logan, UT

1996



# RECREATION

## ...At a Glance

As Utah prepares to showcase its majestic landscapes worldwide during the 2002 Olympic Games, countless travelers continue to explore the state's splendor. Utah is famous for its land of many faces. From the red rock of Canyonland National Park to the snow-capped mountains along the Wasatch front, the state is rich in natural diversity. This diversity translates into a broad spectrum of recreational opportunities the state can offer. For instance, Utah's alpine and cross-country ski conditions are among the best in the world. In warm months, rigorous alpine and rock trails have earned Utah the reputation as the "bicycling capital of the world." In addition, river running, boating, hiking, horseback riding, rock climbing, and scenic driving are other activities available within Utah. The list of recreational possibilities appears endless.

With so many options, how does one choose which place to play? For the thousands of tourists and locals who visit the Cache National Forest each year the decision seems obvious. Logan Canyon, the 41-mile passageway through the Cache Forest has long been recognized as one of Utah's scenic masterpieces. In fact, the roadway was designated a scenic byway in the spring of 1989.

The trip through Logan Canyon is a breathtaking experience, providing individuals with images of towering limestone cliffs, bursting meadows of wildflowers, and commanding armies of Douglas Fir. Winding along banks of the Logan River, Highway 89 travels through a small sampling of the canyon's natural treasure chest. From the weathered controlled climate of an automobile, it is almost impossible to gain a full appreciation of the canyon. Each sightseer should take time to pull over and inhale an exhilarating breath of the cleansing mountain air.

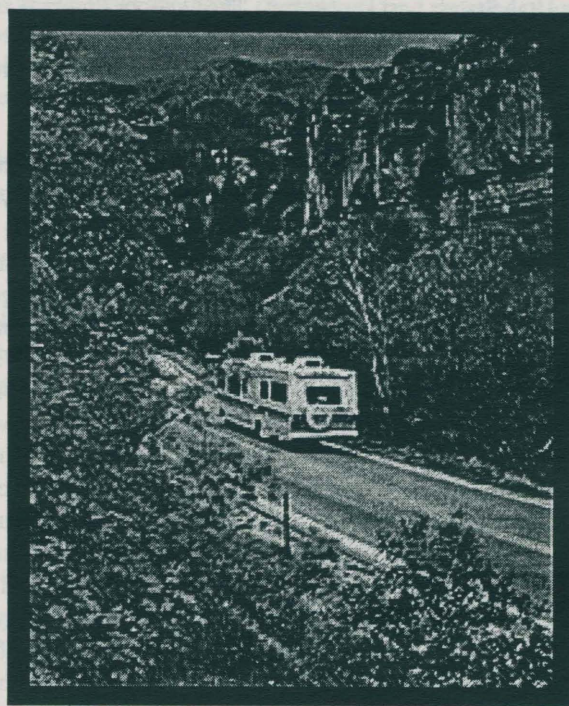
If a single breathe simply won't do, Logan Canyon offers a wide range of recreational opportunities for people with varying interests. This newsletter provides a snapshot of recreational guides in the Logan area, helping familiarize individuals with services offered. For additional information about the activities listed below, please contact the Forestry Service Office.

**Biking:** There are plenty of opportunities for cyclists, both on and off-road, in Logan Canyon. The Forest Service maintains several roads for exploring mountain bikers. Several road and mountain bike races take place throughout spring, summer, and fall. For more detailed information consult the "Bridgerland Mountain and Roadbike Trails" pamphlet.

**Cave Exploring:** There are ways to disappear in Logan Canyon: explore the area's caves! The Logan Cave and Wind Caves provide an afternoon of thrilling adventure. Don't forget your flashlight! Contact the Forestry Service for available information about cave exploring.

**Fishing:** The Logan River is known for its year-round trout and whitefish fly fishing. Fishing licenses are available at area sporting goods and department stores.

**Hiking:** There are more than 50 trails in Logan Canyon, each maintained by the Logan Ranger District. Varying in degrees of difficulty, the trails range in altitude from 5000 to 10,000 feet. While most trails are snow-covered in the winter, they are accessible



*A recreational vehicle travels through Logan Canyon*

and offer spectacular scenery during warmer months. A hike during autumn months while the trees ignite with shades of crimson is a must.

**Horseback Riding:** Logan Canyon offers riding trails for those who prefer a leisurely ride through the canyon. Horses can be rented from Beaver Creek Lodge by the hour or for the day. Rides are provided during spring, summer, and fall.

**Rock Climbing:** There are over 20 fixed climbing routes in Logan Canyon. The levels of difficulty range from novice to Utah's toughest-rated course. Some popular climbs are Fucoidal, Quartzite, China Wall and Second Practice Wall. Safety precautions and proper equipment should be used.

**Skiing:** Logan Canyon possesses its share of the "Greatest Snow on Earth." Beaver Mountain is a downhill ski resort located 27 miles up the canyon. It offers great powder and uncrowded slopes. Cross-country ski trails are located throughout the canyon. Two beginning areas for cross-country skiing are Sink Hollow and Sunrise Campground. The groomed track in Green Canyon is minutes from downtown Logan.

**Snowmobiling:** There are over 300 miles of groomed trails and side trails running through the Wasatch-Cache Forests. The Sinks, an expansive open basin near the summit of Logan Canyon, is often considered a snowmobilers paradise. Rental and guide services are available in Logan and Logan Canyon.

**Wildlife/Birdwatching:** Many animals are native to the Cache Forest, including mule deer, elk, red fox and various snakes. Birds commonly seen in the area include sandhill crane, golden and bald eagles, and great blue heron. Contact the Audubon Society or Cache Hikers for a schedule of observation outings.



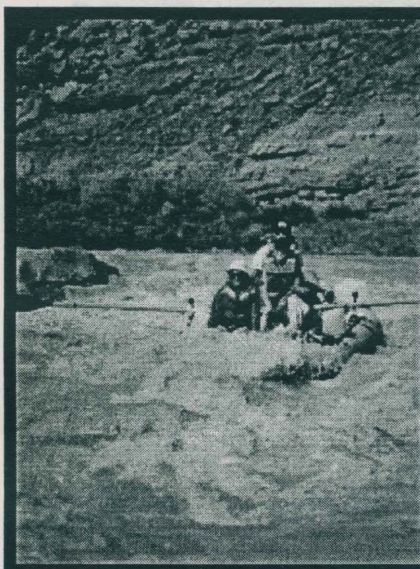
# Outdoor Recreation Center

## Utah State's Best Kept Secret

Nestled snug between the Nelson Fieldhouse and the Military Science Building, the Outdoor Recreation Center (ORC) may just well be Utah State's best kept secret. The Outdoor Program, under the direction of the Student Activities Department, offers a broad range of outdoor activity opportunities and a comprehensive rental program for both students and community members.

### Outdoor Activities

Do you wish to conquer raging white water rapids or simply



*An ORC group braves Desolation Canyon*

tour Logan Canyon's picturesque trails? The ORC offers individuals numerous ways to get involved in diverse outdoor activities. For instance, the Common Adventure Board displays various lists of upcoming outings such as hikes and canoe trips initiated by outside individuals. One needs only to sign up and wait to be contacted by the group leader. Specific arrangements for such trips are coordinated by the participants.

Another chance to participate is through Cooperative Adventures which are planned and equipped by the ORC. These outdoor expeditions may include activities such as kayaking and rafting. This program is unique in the fact that students are the main coordinators of the trip programs. There are no paid guides, but volunteers do not pay for the trip. Student leaders are given additional internal training and are expected to perform on a professional level. Anyone interested in being a student leader should contact the ORC office.

In addition, the Outdoor Recreation Program offers a variety of instructional classes and workshops designed to teach skills in a formalized setting. These classes are usually pass/fail. Classes for Fall 1996 include Introduction to: Backpacking, Hiking, Rock Climbing, Map and Compass, Primitive Survival Skills and Winter Ecology. For more information or a class syllabus contact the ORC.



*ORC hikers in Devil's Playground*

### Rental Program

Planning an outdoor excursion and have no gear? Look no further than the ORC. The facility has all the supplies needed for everything from rock climbing to cross-country skiing to week-long river expeditions. The guiding principle of the rental program is to supply equipment that meets and exceeds the needs of all people, ranging from novices to experienced outdoor recreationists. Kevin Kobe, the program's director, stated the major concern of the ORC is providing top-of-the-line equipment. "We are continuously updating our equipment. We want to make sure the customer is both safe and satisfied." To accomplish this goal, the ORC carries a wide range of products. Staff, students, and faculty receive a discounted rental rate.

### Special Projects

Also, the ORC has proved a key ingredient in the success of such special projects as constructing the USU Yurt and organizing SOAR's Outdoor Orientation.



*Utah State's Yurt*

So, what exactly is a yurt? To a group of weary cross-country skiers a yurt is their proverbial mirage in a desert of white. Constructed for seasonal use, the structure offers a comfortable haven for backcountry adventurers and the chance to sample wintery seclusion. The USU yurt is approximately 20 feet in diameter and can house up to 8 skiers comfortably. Recognizing the need for winter educational offerings, the Outdoor Program along with the Logan Ranger District and the Friends of the Outdoor Program Yurt helped coordinate the project of constructing it. The labor needed to complete the yurt totaled 780 hours and was supplied by 63 volunteers, mostly USU students. This year the yurt is projected to operate from October to May. Due to the educational purpose of the project, users must show student ID's.

Another project ORC was involved in was SOAR's Outdoor Orientation. A group of incoming freshman caught their first glimpses of higher education in the great outdoors. Instead of typical classroom and lecture hall settings, forty student participants departed for a weekend of nature hikes, rock climbs and canoe trips. Kobe explained the benefits of an outdoor framework. "Students are placed in situations where they must depend on one another. They have the chance to make friends and learn about college while building the confidence and self-esteem that many freshman lack." Since the program was pronounced a success by both leaders and participants, the program is likely to expand in upcoming years.



# Old Ephraim

## The Great King Bear

*♦The account here is a combination of several translations, employed due to space restrictions. For complete histories visit USU Special Collections.*

No forest is complete without tales of yesteryear and legends of the past. The story of Old Ephraim has been told around Logan Canyon campfires for many years. The famed 1923 encounter between Frank Clark and the massive grizzly has several versions containing slight variations.

A local sheep herder, Frank Clark had spent 10 summers trying to trap the great king bear of the Cache National Forest with no success. Old Ephraim, the last of the grizzlies in the area, was responsible for numerous livestock slayings. However, each time Clark set a trap for the mighty animal in the wallow where he bathed, the steel jaws were left still set and empty on the bank. Yet, Clark was determined to kill the giant.

Tired of being outwitted by Old Ephraim, Clark prepared the ultimate trap. He sorted through the supplies at camp and hauled up to the wallow an eleven-foot chain. He placed the new trap in the wallow and fastened a log one foot in diameter and nine feet long to the trap. Clark added the finishing touches of camouflage, placed leaves and twigs over the trap, and returned to camp.

Later that night as Clark lay sleeping, the commanding voice of Old Ephraim shook the forest. Each bellow was an explosion of anguish, tremendously loud. Paralyzed with fear, all creatures in the forest froze in anticipation of the beast's impending roars. Clark remained in his sleeping bag, straining to locate the animal's position, until he realized the noise was growing closer. He got up, laced his boots, grabbed his rifle and went up the trail. The cold night air was biting as Clark traveled the pathway, having left camp in only his underwear.

Clark had not journeyed far when he heard the monstrous roar behind him. In a cold sweat, he realized he had passed within ten feet of the raging grizzly. Finding shelter under branches, Clark huddled frightened through the long night as he listened to the furious groans Old Ephraim. Morning came at last and Clark gathered the courage to return down the trail.

Shortly after, Clark spotted a patch of grayish brown through the willows where he stood. He fired, hitting the bear in the back. Ephraim rose up in all his greatness, with the twenty-three pound bear trap clamped on his foot and started toward Clark. Clark raised his gun and discharged. Old Ephraim dropped, but stood once again. This exchange happened six more times; each time the grizzly fought to his feet. The final time Old Ephraim lurched for Clark, sending the man into a run for his life.

Hearing the bark of his dog, Clark turned to see his hound nipping at the bear's heels. The exchange between the two animals proved distracting enough that Clark dared position himself for a final shot. With only one bullet remaining, Clark fired into the side of the bear's head. The King of the Cache Forest fell dead. In the end, it had taken Frank Clark to outwit the magnificent creature.

Sometime later, a group of Boy Scouts located and sent the skull of Old Ephraim to the Smithsonian Institute where it was verified to be that of a large grizzly. Today the skull of Old Ephraim, who weighed approximately 1100 pounds and stood 9 feet 11 inches tall, resides in USU Special Collections. A monument currently marks the site where Clark buried his opponent's remains.

# Jardine Juniper

## Old Man of Wasatch Mountains

Twelve miles up Logan Canyon resides the Old Man of the Wasatch Mountains, the Jardine Juniper. The famous 1500-year-old tree sits upon his throne of stone, having endured centuries of changing seasons and extreme temperatures. It is the oldest known Rocky Mountain Juniper in our region, for normal life expectancy of red junipers is between 500 and 1000 years.

Jardine Juniper was discovered by Maurice Linford, a botany student at Utah State Agricultural College, in 1923. It was named after William Jardine, an alumnus of USAC, who served as Secretary of Agriculture in President Hoover's cabinet. The juniper was entered in the National Roster of Famous Trees.

Today, the monarch of the mountains still clings to life, but just barely. Yet, year after year many hike to view the few remaining branches that carry the green of vitality. The Jardine Juniper represents persistence and dedication throughout the years.



*Nate Palmer's copyrighted rendition of Jardine*

Nathan Palmer, a graphic design senior at USU, would have to agree. "I think the tree symbolizes the entire history of the canyon," he said. Recently, Palmer's rendition of the Jardine Juniper was recognized in the Logan Canyon Scenic Byway Logo Contest. The contest was sponsored by the Bridgerland Travel Region and Logan Ranger District. The National Scenic Byway Program is designed to promote safe, scenic historical sights. Palmer's winning entry, for which he received a mountain bike, will appear in Logan Canyon printed materials and signage for the canyon. Expect to see the Jardine Juniper signs beginning summer of 1997.



# Volunteers

President Theodore Roosevelt said, "Far and away the best prize that life offers is the chance to work hard at work worth doing." It seems numerous local individuals have sought their prize in Cache Valley's great outdoors. Each year people donate hours of time to preserving and restoring the environment. But why do they do it? What benefits do these individuals hope to gain from their volunteer service?

Peggy Linn, the Volunteer Coordinator for the Logan Ranger District, stated nearly 20,000 hours of volunteer labor are reported in this area yearly. The figure is calculated by multiplying the number of people working by the total hours worked. Volunteer projects include about 20 Eagle Scout projects and numerous service projects for scouts, churches, community groups, and USU organizations.

"To make the world a better place" is the reason Nick Strickland volunteers his time. After arriving in Logan three years ago, Strickland has spent many hours helping to correct the erosion problem occurring on the banks of the Bear River and maintaining the trail he sponsors in Card Canyon. However, this Central African native is not new to this type of work. Strickland has spent almost 40 years in the conservation effort. He says, "A nice, clean environment is better for everyone." This reason seems motivation enough for his volunteer work.

Another volunteer, Sandra Schimmelpfennig, started donating her time at 16 and has never quit. Logging over 1200 hours in volunteer time, she has been involved in various projects. She currently serves as the Chairman of the Steering Committee to restore Stewart Nature Park. Some weeks she may spend as many as 30 hours on conservation projects. "I think volunteer work is a great learning experience and provides an opportunity to expand previous skills," she said.

Volunteers are not limited to the Forestry Service. The Utah Department of Transportation sponsors an Adopt a Highway program, responsible for garbage pick-up. A wide range of groups participate in the project, from church to school and from academic to social. Usually, a group contracts to complete three outings annually. Then it is orange jackets and trash bags for everyone involved!

Hyrum Olsen, former President of the Logan Kiwanis Club, has been involved with the project for over ten years. "Our members all love the canyon, and it is a great excuse just to be there." Olsen commented that while his contribution may seem small, it is part of the greater picture of preserving the canyon's beauty.

Speaking from personal experience, I know there is no greater bonding experience than putting on hunter-like jackets and taking to the streets armed with Hefty bags. Having participated with Mortar Board, I assure you it makes for an afternoon of laughs and curious sights. Get a group together and keep track of the most unusual or disgusting find.

However, if cleaning roadside is not your forte, contact the Forestry Service or another group that sparks interest. There is plenty of work to do. Find **work worth doing** and get involved!

# Clubs

A beautiful area is a terrible thing to waste. The landscape surrounding Utah State University is rich in natural treasures. Outdoor organizations, both school and community based, exist with the purpose of exploring and savoring our region. The following list introduces a few of these groups, their activities, and contact persons. Now there is no excuse to waste Cache Valley. Get involved!

**The Bridgerland Audubon Society**, a long-standing presence in Cache Valley, is dedicated to enjoying and enhancing natural history. The group, 300 members strong, sponsors a wide range of activities. Throughout the year, field trips focus on such subjects as bald eagles, autumn fish and edible plants. Present projects of the group include helping develop the Logan Canyon Nature Learning facility and repairing damaged stream banks along the Bear River. Contact Alice Lindahl at 797-4063.

**Cache Valley Hikers** is a group founded in 1992 by locals who enjoy heading for the trails. These die-hard nature lovers plan bi-monthly expeditions, varying in levels of difficulty. This summer the group tackled the Crimson trail, Flattop Mountain and the Wellsville Ridge. Contact Kennita Thatcher at 753-8415

**The Logan Canyon Society** is an organization committed to the protection and preservation of Logan Canyon. Through efforts to increase education and influence legislation, the group strives to maintain the natural beauty of the canyon. Contact Ryan Spear, the past President, at 755-9269.

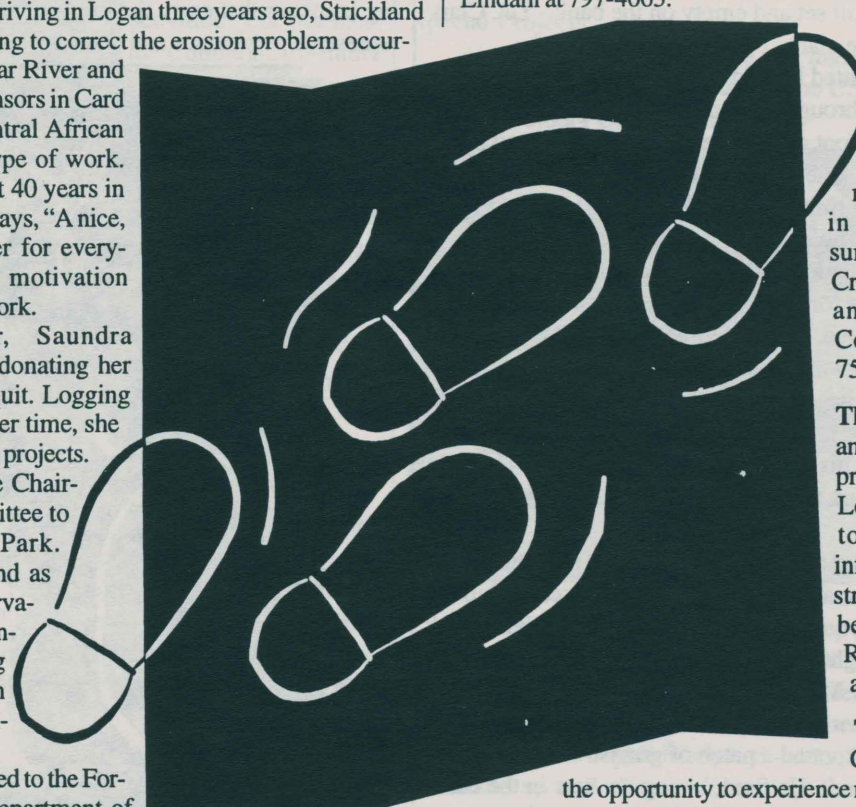
**The Mountain Club** (The Ski Club) will provide members the opportunity to experience mountain recreation. Activities cater to all levels of skiing, biking, hiking and other outdoor sports. The club's special events involve ski trips, fund-raisers and service projects. Contact David A. Baucus at 797-1658.

**Parks and Recreation Club** is a organization designed for majors and minors. The group schedules numerous activities from hiking to barbecues. Each spring they travel to the Utah Park's Recreation Seminar in St. George. Contact Art Jones at 797-1490.

**USU Forestry Club** is a club for those interested in professional forestry. The group is involved in a yearly Christmas Tree cut and the Adopt a Highway Program. They sponsor social activities such as dances and barbecues. Contact Fred Baker at 797-2550.

**The Wildlife Society** helps students make educated decisions about current wildlife issues. The group's special events have included trips to Yellowstone and various field excursions. Contact Terry Messmer at 797-3975.

◆ **Current information about any USU club is available through the ASUSU Organizations VP.**





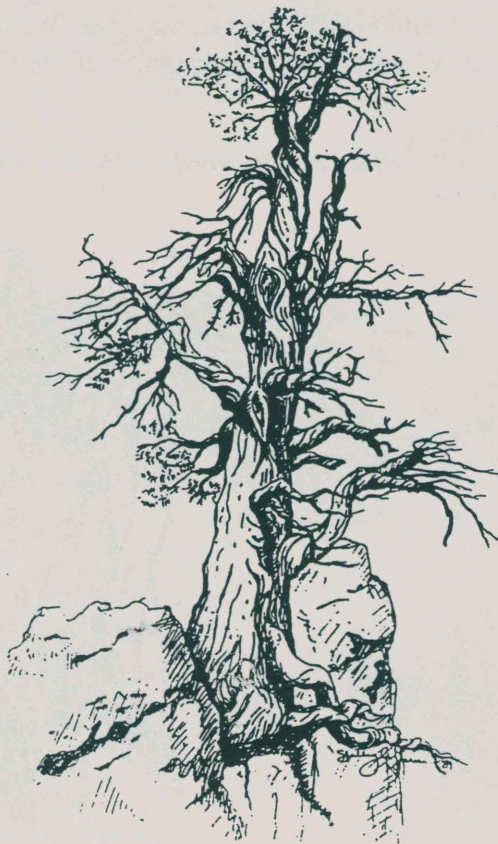
## Jardine Juniper Hike

**Trailhead:** US 89 about 12 miles from Logan to Woodcamp Campground and across the bridge to the end of the gravel road.

**Distance:** Five miles to the Jardine Juniper Tree. Grade 8%. Parking lot is 5400 ft, tree is 7000 ft.

This is a well-constructed trail to an old landmark of Logan Canyon. The tree is more than 1500 years old and still shows a few green branches. Please enjoy the tree from the viewing area. There is a spring beside the trail as you begin the switchbacks but the water is not drinkable without treatment. When you reach the elevation giving you the first glimpse of Cottonwood Canyon, there is a short trail going left, Cottonwood Cutoff Trail 008, that goes down to the Cottonwood Canyon Trail 048. The last section of the trail separates, each part going a different way around a hill. One route runs parallel, and slightly above, Cottonwood Canyon. The other gives you a good view of the lower part of Logan Canyon. The highway is visible from parts of the trail near the tree.

♦ Above excerpt taken from *Cache Trails*, written by John Wood. Additional information about local hikes can be obtained at the Forestry Service.





## Old Ephraim's Grave Hike

- Trailhead:** 1.5 miles from US 89 on FS[081], past the LOMIA Girls Camp to the end of the road. The last half mile is rough. The trail starts about a mile from the end of the road after crossing the Right Fork of Logan River.
- Distance:** 6 miles (one way) from the Right Fork at 5600 ft to the Ephraim Marker at 6720 ft. The highest point, where Trail 013 meets FS {056}, is 7202 ft.
- Grade:** 8% from Right Fork at 5600 ft, to highest point at 7202 ft (3.5 miles).  
4% from the highest point, to the Marker at 6720 ft (2.5 miles).

The trek to the site of Old Ephraim's Grave is a very popular hike and a bit strenuous if you plan to come back. The hiking trail starts at the end of the road and stays beside the Right Fork of the river for another mile. After you cross the bridge, the Willow Creek Trail 056 goes left and the Ricks Canyon Trail 127 goes right. Trail 127 is part of the Great Western Trail system. The Steel Hollow Trail 013 leaves Trail 127, going left after 0.8 miles of gentle climbing. After about 2 miles the terrain levels out. Keep going east until you come to FS {056}, then turn left. You should be very near Dog Spring. The road goes steeply downhill and turns north. There are a number of jeep roads made by eager hunters some years ago, but if you find Dog Spring, you are on FS {056}. Go down the road for about a mile, and you will see the grave site surrounded by a pole fence.

An alternate route to the site is described in the Great Western Trail group under Road FS {056} LONG HOLLOW with a brief description of the Ephraim affair.

♦ Above excerpt taken from Cache Trails, written by John Wood. Additional information about local hikes can be obtained at the Forestry Service.







Camping

White Water Rafting



# The Outdoor Recreation Center



Skiing





Introduction to Winter Ecology  
RR 491 (1 credit)

**THE FIRST CLASS WILL MEET WED. NOV. 20, 5 PM, ORC**

Instructor: Darek Staab, Phone: 797-3264

Course Description: This class covers the fundamentals of alpine winter ecology with an emphasis on plant and animal signs and adaptations. Topics covered are snow dynamics, winter ecosystems, human adaptations, plant and animal identification.

Safety: If at any time a student is being pushed too far, it is your responsibility to let the instructor know. The instructor reserves the right to remove from class any student(s) who display dangerous behavior or lack concern for safety.

Prerequisite: None. The field session does require students to backpack with the use of skis or snowshoes.

Grading: Pass/Fail. To receive a passing grade the student must attend both classroom sessions, complete a short term paper and attend the winter ecology weekend trip.

Equipment: General camping equipment is available to rent from the ORC at a class rate. Skis and snowshoes are also available to rent from the ORC.

Text: Recommended reading: Winter: An Ecological Handbook by James Halfpenny.

Dates and Location:

Classroom sessions:

Wed. Nov. 20, 5-6 pm, ORC

Wed. Dec. 4, 5-6 pm, ORC

Winter Ecology Field Session:

Friday, December 6 through Sunday, December 8. Weekend winter ecology field trip at the Outdoor Program's backcountry yurt.

Fees: A \$30.00 lab fee will be payable at the first class. This lab fee will cover handouts, group equipment, yurt rental and transportation to and from the yurt trip.

Registration: Register at the Evening School Office, Eccles Conference Center (North of Merrill Library). Limited to 10 students.



Introduction to Hiking  
RR 491 (1 credit)

**THE FIRST CLASS WILL MEET ON MON. OCT. 7, 1 PM, ORC**

Instructor: Darek Staab, Phone: 797-3264

Course Description: This class covers many topics related to hiking in a sub-alpine environment with an emphasis on leave no trace techniques. Topics covered are equipment, clothing, basic map and compass, first aid, nutrition and trip planning.

Safety: If at any time a student is being pushed too far, it is your responsibility to let the instructor know. The instructor reserves the right to remove from class any student(s) who display dangerous behavior or lack concern for safety.

Prerequisite: None.

Grading: This is a Pass/Fail class. To receive a passing grade the student must attend at least five out of the six hikes.

Equipment: Students are required to have light to medium weight hiking boots, a small day pack, and rain gear. Additional items are required and will be addressed at the first class.

Dates and Location:

Mondays, 1-5 pm, starting October 7 and finishing November 11. All hikes will take place in and around the Logan area mountains.

Fees: A \$15.00 lab fee will be payable at the first class. This lab fee will cover handouts, group equipment, and transportation to and from the hikes.

Registration: Register at the Evening School Office, Eccles Conference Center (North of Merrill Library). Limited to 12 students.



## Introduction to Backpacking

RR 491 (2 credits)

**SECTION 1: THE FIRST CLASS WILL MEET WED. OCT. 2, 5 PM, ORC**  
**SECTION 2: THE FIRST CLASS WILL MEET THURS. OCT. 3, 5 PM, ORC**

Instructors: Kevin Kobe, Section 1 Phone: 797-0551  
Darek Staab, Section 2 Phone: 797-3264

Course Description: This class covers the fundamentals of wilderness backpacking with an emphasis on leave no trace techniques. Topics covered are equipment, food/nutrition, clothing, shelters, first aid and emergency procedures, basic map and compass, camping in bear country and trip planning.

Safety: If at any time a student is being pushed too far, it is your responsibility to let the instructor know. The instructor reserves the right to remove from class any student(s) who display dangerous behavior or lack concern for safety.

Prerequisite: None.

Grading: Pass/Fail. To receive a passing grade the student must attend three of the four classroom sessions and the entire weekend trip.

Equipment: General camping equipment is available to rent from the ORC at a class rate. Additional items are required and will be addressed at the first class.

### Dates and Location:

Section 1:  
Wed. Oct. 2, 5-7 pm, ORC  
Mon. Oct. 7, 5-7 pm, ORC  
Wed. Oct. 9, 5-7 pm, ORC  
Mon. Oct. 14, 5-7 pm, ORC  
Oct. 17-20. Backing trip, location TBA.

Section 2:  
Thurs. Oct. 3, 5-7 pm, ORC  
Tues. Oct. 8, 5-7 pm, ORC  
Thurs. Oct. 10, 5-7 pm, ORC  
Tues. Oct. 15, 5-7 pm, ORC  
Oct. 24-27. Backpacking trip.

Fees: A \$30.00 lab fee will be payable at the first class. This lab fee will cover handouts, group equipment and transportation to and from the backpacking trip.

Registration: Register at the Evening School Office, Eccles Conference Center (North of Merrill Library). Limited to 10 students.



Introduction to Map and Compass  
RR 491 (1 credit)

**THE FIRST CLASS WILL MEET ON TUES. OCT. 15, 6 PM, ORC**

Instructor: Eric Newell Phone: 753-7456

Course Description: Use of map and compass is one of the most basic and essential outdoor skills. This class aims at making the student, proficient users of map and compass through practical exercises. Topics include are map symbols/colors, contour lines, latitude and longitude, map and field bearings and declination.

Prerequisite: None.

Grading: Pass/Fail. To receive a passing grade the student must participate in three sessions and successfully complete a final written and practical exam.

Equipment: Available to rent from the ORC.

Location: Indoor sessions, Nelson Fieldhouse Conference Room  
Outdoor exercises: USU Campus and surrounding areas.

Dates: Tuesday, October 15, 6-8 pm  
Saturday, October 19, 8 am-2 pm  
Tuesday, October 22, 6-8 pm  
Saturday, October 26, 8 am-2 pm

Registration: Register at the Evening School Office, Eccles Conference Center (North of Merrill Library)

Miscellaneous: Limited to 12 students. Students will need to purchase map(s) from the ORC.



Introduction to Primitive Survival Skills  
RR 491 (1 credit)

**THE FIRST CLASS WILL MEET TUESDAY, OCT. 8, 5-7 PM, ORC**

Instructor: Matt Hansen, Phone: 745-1312

Course Description: This intensive course will combine one classroom session with a full weekend camp out. Topics that will be explored, discussed and practiced include shelter building, water sources, fire-making, wild edibles, hunting and trapping (no animals will be taken during the course), tool-making and rock-working.

Safety: If at any time a student is being pushed too far, it is your responsibility to let the instructor know. The instructor reserves the right to remove from class any student(s) who display dangerous behavior or lack concern for safety.

Prerequisite: None

Grading: Pass/Fail. To receive a passing grade the student must attend the classroom session and the entire weekend trip.

Equipment: General camping equipment is available to rent from the ORC at a class rate. Students are required to have a fixed or locking blade hunting knife, as well as personal camping gear.

Dates and Location:

Classroom session: Tuesday, October 8, 5-7 pm, ORC.

Weekend Camp-out: Friday, October 11 through Sunday, October 13. The location of the weekend camp-out will be announced later. It will not involve backpacking.

Fees: A \$30.00 lab fee will be payable at the first class. This lab fee will cover handouts, group equipment, meals and transportation to and from the weekend trip.

Registration: Register at the Evening School Office, Eccles Conference Center (North of Merrill Library). Limited to 10 students.



Introduction to Rock Climbing  
RR 491 (1 credit)

Instructors: Andy Peterson      Phone: 752-6988  
                 Darek Staab        Phone: 797-3264  
                 Eric Newell         Phone: 753-7456

Course Description and Objectives: The class covers the fundamentals of rock climbing by teaching safety, judgement and proper techniques in an indoor climbing gym setting. Topics included are balance and movement on rock, proper use of equipment, knots, belay techniques, rappelling, climbing commands, ratings and ethics.

Safety: If at any time a student is being pushed too far, it is your responsibility to let the instructor know. The instructor reserves the right to remove from class any student(s) who display dangerous behavior or lack concern for safety.

Prerequisite: None.

Grading: Pass/Fail. To receive a passing grade the student must attend at least six sessions of the class. The student must also pass a written exam and be able to demonstrate proper commands, knots, belay and rapell technique during a practical exam.

Text: Required reading: How to Rock Climb by John Long (Available to purchase at Trailhead, 117 N. Main)

Equipment: Shoes and harnesses available to rent from the ORC. Students are required to purchase 6 feet of one inch tubular webbing and 6 feet of six mm cord. One locking carabiner and one belay device are strongly recommended.

Dates, Times and Location:

Section 1 (Andy)  
Tues. and Thurs. Oct. 3-29  
7-9 pm, Indoor Climbing Gym

Section 2 (Darek)  
Mon. and Wed. Oct. 7-30  
7-9 pm, Indoor Climbing Gym

Section 3 (Andy)  
Tues. and Thurs. Oct. 31-Nov. 26  
7-9 pm, Indoor Climbing Gym

Section 4 (Eric)  
Mon. and Wed. Nov. 4-Dec.2  
7-9 pm, Indoor Climbing Gym

Registration: Register at the Evening School Office, Eccles Conference Center (North of Merrill Library) Limited to 12 students.