

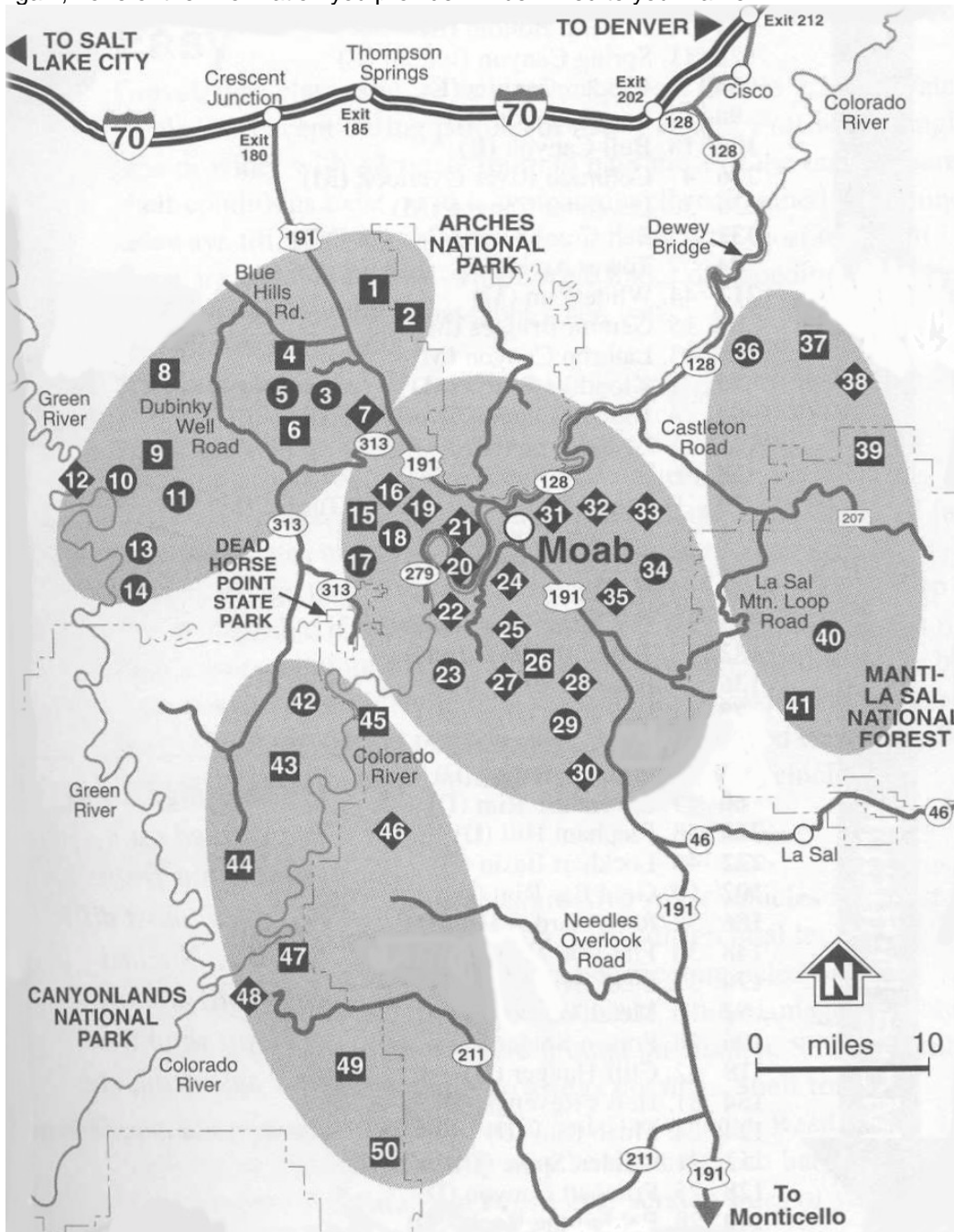
MOAB, UTAH OFF-ROAD VEHICLE SURVEY



THIS INFORMATION WILL BE USED TO ANALYZE THE IMPACTS ON OFF-ROAD ENTHUSIASTS OF POSSIBLE POLICY CHANGES IN THE MOAB, UTAH AREA.

The personal information you provide in this survey will be kept **COMPLETELY CONFIDENTIAL**, and will **NOT** be linked to your name in any way. The information provided will be used to analyze the impacts on off-road enthusiasts of possible policy changes in the Moab area and other off-road areas in the western United States. We are interested in your opinion regarding management rules that may affect access to public lands. Even if you have not taken a trip to Moab, we encourage you to answer all questions that pertain to you.

This survey is designed to account for the social value we associate with off-road access and recreation. We encourage you to carefully read this survey. We realize that the survey contains many questions that will require thought and consideration in answering; however, all of the information contained in this survey is important if your survey is to be used in tabulating the results. Therefore, please answer all questions as best you can. Again, none of the information you provide will be linked to your name.



Map taken from Guide to Moab, Ut Backroads & 4-Wheel Drive Trails, by Charles A. Wells

The information provided on this page is intended to help you in completing this survey.

● Easy Trails ●		
#	Trail Name	Rating
10.	Spring Canyon Point	2
40.	Geyser Pass	2
34.	Sand Flats Road	2
2.	Picture Frame Arch	2
3.	Tusher Tunnel	2
36.	Onion Creek, Fisher Towers	2
23.	Hurrah Pass	2
42.	Shafer Trail	2
13.	Mineral Point	2
14.	Mineral Bottom	2
11.	Spring Canyon Bottom	2
5.	Hidden Canyon	2
17.	Long Canyon	2
18.	Bull Canyon	2

■ Moderate Trails ■		
#	Trail Name	Rating
47.	Colorado River Overlook	2.5
50.	Lavender canyon	2.5
49.	Salt Creek/ Horse Canyon	2.5
2.	Tower Arch	2.5
44.	White Rim	2.5
15.	Gemini Bridges	2.5
43.	Lathrop Canyon	2.5
1.	Klondike Bluffs	2.5
4.	Hidden Canyon Overlook	2.5
41.	La Sal Pass	2.5
6.	Bartlett Overlook	2.5
9.	Secret Spire	2.5
45.	Chicken Corners	2.5
26.	Pritchett Arch	2.5
8.	Rainbow Terrace	2.5
39.	Thompson Canyon	2.5
37.	Top of the World	3
33.	Porcupine Rim	3
	3-D	3
	Copper Ridge	3
	Crystal Geyser	3
	Dome Plateau	3

◆ Difficult Trails ◆		
#	Trail Name	Rating
27.	Kane creek Road	3.5
12.	Hey Joe Canyon	3.5
32.	Fins & Things	3.5
7.	Seven Mile Rim	3.5
48.	Elephant Hill	3.5
46.	Lockhart Basin	3.5
	Hell Roaring Rim	3.5
	Strike Ravine	3.5
	Wipe Out Hill	3.5
19.	Gold Bar Rim	3.5+
35.	Steel Bender	3.5+
38.	Rose Garden Hill	4
30.	Flat Iron Mesa	4
16.	Metal Masher	4
20.	Poison Spider Mesa	4
31.	Hell's Revenge	4
22.	Cliff Hanger	4+
24.	Moab Rim	4+
21.	Golden Spike	4+
28.	Behind the Rocks	4+
25.	Pritchett Canyon	5

****The trail names provided are JUST A SAMPLE of the trails in the Moab area. We have used a combination of the rating system used by the Red Rock 4-Wheelers and the system used by Charles A. Wells in his book Guide to Moab, Ut Backroads & 4-Wheel Drive Trails. Non-numbered trails are not specifically designated on the map, but are used by the Red Rock 4-Wheelers as part of the Easter Jeep Safari.****

The table below is the trail rating system used by the Red Rock 4-Wheelers. 4WD means four-wheel drive.¹

Rating	Description of Guidelines
2	Unimproved or rarely graded roads. 4WD or extra clearance needed at times, with no special driving skills required.
2.5	Roads seldom graded. 4WD, good clearance, and low gears often needed, with some extra care and a bit of off road driving experience useful.
3	Roads in difficult terrain; expect some erosion damage, repaired barely enough for passage. 4WD, good clearance, and low gears essential.
3.5	Roads in difficult terrain; expect to drag front, rear, or middle occasionally. Excellent stock truck or utility vehicle required, with considerable driving skill needed.
3.5+	Not quite a "4" but too much challenge for some stock vehicles.
4	Roads in difficult terrain with considerable erosion damage that is repaired only enough to get well equipped vehicles through. Modifications for improved off-highway performance and top driving skills needed.
4+	Like above, but more so. Low gears, tall tires, and limber suspensions required, with limited-slip or locking differentials strongly recommended. It is common to have as many as 10 percent of the vehicles experience major mechanical failures (gears, axles, driveshafts) on these trails.
5	Locking differentials and tow hooks, front and rear, necessary. Winch urgently recommended, unless you have a really good buddy who is sure to be in position to help you with his winch.

¹Permission to use granted by Red Rock 4-Wheelers.

PART ONE: YOU AND YOUR EXPERIENCE

1. How many years have you been driving off-road? _____
2. Not including this trip, have you ever taken a trip to Moab, Utah? (circle the most appropriate response)
 - A) No (go to question 5)
 - B) Yes
3. If yes, what was your main purpose for visiting Moab, Utah? (circle the most appropriate response)
 - A) Off-road driving alone, or with a small group or off-road club (go to question 5)
 - B) Off-road driving as part of the Easter Jeep Safari (go to question 5)
 - C) Mountain biking
 - D) Hiking
 - E) River rafting
 - F) Scenic
 - G) Other _____
4. In question 3 you stated that the main purpose of your trip(s) was something other than off-road driving. Please list the areas you visited while doing the activity you identified in question 3.

5. Please describe your level of off-road enthusiasm: (circle the most appropriate response)
 - A) **Occasional**—explore dirt roads while camping or in the area, generally only driving roads rated 2 or 2.5 on the scale provided.
 - B) **Moderate-Occasional**—specifically plan short trips to explore roads or trails rated 2 to 3 on the scale provided.
 - C) **Moderate**—specifically plan short, moderate, and long trips to explore roads and trails rated 2 to 3.5 on the scale provided.
 - D) **Moderate-Extreme**—plan short, moderate, and long trips to explore trails rated 3.5 to 4+ on the scale provided, specifically seeking challenges.
 - E) **Extreme**—plan short, moderate, and long trips to explore trails rated 4 and up on the scale provided, or compete in competitions
6. Using your own best judgement, what is the highest rated trail you have completed (according to the scale provided on page 2 of this survey)? (circle the most appropriate response)
 - A) 2
 - B) 2.5
 - C) 3
 - D) 3.5
 - E) 3.5+
 - F) 4
 - G) 4+
 - H) 5
7. In what seasons do you go off-road driving (circle all that apply)
 - A) Winter
 - B) Spring
 - C) Summer
 - D) Fall

8. Are you a member of an off-road (or related) club? (circle the most appropriate response)

A) No

B) Yes; for how many years? _____

If yes, please list (for example, Wasatch Explorers 4X4 Club, Red Rock 4 Wheelers, etc.)

9. Please circle the most appropriate response to the following management possibilities in the Moab area:

Strongly Disagree

Strongly Agree

A) Drivers can make new trails or drive cross-country on public land.

1 2 3 4 5 6 7

B) Drivers should have access to all trails on public lands.

1 2 3 4 5 6 7

C) Drivers should be limited to trails that won't sustain substantial environmental damage.

1 2 3 4 5 6 7

D) Drivers should help repair damage to existing trails to keep them open for use.

1 2 3 4 5 6 7

E) A lottery system (similar to the deer hunt) should be used to limit off-road driving on trails in the Moab area.

1 2 3 4 5 6 7

F) A first come first serve permit system should be used to limit the number of vehicles allowed on each trail.

1 2 3 4 5 6 7

G) Drivers should pay for their access to trails in the Moab area.

1 2 3 4 5 6 7

10. Do you wish to make any comments regarding the answers you provided above? Please use the space below to explain.

PART TWO: YOUR VEHICLE(S)

11. How many 4WD vehicles do you own? _____ ATV's? _____ Motorcycles? _____

12. Please provide the following information for each vehicle numbered above: year, make, model, if the vehicle has fuel injection, if the vehicle is considered street legal by law, and the type of vehicle: 4WD, ATV or Motorcycle (see example).

Year	Make	Model	Fuel Injected	Street legal	Vehicle Type
Examples:					
1. 1982	Jeep	CJ-5	No	Yes	4WD
2. 1996	Yamaha	YZ 250	No	No	Motorcycle

1. _____

2. _____

3. _____

4. _____

13. Of the vehicles listed above, circle your primary off-road vehicle?

14. Is your primary off-road vehicle also used as a daily driver (commuting to work or school)? (circle the most appropriate response)

A) No

B) Yes; Approximately how many miles per day? _____ miles

15. According to the scale provided on page 2, in your best judgment, what is the hardest rated trail your primary off-road vehicle could potentially complete without sustaining more than expected damage? (circle the most appropriate response)

A) 2

C) 3

E) 3.5+

G) 4+

B) 2.5

D) 3.5

F) 4

H) 5

16. Who does the majority of the work performed on your primary off-road vehicle (modifications, maintenance, etc) (circle the most appropriate response)

A) Self

B) Friend

C) Family member

D) Shop

17. When doing modifications or repairs to your vehicle, what are you most likely to do?

A) Buy new, brand name parts

B) Buy new, generic parts

C) Buy parts from junkyard

D) Build your own parts

E) Other (for example, used parts online) _____

18. On average, approximately how much do you invest each year in your primary off-road vehicle, NOT including the price of the vehicle (for example, lift kits, shocks, tires, lockers, air compressors, winches, seats, etc)? (circle the most appropriate response)

A) Less than \$199

B) \$200-499

C) \$500-\$799

D) \$800-\$999

E) \$1,000-\$1,999

F) More than \$2,000

**PART THREE: YOUR OFF-ROAD TRIPS, AND YOUR REACTION
TO CHANGES IN POLICY IN AND AROUND MOAB, UTAH.**

A TRIP is defined as an outing of any length of time to an off-road vehicle (ORV) destination—whether for part of a day, several days, or several weeks.

19. Are there any unusual aspects to some of the trips you took during this time? (An example would be a rollover, an accident, an injury, or damage to your vehicle(s) that caused you to take fewer trips this year in comparison to a normal year for you). (circle the most appropriate response)
- A) No
B) Yes; Please explain below

20. How many recreational trips (off-road driving, mountain biking, river rafting, etc.) have you taken to the Moab area in past 12 months?

_____ trips

21. On average, how many trails do you drive while on an off-road driving trip in the Moab area? _____ Trails
22. On your most recent trip to Moab, where did you stay. Please provide the name or location of the campground or hotel. If you live in the Moab area, write "home" below.

Name of campground/hotel AND/OR Location

23. Think about your most recent off-road vehicle (ORV) trip to the Moab area. If you had not gone to Moab, where would you have gone on your ORV trip? ***IF YOU WOULDN'T HAVE GONE ANYWHERE, PLEASE LEAVE BLANK.***

DESTINATION	HAVE YOU EVER BEEN THERE?	PRIMARY VEHICLE USED? (OR WOULD BE USED)
Example: Rubicon, CA	No	Probably my CJ-5
Example: Little Sahara, UT	Yes	ATV

On the following page, please provide information for each ORV area you visited during the past 12 months.

We strongly encourage you to read the examples at the top of the chart to aid in clarifying any of your questions.

24. For this question, you will be asked to recall and provide information (as best you can) regarding your off-road trips taken in the last 12 months. In each row, please provide the needed information. Please refer to the examples in helping to fill in the table below.

Trip destination: Please include state, and if outside the U.S.A. indicate country.	# of trips	Primary Vehicle Used	Average length of stay per trip	On average, how many were traveling in your vehicle (not including you)?	On average, per trip lodging expenses	On average, your per trip share of travel expenses (not including food or lodging)	Of the number of days spent at this site how many were spent ORV driving?
Example: Bountiful, UT	4	CJ-5	3 trips, 1 day 1 trip, 2 days	3 others	\$0	\$ 20 fuel	All
Example: Escalante, UT	2	CJ-5	1 trip, 2 days 1 trip, 4 days	1 other	\$ 5 per night campground	(\$50 fuel, \$10 park entrance fees) \$30	1 st trip 2 days 2 nd trip 3 of 4 days

If you need more room, please use the back of the survey.

PART FOUR: ABOUT YOU

26. In what year were you born? _____
27. What is your gender? (circle the most appropriate response)
 A) Male B) Female
28. Annual income is often a very good indicator of participation in outdoor recreation. What is your approximate 2002 annual income, including income from interest and investments? (please circle the most appropriate category)
- | | | |
|-----------------|-----------------|-------------------|
| \$0 - 9,999 | 50,000 - 59,999 | 100,000 - 119,999 |
| 10,000 - 19,999 | 60,000 - 69,999 | 120,000 - 139,999 |
| 20,000 - 29,999 | 70,000 - 79,999 | 140,000 - 159,999 |
| 30,000 - 39,999 | 80,000 - 89,999 | 160,000 - 179,999 |
| 40,000 - 49,999 | 90,000 - 99,999 | Over \$180,000 |
29. How many hours do you normally work each week for pay? _____ hours
30. How many weeks do you work per year? (52 weeks is one year) _____ weeks
31. On the scale provided below, please indicate how flexible your work hours are each week by circling the most appropriate number from 1 to 7.
- | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| I have no flexibility - must work fixed hours each day. | 1 | 2 | 3 | 4 | 5 | 6 | 7 | I have total flexibility- can choose hours and days |
|---|---|---|---|---|---|---|---|---|
32. Was this income unusual for you in any way?
 A) No
 B) Yes; please explain below
- _____
33. What is the highest level of formal education you have completed?
- | | |
|------------------------------------|---|
| A) Less than a high school diploma | D) Trade school or Associates (2 year) degree |
| B) High school diploma | E) Bachelors degree |
| C) Some college, no degree | F) Graduate school or Professional degree |
34. How many people, including yourself, are in your household? _____
35. How many in your household, including yourself, go off-road driving? _____
36. On average, how many vehicles (including yours) go on off-road trips in your group? _____
37. On average, how many people (including yourself) go on off-road trips in your group? _____
38. Please name the city, state, zip code, and country of residence during the **last 12 months**.

City	State	Zipcode	Country
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39. Do you have any final comments concerning off-road access, driving, policies, this survey, or the Moab and surrounding areas? (Use the back if more room is needed)

THANK YOU FOR YOUR COOPERATION!

If you have questions regarding this survey, or you would like further information, contact David Wilson at (801) 593-8098, (801) 455-6194, e-mail choosh99@juno.com , or Therese Grijalva at (801) 626-7657, fax (801) 626-7423, or e-mail tgrijalva@weber.edu.