

Helpful Hints:

- ✓ Watch where you put your feet; respect the vegetation as much as possible by not trampling it.
- ✓ While participating in this course, try to limit the number of people in your group to no more than six.
- ✓ Remember — if you get lost just follow the Midland Trail back to the trailhead.
- ✓ If you are lost in the woods (meaning you lack a compass), keep in mind that moss generally grows on the north side of a tree.
- ✓ When hiking in bear and/or mountain lion country, be aware of your surroundings; make some noise (you don't have to be loud, but try not to creep silently).



Eleven Mile State Park

4229 County Road 92 • Lake George, CO 80827
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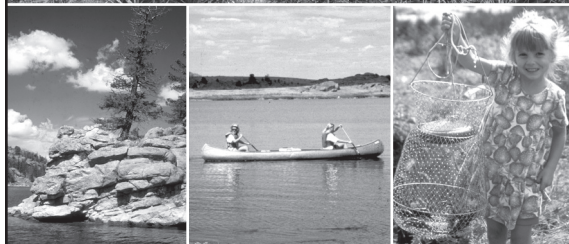
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COLORADO PARKS & WILDLIFE

Orienteering Trail

AT ELEVEN MILE STATE PARK



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Orienteering 101

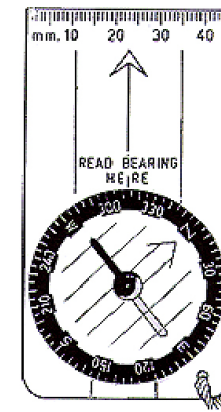
Are you ready for a crash course in the art of orienteering?

Orienteering is the art of using a compass and map to find your way in the woods; or, in this case, to navigate around a course with a set of predetermined locations called waypoint markers.

Scattered around the Backcountry landscape you will find the nine waypoint (and thirty-two sub point) markers. Each point is a composite plaque with the point number marked on it. The nine waypoints are embedded within rock mounds that are 9–12" tall. The sub points all lie flat on the ground.

To find these points, you must follow the directions located on the inside of this brochure. Paces are measured as five feet in length. This is roughly the distance an average person would walk when taking two steps.

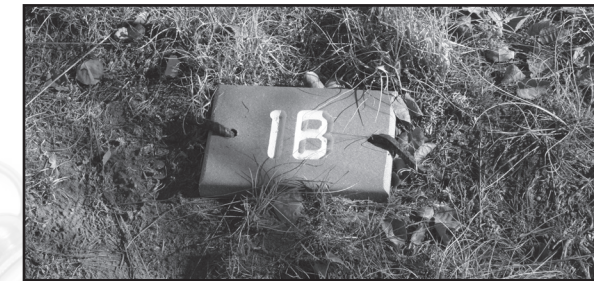
The starting point is the sign posted near Backcountry campsite #901. You'll notice the first step is to walk 148 paces at 359 degrees. This should bring you to the first sub point #1A.



Look at your compass; turn the dial on your compass until the red half of the floating arrow is within the painted red arrow on the bottom of the compass. Locate 359 degrees on the compass while keeping the floating arrow within the red painted arrow.

To find the first sub point, simply walk 148 paces in the direction of 359 degrees.

(Hint: You should look as far in that exact direction as you can to find some type of



landmark to walk towards).

Keep in mind that while paces are approximate, they should still get you close enough to see the marker. Also, remember that the directions to the next target will begin exactly at the marker you have just reached.

The total trail length is 3.16 miles.



Waypoint One:

Start at this sign. Take 148 paces at 359 degrees; then 37 paces at 82 degrees; then 137 paces at 18 degrees; then 67 paces at 65 degrees.

Waypoint Two:

Take 39 paces at 171 degrees; then 29 paces at 85 degrees; then 87 paces at 201 degrees; then 45 paces at 70 degrees; then 63 paces at 213 degrees; then 55 paces at 107 degrees.

Waypoint Three:

Take 48 paces at 210 degrees; then 74 paces at 124 degrees; then 94 paces at 36 degrees; then 44 paces at 308 degrees.

Waypoint Four:

Take 54 paces at 329 degrees; then 65 paces at 16 degrees; then 98 paces at 322 degrees; then 52 paces at 81 degrees; then 65 paces at 357 degrees.

Waypoint Five:

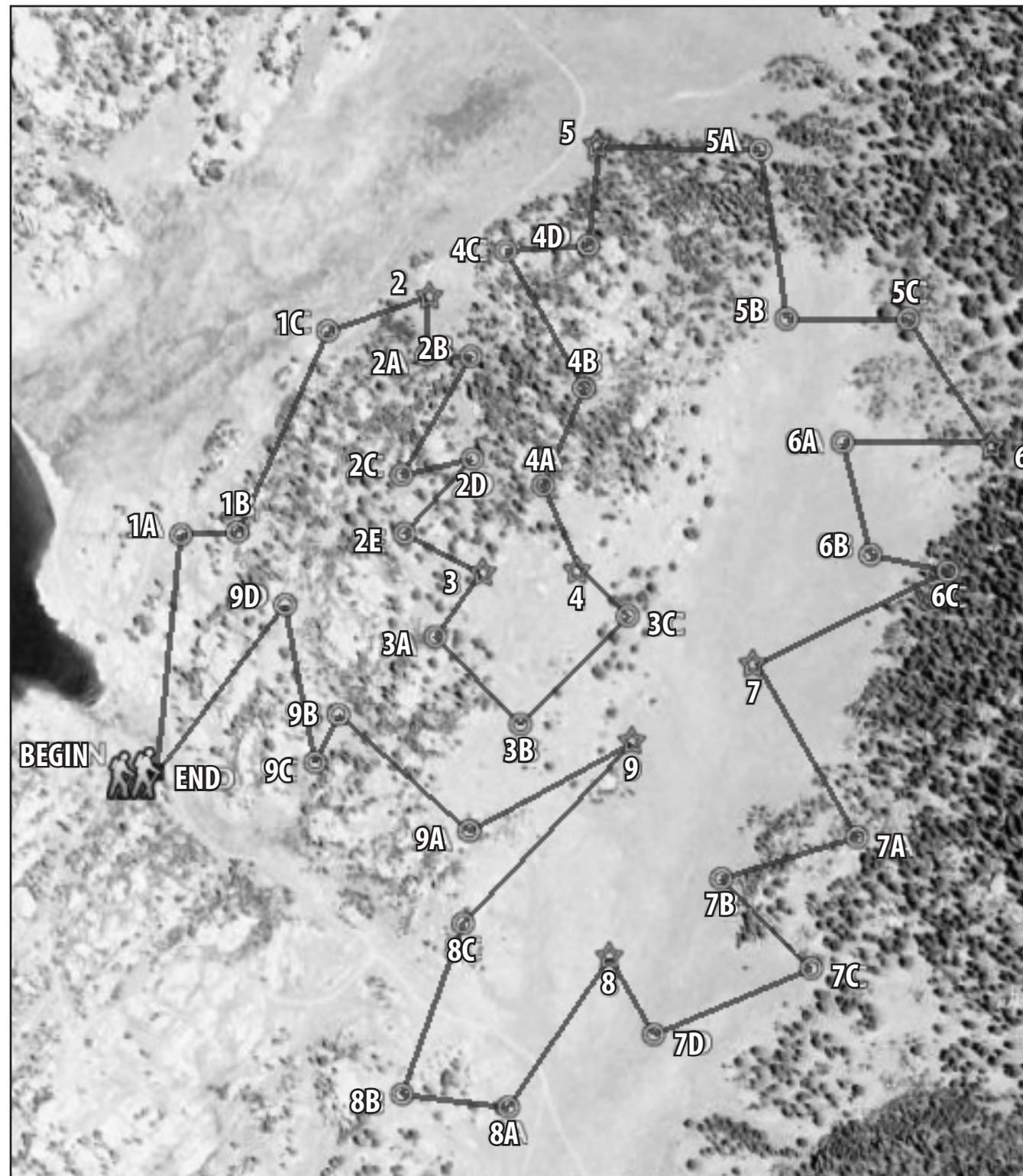
Take 98 paces at 84 degrees; then 108 paces at 161 degrees; then 73 paces at 81 degrees; then 90 paces at 137 degrees.

Waypoint Six:

Take 88 paces at 268 degrees; then 71 paces at 158 degrees; then 48 paces at 94 degrees; then 128 paces at 239 degrees.

Waypoint Seven:

Take 122 paces at 142 degrees; then 86 paces at 244 degrees; then 78 paces at 127 degrees; then 108 paces at 237 degrees; then 56 paces at 323 degrees.



Waypoint Eight:

Take 113 paces at 205 degrees; then 67 paces at 268 degrees; then 116 paces at 11 degrees; then 153 paces at 34 degrees.

Waypoint Nine:

Take 115 paces at 233 degrees; then 108 paces at 303 degrees; then 34 paces at 198 degrees; then 100 paces at 338 degrees; then 132 paces at 214 degrees.

If you are standing at the same sign that you began the course at, located near Backcountry campsite #901, then you made it.

CONGRATULATIONS!

Follow the Midland Trail back to the Coyote Ridge parking lot to return to your vehicle.

Waypoint ID	Latitude (N)			Longitude (W)			Bearing Deg Y
	Deg Y	Min '	Sec ''	Deg Y	Min '	Sec ''	
BEGIN	38	55	26.4	105	29	31.1	
1A	38	55	33.3	105	29	30.1	359
1B	38	55	33.4	105	29	27.9	082
1C	38	55	39.3	105	29	24.6	018
2	38	55	40.3	105	29	20.8	065
2A	38	55	38.5	105	29	20.8	171
2B	38	55	38.5	105	29	19.1	085
2C	38	55	35.0	105	29	21.7	201
2D	38	55	35.5	105	29	19.1	070
2E	38	55	33.3	105	29	21.6	213
3	38	55	32.1	105	29	18.7	107
3A	38	55	30.3	105	29	20.4	210
3B	38	55	27.8	105	29	17.3	124
3C	38	55	30.9	105	29	13.3	036
4	38	55	32.4	105	29	15.1	308
4A	38	55	34.7	105	29	16.4	329
4B	38	55	37.5	105	29	14.9	016
4C	38	55	41.5	105	29	17.8	322
4D	38	55	41.6	105	29	14.7	081
5	38	55	44.6	105	29	14.3	357
5A	38	55	44.4	105	29	08.4	084
5B	38	55	39.4	105	29	07.4	161
5C	38	55	39.4	105	29	03.0	081
6	38	55	35.9	105	29	00.0	137
6A	38	55	35.9	105	29	05.3	268
6B	38	55	32.7	105	29	04.3	158
6C	38	55	32.2	105	29	01.5	094
7	38	55	29.5	105	29	08.4	239
7A	38	55	24.5	105	29	04.8	142
7B	38	55	23.3	105	29	09.7	244
7C	38	55	20.7	105	29	06.4	127
7D	38	55	18.6	105	29	12.3	237
8	38	55	20.9	105	29	13.9	323
8A	38	55	16.5	105	29	17.7	205
8B	38	55	16.9	105	29	21.7	268
8C	38	55	22.0	105	29	19.4	011
9	38	55	27.2	105	29	13.1	034
9A	38	55	24.7	105	29	19.2	233
9B	38	55	28.0	105	29	24.1	303
9C	38	55	26.6	105	29	25.0	198
9D	38	55	31.2	105	29	26.1	338
END	38	55	26.4	105	29	31.1	214