

Tahoe-Northstar

Truckee, California, USA

2023 WORLD ROGAINING CHAMPIONSHIPS

SCALE 1:25000
10m contours

Event Information:

Total Points: 5260 Late Penalty: 10 pts/min
Organizers' cell phones : 775-691-6384 (Gavin) or 925-872-3935 (Jay)
In case of severe emergency, call 911



Legend

- Contour (10m)
- Index Contour (50m)
- Form Line (5m)
- Large Erosion Gully
- Small Erosion Gully
- Knoll (top of Hill)
- Depression
- Impassable Cliff
- Imp. Cliff w/o Tags
- Cliff
- Cliff Without Tags
- Large Boulder (>3m)
- Huge Boulder (>5m)
- Boulder Cluster
- Boulder Field
- Boulder Field with Bare Rock
- Stony Ground
- Stony Ground with Bare Rock
- Sandy Ground
- Bare Rock
- Uncrossable Body of Water
- Shallow Body of Water
- Crossable Watercourse
- Small Crossable Watercourse
- Minor/Seasonal Water Channel
- Uncrossable Marsh
- Seasonal Marsh
- Water Tanks
- Ruin, High Tower, Man-made Object
- Highway
- Wide Road >10m
- Paved Road 5-10m
- Dirt Road, 3-6m
- Vehicle Track, 2.5-4m
- Footpath, 0.5-2.5m
- Small Footpath, <1.0m
- Narrow Ride / Old Logging Road
- Railway
- Power Line, Cableway or Skift
- Bridge or Tunnel
- Walls
- Fence
- Impassable Fence
- Building
- Canopy
- Paved Area
- Open Dirt Area
- Open Forest
- Open Land (mostly tall grass)
- Open Land with Scattered Trees (Clear-Cut)
- Vegetation (slow run, difficult, tight)
- Mountain Bike Trail - out of bounds!
- Patrolled roads
- Out of Bounds Line - DO NOT CROSS!
- Settlement (Buildings) - OK to cross on roads and trails only (unless purple crosshatch is also present)
- Out of Bounds Areas - OK to cross on roads and trails if there is a gap shown in the out of bounds. If no gap, road/trail travel is prohibited. Solid purple borders usually have no fence or other markings.



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10m contours

SCALE IN METERS (1cm=250m)

Checkpoint Descriptions

World Rogaining Championships, July 29-30, 2023		
WRC2023	5260	points
20	The Road, southeast end, Water Drop	
21	The Wall, east end, Water Drop	
22	The Road junction, south side, Water Drop	
23	The Road junction, east side, Water Drop	
24	The Clearing, north tip, Water Drop	
25	The Road junction, Water Drop	
26	The Road junction, Water Drop	
27	The Knoll, south side	
30	The Spur	
31	The Spur	
32	The Re-entrant	
33	The Erosion Gully junction	
34	The Thicket, northwest part	
35	The Spur	
36	A Root stock	
37	The Spur	
38	The Spur	
39	A single tree, west side	
40	The Knoll	
41	The Boulder, 3m, north side	
42	The Story ground, south side	
43	The Clearing, east part	
44	The Re-entrant	
45	The Ride junction	
46	The Boulder cluster	
47	The Re-entrant	
48	The Re-entrant, shallow	
49	The Spur	
50	The Re-entrant	
51	The Re-entrant	
52	The Spur	
53	The Clearing, southwest part	
54	The Spur	
55	The Spur	
56	The Clearing	
57	The Spur	
58	The Spur	
59	The Spur	
60	The Re-entrant	
61	The Re-entrant, upper part	
62	The Spur	
63	The Spur, terrace	
64	The Marsh bend, southern	
65	The Knoll, rocky	
66	The Re-entrant	
67	The Boulder cluster, southeast side	
68	The Re-entrant	
69	The Spur	
70	The Spur	
71	The Copes, east side	
72	The Re-entrant	
73	The Knoll, southeast side	
74	The Re-entrant	
75	The Clearing, west edge	
76	The Watercourse bend, northern	
77	The Eastern Cliff, 3m, east foot	
78	The Cliff, 5m, foot	
79	The Spur	
80	The Re-entrant	
81	The Spur	
82	The Knoll	
83	The Spur	
84	The Spur	
85	The Small Erosion gully, lower	
86	The Boulder, 5m, southwest side	
87	The Knoll	
88	The Northern Cliff, top of	
89	The Spur	
90	The Spur	
91	The Spur	
92	The Saddle	
93	The Re-entrant	
94	The Boulder, upper part	
95	The Knoll	
96	The Ride, southwest end	
97	The Re-entrant, shallow	
98	The Re-entrant, shallow	
99	The Spur	
100	The Spur	
101	The Small Watercourse, head of	
102	The Spur	
103	The Cliff, 5m, foot	
104	The Northern Cliff, 5m, east foot	
105	The Clearing, southeast tip	
106	The Boulder, 3m, east side	
107	The Knoll	
108	The Cliff, 5m, west foot	

Place manual punches here if needed

Bay Area Orienteering Club



Highway 267 is STRICTLY OUT OF BOUNDS!
You may NOT travel along highway 267.
Checkpoints east of 267 must be preceded by checkpoint 21 - MANDATORY CROSSING POINT.
Subsequently, checkpoints west of 267 must also be preceded by checkpoint 21. If this is not the case, you WILL BE DISQUALIFIED!

Lake Tahoe

This map created for the World Rogaining Championships on July 29-30, 2023 as part of the California Orienteering Festival organized by the Bay Area Orienteering Club (BAOC) of California USA
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Course Setters: Bill & Heidi Cusworth (Nav-X), Mats Jansson (Nav-X)
Course Consultant: Phil Wood (New Zealand)

BAOC thanks the following for permission to use the Land:
Northstar California Resort
US National Forest Service (Tahoe National Forest)
California State Parks (Burton Creek SP)
Truckee-Tahoe Airport, Truckee Donner Land Trust
Army Corps of Engineers, Sierra Pacific Corporation

Lighting Information

Civil twilight* starts: Sat, July 29 / Sun, July 30
Sunrise: 5:27 am / 5:28 am
Sunset: 8:15 pm / 8:14 pm
Civil twilight* ends: 8:45 pm / 8:44 pm
Day length: 14:18 / 14:16
Moon: Waxing Gibbous, 91% lit / Waxing Gibbous, 97% lit
Moonrise: 6:05 pm / 7:09 pm
Moonset: 2:05 am / 3:03 am
*The sun is 6° below the horizon, maps can be read without light



Map Produced in OCAD by Bill Cusworth, 2018-2023. Contours and vegetation densely derived from LIDAR data. Credits:

This work is based on data services provided by the OpenTopography Facility with support from the National Science Foundation under NSF Award Numbers 1040877, 1040884 & 1040887 LSPS Region 9 Remote Sensing Lab (Pilot 2010). Full Resolution Laser Survey of Tahoe National Forest, completed in 2010 and derived in 2015. Provided by The National Center for Airborne Laser Mapping (NCALM). * Copyright (c) 2015. All rights reserved. All other trademarks and registered trademarks are the property of their respective owners. Coordinate Reference System: WGS 84 UTM Zone 10N. Map labeled 11 degrees west with respect to UTM Zone north (UTM Zone 10N) is correct for 13.1 mag's magnetic declination. Sierra State map and Google Maps imagery were used in the production of this map.

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