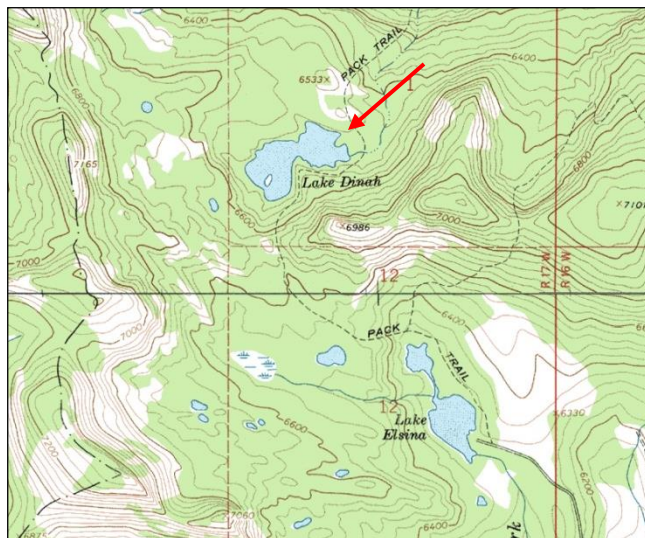


Lake Dinah



Description: Lake Dinah is a moderately sized alpine lake (22.0 acres) that formed in a glacial trough in the headwaters of the Marshall Creek drainage at an elevation of 6,476 ft. This lake lies within the Lolo National Forest on the Seeley Lake Ranger District and supports a quality, self-sustaining rainbow trout fishery.

Location: T17N, R17W, Section 1; Latitude N47.25598°, Longitude W113.71519°
Nearest Town: Seeley Lake, MT. Surrounding land ownership: Lolo National Forest (Seeley Lake Ranger District)

Access: Lake Dinah is most easily accessed from U.S. Highway 83 north of Seeley Lake, Montana. Follow Boy Scout Road (USFS Road #77) west to USFS Road #4349. After ~ 3.5 miles, take USFS Road #465 west to Lake Elsina. From Lake Elsina, hike USFS Trail #12T approximately 2 miles to Lake Dinah. The last 0.5 miles above the lake is steep and rocky, requiring some extra caution.

Campsites and Use: Lake Dinah lies in a semi-remote location that receives moderate use by anglers and hikers. There are several campsites and fire rings present adjacent to the lake (see map), with a user-created trail around most of the lake perimeter. Boating regulations prohibit all motorized watercraft on Lake Dinah.

Angling Opportunity: Lake Dinah supports a self-sustaining rainbow trout population with a moderate rate of natural reproduction. Shoreline topography lends well to shoreline angling along most of the lake perimeter.

Angling Pressure: Estimated angling pressure from Montana state-wide mail surveys in 2003-2011 is moderate with an average 91 angler-days per year (range: 41-177).

Stocking History: Lake Dinah was stocked in 1941 with approximately ten thousand rainbow trout. No other stocking has been reported and no future stocking is planned as the population is self-sustaining.

Other Nearby Lakes: Lake Elsina is located approximately one mile to the southeast adjacent to the USFS Trail 12T trailhead typically used to access Lake Dinah. Lake Marshall lies below Lake Dinah, approximately 3.5 miles to the northeast, but is most easily accessed via the road system to the east on the Marshall Creek Wildlife Management Area.



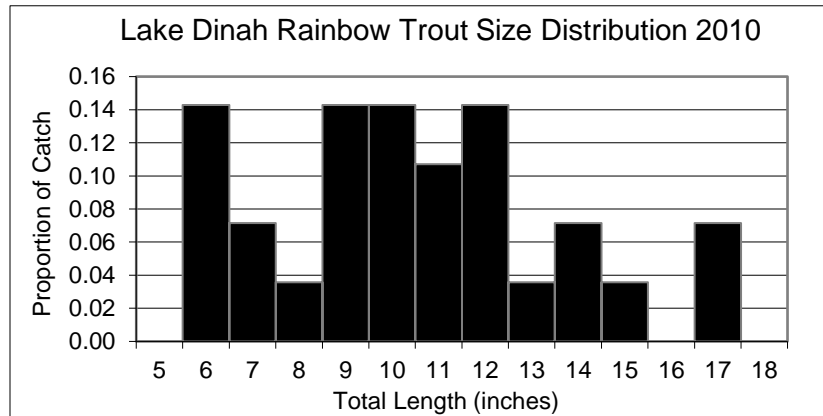
Lake Dinah: Biological & Physical Information

Date Sampled: 9/8/2010

Fish Species Present: Rainbow Trout
Size Range Captured (RBT): 5.6-17.4 in (143-441mm)
Trout Condition (Wr) (RBT): 82 (69-99) (low)
Trout Diet Composition (RBT) (9/8/2010): Aquatic insects, terrestrial insects, gammarus shrimp (scuds)
Juvenile Abundance: RBT – moderate
Management Objectives: Quality rainbow trout fishery
Currently Stocked: No **Last Stocked:** 1941 **Species:** RBT
Amphibians Observed: Columbia spotted frogs (adults and larvae)

Sampling Methods: Sinking Gill Nets
Gill Net Catch Rate (RBT): 0.61 trout/net/hr (low)
Natural Recruitment (RBT): Present (Moderate)
Inlet/Outlet Spawning Habitat: Some suitable

Recommended Frequency: N/A



Elevation: 6,476 ft
Secchi Depth: 18 ft

Surface Area: 22.0 acres
PH: 7.2

Volume: 156.4 acre-ft
Conductivity: 86 µS

TDS: 38 ppm

Max Depth: 21 ft
Aspect: Northeast

