

Heather Lake

Elevation: 7,900 ft. Surface Area: 34.7 acres. Maximum Depth: Slightly over 50' by soundings.

Fish: RT, BN, dace and red-sided minnows. Annual - Airplane - 12,000 RT.

Stream Flow Maintenance Dam: Constructed in 1951 with W.C.B. funds by Department crew. (See Susie and Gilmore Lakes for use of storage.)  
Storage: 142 acre-feet. Cost: \$2,398.00. Dam Volume: 50.37 cu. yds.  
Cost per acre-foot of water storage: \$16.92.  
Cost per cubic yard of construction: \$47.62.

Name of Dam: Heather Lake

County: El Dorado

Project: W.C.B. #1

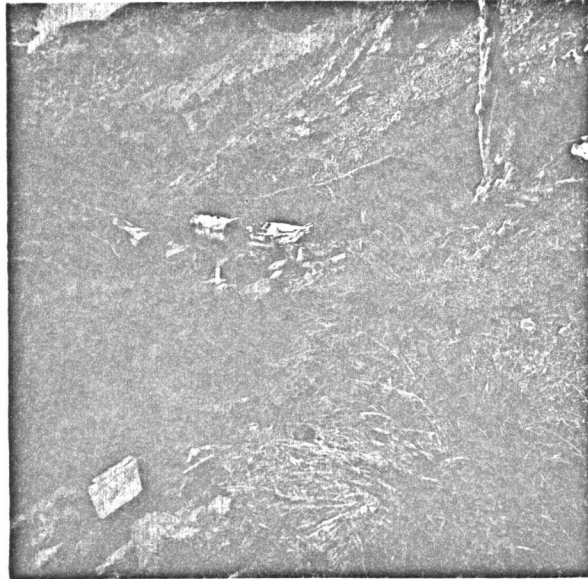
National Forest: El Dorado

Date of Construction: August 1951

Drainage: Glen Alpine Creek, Fallen Leaf Lake

Location: T.12N., R.17E., Sec. 19 M.D.B.&M. Located 0.4 miles by trail from Glen Alpine lodge via Susie Lake (Fallen Leaf Quad.)

Ownership of Dam: Department of Fish and Game under Special Use Permit from El Dorado Forest. Issued 11-26-52. Expires 11-26-57. (See remarks)



Size of Lake: 37.25 surface  
acres

Maximum Depth: 50'

Elevation: 7900'

Dam Dimensions-Height: 4'

Length: 40'

Bottom Width: 7.2'

Crest Width: 2'

Ground Level Width: 3.5'

Depth of Footing: 4'

Type of Construction: Rubble masonry

Cubic Yardage, Main Dam: 50.4

Cubic Yardage Saddle Dam(s): none

Valve: 12" Calco #101 slide  
headgate

Distance From Bottom of Valve to Spillway: 4'

Total Cost: \$2398.40

Cost Per Cubic Yard Construction: \$47.62

Active Storage: 141.8 acre ft. Cost Per Acre Feet Storage: \$16.92

Method of Construction: Hired labor

Project Purpose: To provide stream flow in outlet stream to Glen Alpine Creek, storage from Heather Lake dam and Gilmore and Susie Lake dams provide flow during dry period to Glen Alpine Creek to Fallen Leaf Lake. Benefits Taylor Creek from Fallen Leaf Lake to Lake Tahoe. Glen Alpine Creek contains a resident population of rainbow, brown and eastern brook trout. Catchable trout are planted in lower section. Rainbow and brown trout and kokanee salmon from Lake Tahoe spawn in Taylor Creek. Catchables are planted in Taylor Creek.

Operation: Recommended release 0.75 c.f.s. from time dam stops spilling (usually about August 1) through October. Flush valve on first visit to dam (usually last week in July). If dam has stopped spilling adjust valve to recommend flow as measured in weir 150' downstream from dam. Normally the dam should be checked again about August 1 and again about September 1 and the valve cleaned and reset if necessary. Currently (1963) the warden at Al Tahoe operates dam.

Remarks: There is quite a debris problem above this dam. It is necessary to clean the logs and debris from above the dam about every two years.