

Vairag Dam

Location	18.0686° N, 75.8231° E
State	Maharashtra
Nearest City	Barshi
Year of Completion	1963
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Krishna
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	10.7 m
Dam length	534.0 m
Reservoir Area	817800.0 m ²
Gross storage capacity	1455510.0 m ³
Effective storage capacity	1444000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	19.0 km ²
Perimeter of catchment	18.6 km
Basin Length	5495.6 m
Form factor	0.62809
Circularity ratio	0.68577
Elongation ratio	0.89396
Highest Stream order	6
Max elevation	554.0 m
Min elevation	492.0 m
Mean bifurcation ratio	3.1002
Stream frequency	78.8120 per km ²
Relief	62.00 m
Drainage density	10.9880 km/km ²
Length of overland flow	45.506 m

CATCHMENT CLIMATOLOGY

