

Harrai Dam

Location	22.6033° N, 79.2281° E
State	Madhya Pradesh
Nearest City	Amarwara
Year of Completion	1987
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Narmada
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	12.5 m
Dam length	380.0 m
Reservoir Area	513000.0 m ²
Gross storage capacity	1749000.0 m ³
Effective storage capacity	1613000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	12.1 km ²
Perimeter of catchment	15.7 km
Basin Length	5454.6 m
Form factor	0.40641
Circularity ratio	0.61565
Elongation ratio	0.71910
Highest Stream order	5
Max elevation	764.0 m
Min elevation	585.0 m
Mean bifurcation ratio	4.1081
Stream frequency	80.6350 per km ²
Relief	179.00 m
Drainage density	11.0520 km/km ²
Length of overland flow	45.239 m

CATCHMENT CLIMATOLOGY

