

Hydrayasaha Dam

Location	22.9306° N, 80.4425° E
State	Madhya Pradesh
Nearest City	Niwas
Year of Completion	1991
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Narmada
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	13.3 m
Dam length	754.0 m
Reservoir Area	189109.0 m ²
Gross storage capacity	1100000.0 m ³
Effective storage capacity	m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	4.2 km ²
Perimeter of catchment	9.5 km
Basin Length	2328.8 m
Form factor	0.77186
Circularity ratio	0.58538
Elongation ratio	0.99101
Highest Stream order	4
Max elevation	707.0 m
Min elevation	628.0 m
Mean bifurcation ratio	2.4812
Stream frequency	82.1790 per km ²
Relief	79.00 m
Drainage density	10.9430 km/km ²
Length of overland flow	45.691 m

CATCHMENT CLIMATOLOGY

