

Katiya Nalla Dam

Location	22.0417° N, 80.6664° E
State	Madhya Pradesh
Nearest City	Baihar
Year of Completion	1988
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Narmada
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	11.7 m
Dam length	505.0 m
Reservoir Area	185000.0 m ²
Gross storage capacity	533000.0 m ³
Effective storage capacity	456000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	2.6 km ²
Perimeter of catchment	7.2 km
Basin Length	2320.6 m
Form factor	0.48178
Circularity ratio	0.63346
Elongation ratio	0.78295
Highest Stream order	4
Max elevation	690.0 m
Min elevation	581.0 m
Mean bifurcation ratio	2.6878
Stream frequency	82.4840 per km ²
Relief	109.00 m
Drainage density	11.2710 km/km ²
Length of overland flow	44.363 m

CATCHMENT CLIMATOLOGY

