

Sindhua M.I.P Dam

Location	21.4089° N, 86.6644° E
State	Odisha
Nearest City	Soro
Year of Completion	1999
Operated and Maintained by	Odisha Water Resources Department
River Basin	Brahmani
River	South Koel
Dam Type	Earthfill Embankment
Height above lowest foundation level	16.8 m
Dam length	330.0 m
Reservoir Area	8250.0 m ²
Gross storage capacity	758891.5 m ³
Effective storage capacity	639394.4 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	5.8 km ²
Perimeter of catchment	13.2 km
Basin Length	4017.7 m
Form factor	0.36077
Circularity ratio	0.41760
Elongation ratio	0.67752
Highest Stream order	5
Max elevation	400.0 m
Min elevation	64.0 m
Mean bifurcation ratio	2.6988
Stream frequency	82.4260 per km ²
Relief	336.00 m
Drainage density	11.7320 km/km ²
Length of overland flow	42.620 m

CATCHMENT CLIMATOLOGY

