

Bisrapada M.I.P Dam

Location	22.3442° N, 84.7867° E
State	Odisha
Nearest City	Sambalpur
Year of Completion	2001
Operated and Maintained by	Odisha Water Resources Department
River Basin	Brahmani
River	Bisrapadanalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	14.0 m
Dam length	1810.0 m
Reservoir Area	47390.0 m ²
Gross storage capacity	2379000.0 m ³
Effective storage capacity	1917000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	9.3 km ²
Perimeter of catchment	14.1 km
Basin Length	5246.4 m
Form factor	0.33722
Circularity ratio	0.58675
Elongation ratio	0.65503
Highest Stream order	5
Max elevation	391.0 m
Min elevation	208.0 m
Mean bifurcation ratio	2.2796
Stream frequency	83.4970 per km ²
Relief	183.00 m
Drainage density	11.6160 km/km ²
Length of overland flow	43.045 m

CATCHMENT CLIMATOLOGY

