

Ramiala Dam

Location	21.1125° N, 85.5975° E
State	Odisha
Nearest City	Kamakhyanagar
Year of Completion	1983
Operated and Maintained by	Odisha Water Resources Department
River Basin	Brahmani
River	Ramiala
Dam Type	Earthfill Embankment
Height above lowest foundation level	28.4 m
Dam length	480.0 m
Reservoir Area	14750000.0 m ²
Gross storage capacity	86000000.0 m ³
Effective storage capacity	75250000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	331.9 km ²
Perimeter of catchment	100.9 km
Basin Length	26315.0 m
Form factor	0.47932
Circularity ratio	0.40960
Elongation ratio	0.78094
Highest Stream order	7
Max elevation	1010.0 m
Min elevation	90.0 m
Mean bifurcation ratio	2.3476
Stream frequency	88.0930 per km ²
Relief	920.00 m
Drainage density	13.1520 km/km ²
Length of overland flow	38.017 m

CATCHMENT CLIMATOLOGY

