

Ramrekha Dam

Location	22.7183° N, 84.3389° E
State	Jharkhand
Nearest City	Simdega
Year of Completion	2010
Operated and Maintained by	Jharkhand Water Resources Department
River Basin	Brahmani
River	Utail Nala
Dam Type	Earthfill Embankment
Height above lowest foundation level	28.4 m
Dam length	518.3 m
Reservoir Area	50000.0 m ²
Gross storage capacity	16000000.0 m ³
Effective storage capacity	14000000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	48.6 km ²
Perimeter of catchment	37.6 km
Basin Length	15417.0 m
Form factor	0.20443
Circularity ratio	0.43235
Elongation ratio	0.51001
Highest Stream order	6
Max elevation	757.0 m
Min elevation	444.0 m
Mean bifurcation ratio	2.2173
Stream frequency	76.4600 per km ²
Relief	313.00 m
Drainage density	10.3700 km/km ²
Length of overland flow	48.217 m

CATCHMENT CLIMATOLOGY

