

Sapua (Minor) Dam

Location	21.3375° N, 85.6228° E
State	Odisha
Nearest City	Keonjhar
Year of Completion	1993
Operated and Maintained by	Odisha Water Resources Department
River Basin	Brahmani
River	Sapua Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	17.3 m
Dam length	660.7 m
Reservoir Area	240000.0 m ²
Gross storage capacity	1280000.0 m ³
Effective storage capacity	950000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	19.7 km ²
Perimeter of catchment	19.0 km
Basin Length	6350.0 m
Form factor	0.48887
Circularity ratio	0.68887
Elongation ratio	0.78869
Highest Stream order	6
Max elevation	627.0 m
Min elevation	395.0 m
Mean bifurcation ratio	2.3281
Stream frequency	81.6230 per km ²
Relief	232.00 m
Drainage density	11.4610 km/km ²
Length of overland flow	43.625 m

CATCHMENT CLIMATOLOGY

