

Mandira Dam

Location	22.2706° N, 84.6575° E
State	Odisha
Nearest City	Panposh
Year of Completion	1959
Operated and Maintained by	Odisha Water Resources Department
River Basin	Brahmani
River	Sankh
Dam Type	Earthfill Embankment
Height above lowest foundation level	35.4 m
Dam length	426.7 m
Reservoir Area	44360000.0 m ²
Gross storage capacity	316960000.0 m ³
Effective storage capacity	311020000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	6039.0 km ²
Perimeter of catchment	500.0 km
Basin Length	147570.0 m
Form factor	0.27732
Circularity ratio	0.30368
Elongation ratio	0.59401
Highest Stream order	8
Max elevation	1106.0 m
Min elevation	172.0 m
Mean bifurcation ratio	2.2100
Stream frequency	78.6950 per km ²
Relief	934.00 m
Drainage density	10.9540 km/km ²
Length of overland flow	45.647 m

CATCHMENT CLIMATOLOGY

