

Dhankai Dam

Location	24.2233° N, 83.9564° E
State	Jharkhand
Nearest City	Daltonganj
Year of Completion	1979
Operated and Maintained by	Jharkhand Water Resources Department
River Basin	Ganga
River	Dhankai.
Dam Type	Earthfill Embankment
Height above lowest foundation level	10.6 m
Dam length	811.0 m
Reservoir Area	248575.0 m ²
Gross storage capacity	855400.0 m ³
Effective storage capacity	790000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	2.3 km ²
Perimeter of catchment	6.6 km
Basin Length	1554.0 m
Form factor	0.94619
Circularity ratio	0.66888
Elongation ratio	1.09720
Highest Stream order	4
Max elevation	465.0 m
Min elevation	216.0 m
Mean bifurcation ratio	3.0305
Stream frequency	89.2850 per km ²
Relief	249.00 m
Drainage density	12.2550 km/km ²
Length of overland flow	40.800 m

CATCHMENT CLIMATOLOGY

