

Tapkara Dam

Location	22.7858° N, 84.6847° E
State	Jharkhand
Nearest City	Gumla
Year of Completion	1988
Operated and Maintained by	Jharkhand Water Resources Department
River Basin	Brahmani
River	Kukurdoba
Dam Type	Earthfill Embankment
Height above lowest foundation level	24.2 m
Dam length	350.6 m
Reservoir Area	1430000.0 m ²
Gross storage capacity	m ³
Effective storage capacity	m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	22.8 km ²
Perimeter of catchment	23.6 km
Basin Length	6785.6 m
Form factor	0.49509
Circularity ratio	0.51662
Elongation ratio	0.79369
Highest Stream order	5
Max elevation	673.0 m
Min elevation	566.0 m
Mean bifurcation ratio	2.5670
Stream frequency	75.9780 per km ²
Relief	107.00 m
Drainage density	10.2750 km/km ²
Length of overland flow	48.661 m

CATCHMENT CLIMATOLOGY

