

Kansjore Dam

Location	22.7308° N, 84.4428° E
State	Jharkhand
Nearest City	Simdega
Year of Completion	Not Available
Operated and Maintained by	Jharkhand Water Resources Department
River Basin	Brahmani
River	Shankha
Dam Type	Earthfill Embankment
Height above lowest foundation level	28.0 m
Dam length	1920.0 m
Reservoir Area	90000.0 m ²
Gross storage capacity	23000000.0 m ³
Effective storage capacity	3700000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	66.2 km ²
Perimeter of catchment	40.5 km
Basin Length	13692.0 m
Form factor	0.35317
Circularity ratio	0.50701
Elongation ratio	0.67035
Highest Stream order	6
Max elevation	718.0 m
Min elevation	411.0 m
Mean bifurcation ratio	2.3988
Stream frequency	79.2770 per km ²
Relief	307.00 m
Drainage density	10.8490 km/km ²
Length of overland flow	46.085 m

CATCHMENT CLIMATOLOGY

