

Juanria Dam

Location	21.2872° N, 85.8878° E
State	Odisha
Nearest City	Anandpur
Year of Completion	1991
Operated and Maintained by	Odisha Water Resources Department
River Basin	Brahmani
River	Juanria Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	17.4 m
Dam length	996.7 m
Reservoir Area	440000.0 m ²
Gross storage capacity	2660000.0 m ³
Effective storage capacity	2220000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	23.6 km ²
Perimeter of catchment	19.5 km
Basin Length	6421.7 m
Form factor	0.57347
Circularity ratio	0.77785
Elongation ratio	0.85421
Highest Stream order	6
Max elevation	363.0 m
Min elevation	261.0 m
Mean bifurcation ratio	4.2569
Stream frequency	76.5780 per km ²
Relief	102.00 m
Drainage density	10.4890 km/km ²
Length of overland flow	47.667 m

CATCHMENT CLIMATOLOGY

