

Jambhira Dam

Location	22.0506° N, 86.8106° E
State	Odisha
Nearest City	Baripada
Year of Completion	1986
Operated and Maintained by	Odisha Water Resources Department
River Basin	Subarnarekha
River	Jambhira
Dam Type	Earthfill Embankment
Height above lowest foundation level	26.0 m
Dam length	3450.0 m
Reservoir Area	2600000.0 m ²
Gross storage capacity	223650000.0 m ³
Effective storage capacity	204770000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	67.3 km ²
Perimeter of catchment	36.2 km
Basin Length	11988.0 m
Form factor	0.46805
Circularity ratio	0.64581
Elongation ratio	0.77171
Highest Stream order	6
Max elevation	118.0 m
Min elevation	51.0 m
Mean bifurcation ratio	3.4595
Stream frequency	74.8390 per km ²
Relief	67.00 m
Drainage density	10.1530 km/km ²
Length of overland flow	49.247 m

CATCHMENT CLIMATOLOGY

