

Khadakhai Dam

Location	22.1419° N, 86.2378° E
State	Odisha
Nearest City	Bamanghati
Year of Completion	1979
Operated and Maintained by	Odisha Water Resources Department
River Basin	Subarnarekha
River	Khadakhai
Dam Type	Other
Height above lowest foundation level	37.0 m
Dam length	365.4 m
Reservoir Area	9800000.0 m ²
Gross storage capacity	63600000.0 m ³
Effective storage capacity	56220000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	216.6 km ²
Perimeter of catchment	70.3 km
Basin Length	21748.0 m
Form factor	0.45802
Circularity ratio	0.55155
Elongation ratio	0.76340
Highest Stream order	7
Max elevation	927.0 m
Min elevation	289.0 m
Mean bifurcation ratio	2.5303
Stream frequency	84.9590 per km ²
Relief	638.00 m
Drainage density	12.3520 km/km ²
Length of overland flow	40.479 m

CATCHMENT CLIMATOLOGY

