

Baghalati Dam

Location	19.1472° N, 84.3883° E
State	Odisha
Nearest City	Brahampur
Year of Completion	2000
Operated and Maintained by	Odisha Water Resources Department
River Basin	North East Coast
River	Bahuda
Dam Type	Earthfill Embankment
Height above lowest foundation level	39.0 m
Dam length	1645.0 m
Reservoir Area	3360000.0 m ²
Gross storage capacity	43210000.0 m ³
Effective storage capacity	38910000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	117.4 km ²
Perimeter of catchment	56.4 km
Basin Length	18509.0 m
Form factor	0.34267
Circularity ratio	0.46373
Elongation ratio	0.66031
Highest Stream order	6
Max elevation	1455.0 m
Min elevation	81.0 m
Mean bifurcation ratio	2.6064
Stream frequency	90.3110 per km ²
Relief	1374.00 m
Drainage density	13.7940 km/km ²
Length of overland flow	36.249 m

CATCHMENT CLIMATOLOGY

