

Dhanei Dam

Location	19.7819° N, 84.8928° E
State	Odisha
Nearest City	Chatrapur
Year of Completion	1965
Operated and Maintained by	Odisha Water Resources Department
River Basin	North East Coast
River	Dhanei
Dam Type	Earthfill Embankment
Height above lowest foundation level	20.6 m
Dam length	1341.0 m
Reservoir Area	4320000.0 m ²
Gross storage capacity	15320000.0 m ³
Effective storage capacity	11710000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	118.9 km ²
Perimeter of catchment	51.7 km
Basin Length	14979.0 m
Form factor	0.53007
Circularity ratio	0.56009
Elongation ratio	0.82125
Highest Stream order	6
Max elevation	645.0 m
Min elevation	94.0 m
Mean bifurcation ratio	2.5413
Stream frequency	86.5630 per km ²
Relief	551.00 m
Drainage density	12.9720 km/km ²
Length of overland flow	38.544 m

CATCHMENT CLIMATOLOGY

