

Neerasagara Dam

Location	15.3117° N, 74.9869° E
State	Karnataka
Nearest City	Kalghatgi
Year of Completion	1955
Operated and Maintained by	Karnataka Water Resources Department
River Basin	West Coast
River	Bedtinala
Dam Type	Earthfill Embankment
Height above lowest foundation level	24.6 m
Dam length	1158.3 m
Reservoir Area	4387000.0 m ²
Gross storage capacity	28924000.0 m ³
Effective storage capacity	26170000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	3.1 km ²
Perimeter of catchment	9.6 km
Basin Length	3453.2 m
Form factor	0.26283
Circularity ratio	0.42363
Elongation ratio	0.57829
Highest Stream order	4
Max elevation	670.0 m
Min elevation	574.0 m
Mean bifurcation ratio	2.4821
Stream frequency	81.6820 per km ²
Relief	96.00 m
Drainage density	11.3770 km/km ²
Length of overland flow	43.947 m

CATCHMENT CLIMATOLOGY

