

Chakra Dam

Location	13.8194° N, 74.9544° E
State	Karnataka
Nearest City	Hosanagara
Year of Completion	1985
Operated and Maintained by	Karnataka Water Resources Department
River Basin	West Coast
River	Chakra
Dam Type	Rock fill Embankment
Height above lowest foundation level	84.0 m
Dam length	570.0 m
Reservoir Area	11500000.0 m ²
Gross storage capacity	222600000.0 m ³
Effective storage capacity	133000000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	58.1 km ²
Perimeter of catchment	38.6 km
Basin Length	9989.7 m
Form factor	0.58261
Circularity ratio	0.49128
Elongation ratio	0.86099
Highest Stream order	6
Max elevation	1066.0 m
Min elevation	484.0 m
Mean bifurcation ratio	2.8750
Stream frequency	79.8740 per km ²
Relief	582.00 m
Drainage density	11.7750 km/km ²
Length of overland flow	42.464 m

CATCHMENT CLIMATOLOGY

