

Chapoli Dam

Location	15.0250° N, 74.0456° E
State	Goa
Nearest City	Chaudi Canacona
Year of Completion	2000
Operated and Maintained by	Goa Water Resources Department
River Basin	West Coast
River	Chapoli Nala
Dam Type	Earthfill Embankment
Height above lowest foundation level	25.5 m
Dam length	760.0 m
Reservoir Area	1100000.0 m ²
Gross storage capacity	9982400.0 m ³
Effective storage capacity	8765800.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	3.8 km ²
Perimeter of catchment	10.3 km
Basin Length	3057.8 m
Form factor	0.40520
Circularity ratio	0.44997
Elongation ratio	0.71803
Highest Stream order	4
Max elevation	540.0 m
Min elevation	18.0 m
Mean bifurcation ratio	2.3083
Stream frequency	93.7020 per km ²
Relief	522.00 m
Drainage density	13.7050 km/km ²
Length of overland flow	36.483 m

CATCHMENT CLIMATOLOGY

