

Ruthai (Gopi Krishna Sagar) Dam

Location	24.5472° N, 77.2325° E
State	Madhya Pradesh
Nearest City	Guna
Year of Completion	1985
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Ganga
River	Chopan Nadi
Dam Type	Earthfill Embankment
Height above lowest foundation level	m
Dam length	m
Reservoir Area	7140920.0 m ²
Gross storage capacity	m ³
Effective storage capacity	m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	295.2 km ²
Perimeter of catchment	88.5 km
Basin Length	18844.0 m
Form factor	0.83134
Circularity ratio	0.47365
Elongation ratio	1.02850
Highest Stream order	7
Max elevation	551.0 m
Min elevation	412.0 m
Mean bifurcation ratio	3.7258
Stream frequency	78.7630 per km ²
Relief	139.00 m
Drainage density	10.7820 km/km ²
Length of overland flow	46.375 m

CATCHMENT CLIMATOLOGY

