

Sanjay Sagar Dam

Location	24.3742° N, 77.2383° E
State	Madhya Pradesh
Nearest City	Guna
Year of Completion	1985
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Ganga
River	Gomukh
Dam Type	Earthfill Embankment
Height above lowest foundation level	31.8 m
Dam length	630.0 m
Reservoir Area	4870000.0 m ²
Gross storage capacity	37500000.0 m ³
Effective storage capacity	35150000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	127.1 km ²
Perimeter of catchment	61.1 km
Basin Length	15127.0 m
Form factor	0.55562
Circularity ratio	0.42853
Elongation ratio	0.84081
Highest Stream order	6
Max elevation	540.0 m
Min elevation	425.0 m
Mean bifurcation ratio	2.3494
Stream frequency	79.7160 per km ²
Relief	115.00 m
Drainage density	10.9470 km/km ²
Length of overland flow	45.674 m

CATCHMENT CLIMATOLOGY

