

Gyaraspura Dam

Location	23.4342° N, 77.1733° E
State	Madhya Pradesh
Nearest City	Sehore
Year of Completion	1979
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Ganga
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	12.8 m
Dam length	1127.8 m
Reservoir Area	787800.0 m ²
Gross storage capacity	3164000.0 m ³
Effective storage capacity	3114000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	7.7 km ²
Perimeter of catchment	12.1 km
Basin Length	4370.4 m
Form factor	0.40257
Circularity ratio	0.65609
Elongation ratio	0.71570
Highest Stream order	5
Max elevation	518.0 m
Min elevation	472.0 m
Mean bifurcation ratio	2.5611
Stream frequency	77.7690 per km ²
Relief	46.00 m
Drainage density	10.4840 km/km ²
Length of overland flow	47.692 m

CATCHMENT CLIMATOLOGY

