

Sarro Dam

Location	24.3656° N, 82.0361° E
State	Madhya Pradesh
Nearest City	Gopad Banas
Year of Completion	1973
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Ganga
River	Dhonnai
Dam Type	Earthfill Embankment
Height above lowest foundation level	22.6 m
Dam length	120.0 m
Reservoir Area	578000.0 m ²
Gross storage capacity	2780000.0 m ³
Effective storage capacity	2600000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	12.0 km ²
Perimeter of catchment	16.2 km
Basin Length	4089.4 m
Form factor	0.72002
Circularity ratio	0.57661
Elongation ratio	0.95715
Highest Stream order	5
Max elevation	459.0 m
Min elevation	307.0 m
Mean bifurcation ratio	3.6953
Stream frequency	80.8900 per km ²
Relief	152.00 m
Drainage density	11.0310 km/km ²
Length of overland flow	45.327 m

CATCHMENT CLIMATOLOGY

