

Singhanpuri Dam

Location	21.8839° N, 80.7697° E
State	Madhya Pradesh
Nearest City	Baihar
Year of Completion	1998
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Godavari
River	Khudrai Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	10.3 m
Dam length	630.0 m
Reservoir Area	40263.0 m ²
Gross storage capacity	520000.0 m ³
Effective storage capacity	489000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	2.1 km ²
Perimeter of catchment	5.6 km
Basin Length	1286.0 m
Form factor	1.26260
Circularity ratio	0.84165
Elongation ratio	1.26750
Highest Stream order	4
Max elevation	666.0 m
Min elevation	606.0 m
Mean bifurcation ratio	3.0534
Stream frequency	76.6290 per km ²
Relief	60.00 m
Drainage density	9.6440 km/km ²
Length of overland flow	51.848 m

CATCHMENT CLIMATOLOGY

