

Sirjagaon Dam

Location	21.9311° N, 78.0431° E
State	Madhya Pradesh
Nearest City	Bhainsdehi
Year of Completion	1979
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Narmada
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	18.0 m
Dam length	198.0 m
Reservoir Area	222000.0 m ²
Gross storage capacity	1079000.0 m ³
Effective storage capacity	999000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	7.5 km ²
Perimeter of catchment	12.9 km
Basin Length	3563.2 m
Form factor	0.59090
Circularity ratio	0.56629
Elongation ratio	0.86710
Highest Stream order	5
Max elevation	789.0 m
Min elevation	700.0 m
Mean bifurcation ratio	2.6696
Stream frequency	73.8450 per km ²
Relief	89.00 m
Drainage density	9.3530 km/km ²
Length of overland flow	53.459 m

CATCHMENT CLIMATOLOGY

