

Sangvi Dam

Location	21.8456° N, 75.6589° E
State	Madhya Pradesh
Nearest City	Kasrawad
Year of Completion	1999
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Narmada
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	15.0 m
Dam length	480.0 m
Reservoir Area	1232000.0 m ²
Gross storage capacity	5680000.0 m ³
Effective storage capacity	3680000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	78.3 km ²
Perimeter of catchment	44.9 km
Basin Length	16038.0 m
Form factor	0.30437
Circularity ratio	0.48749
Elongation ratio	0.62231
Highest Stream order	6
Max elevation	362.0 m
Min elevation	231.0 m
Mean bifurcation ratio	2.3522
Stream frequency	71.2390 per km ²
Relief	131.00 m
Drainage density	9.4430 km/km ²
Length of overland flow	52.952 m

CATCHMENT CLIMATOLOGY

