

Sarathi Dam

Location	21.9369° N, 79.9786° E
State	Madhya Pradesh
Nearest City	Waraseoni
Year of Completion	1923
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Godavari
River	Sarathi
Dam Type	Earthfill Embankment
Height above lowest foundation level	17.7 m
Dam length	1995.0 m
Reservoir Area	3290000.0 m ²
Gross storage capacity	17050000.0 m ³
Effective storage capacity	16170000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	74.3 km ²
Perimeter of catchment	47.3 km
Basin Length	17002.0 m
Form factor	0.25718
Circularity ratio	0.41693
Elongation ratio	0.57204
Highest Stream order	6
Max elevation	580.0 m
Min elevation	344.0 m
Mean bifurcation ratio	2.2088
Stream frequency	76.5110 per km ²
Relief	236.00 m
Drainage density	10.4270 km/km ²
Length of overland flow	47.955 m

CATCHMENT CLIMATOLOGY

