

Mahasangvi Dam

Location	18.7956° N, 75.4492° E
State	Maharashtra
Nearest City	Patoda
Year of Completion	1965
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Manjara
Dam Type	Earthfill Embankment
Height above lowest foundation level	17.0 m
Dam length	945.0 m
Reservoir Area	221000.0 m ²
Gross storage capacity	6750000.0 m ³
Effective storage capacity	5890000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	83.2 km ²
Perimeter of catchment	46.0 km
Basin Length	14047.0 m
Form factor	0.42182
Circularity ratio	0.49448
Elongation ratio	0.73261
Highest Stream order	6
Max elevation	842.0 m
Min elevation	718.0 m
Mean bifurcation ratio	3.5174
Stream frequency	77.1960 per km ²
Relief	124.00 m
Drainage density	10.8820 km/km ²
Length of overland flow	45.948 m

CATCHMENT CLIMATOLOGY

