

Sondheghar Dam

Location	17.8197° N, 73.2917° E
State	Maharashtra
Nearest City	Dapoli
Year of Completion	1980
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	West Coast
River	Palgad
Dam Type	Earthfill Embankment
Height above lowest foundation level	22.9 m
Dam length	260.0 m
Reservoir Area	620000.0 m ²
Gross storage capacity	2851000.0 m ³
Effective storage capacity	2211000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	20.8 km ²
Perimeter of catchment	20.4 km
Basin Length	7031.9 m
Form factor	0.42053
Circularity ratio	0.62626
Elongation ratio	0.73149
Highest Stream order	5
Max elevation	351.0 m
Min elevation	88.0 m
Mean bifurcation ratio	2.2789
Stream frequency	79.0120 per km ²
Relief	263.00 m
Drainage density	11.4180 km/km ²
Length of overland flow	43.791 m

CATCHMENT CLIMATOLOGY

