

Sapatne Dam

Location	18.0142° N, 75.2422° E
State	Maharashtra
Nearest City	Madha.
Year of Completion	1965
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Krishna
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	12.0 m
Dam length	1292.0 m
Reservoir Area	1145700.0 m ²
Gross storage capacity	2839000.0 m ³
Effective storage capacity	2718000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	81.8 km ²
Perimeter of catchment	40.2 km
Basin Length	12942.0 m
Form factor	0.48852
Circularity ratio	0.63748
Elongation ratio	0.78840
Highest Stream order	6
Max elevation	566.0 m
Min elevation	483.0 m
Mean bifurcation ratio	2.5464
Stream frequency	72.7270 per km ²
Relief	83.00 m
Drainage density	10.0920 km/km ²
Length of overland flow	49.546 m

CATCHMENT CLIMATOLOGY

