

Shirud Dam

Location	20.7317° N, 74.8861° E
State	Maharashtra
Nearest City	Hinganghat
Year of Completion	Not Available
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Tapi
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	12.8 m
Dam length	2250.0 m
Reservoir Area	3188000.0 m ²
Gross storage capacity	8920000.0 m ³
Effective storage capacity	8280000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	38.1 km ²
Perimeter of catchment	28.5 km
Basin Length	10148.0 m
Form factor	0.37041
Circularity ratio	0.59233
Elongation ratio	0.68651
Highest Stream order	6
Max elevation	405.0 m
Min elevation	302.0 m
Mean bifurcation ratio	2.9923
Stream frequency	74.3450 per km ²
Relief	103.00 m
Drainage density	10.0370 km/km ²
Length of overland flow	49.814 m

CATCHMENT CLIMATOLOGY

