

Shirpur Dam

Location	19.7997° N, 78.2994° E
State	Maharashtra
Nearest City	Kinwat
Year of Completion	1986
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	28.4 m
Dam length	1487.0 m
Reservoir Area	1650000.0 m ²
Gross storage capacity	6054000.0 m ³
Effective storage capacity	3801000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	74.9 km ²
Perimeter of catchment	39.1 km
Basin Length	13927.0 m
Form factor	0.38613
Circularity ratio	0.61700
Elongation ratio	0.70093
Highest Stream order	6
Max elevation	566.0 m
Min elevation	273.0 m
Mean bifurcation ratio	2.3520
Stream frequency	80.9590 per km ²
Relief	293.00 m
Drainage density	11.5870 km/km ²
Length of overland flow	43.150 m

CATCHMENT CLIMATOLOGY

