

Jalod Dam

Location	21.4667° N, 74.7500° E
State	Maharashtra
Nearest City	Shirpur
Year of Completion	1998
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Tapi
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	22.7 m
Dam length	1077.0 m
Reservoir Area	596800.0 m ²
Gross storage capacity	2610000.0 m ³
Effective storage capacity	2120000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	47.8 km ²
Perimeter of catchment	33.8 km
Basin Length	12720.0 m
Form factor	0.29554
Circularity ratio	0.52510
Elongation ratio	0.61322
Highest Stream order	5
Max elevation	422.0 m
Min elevation	198.0 m
Mean bifurcation ratio	2.3212
Stream frequency	78.0110 per km ²
Relief	224.00 m
Drainage density	10.7450 km/km ²
Length of overland flow	46.534 m

CATCHMENT CLIMATOLOGY

