

Parsul Dam

Location	20.4042° N, 74.3372° E
State	Maharashtra
Nearest City	Malegaon
Year of Completion	1884
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Tapi
River	Parsul
Dam Type	Earthfill Embankment
Height above lowest foundation level	18.9 m
Dam length	1154.0 m
Reservoir Area	760000.0 m ²
Gross storage capacity	1670000.0 m ³
Effective storage capacity	1670000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	27.1 km ²
Perimeter of catchment	37.7 km
Basin Length	15168.0 m
Form factor	0.11785
Circularity ratio	0.24018
Elongation ratio	0.38723
Highest Stream order	5
Max elevation	1322.0 m
Min elevation	544.0 m
Mean bifurcation ratio	2.5275
Stream frequency	84.7240 per km ²
Relief	778.00 m
Drainage density	12.2660 km/km ²
Length of overland flow	40.763 m

CATCHMENT CLIMATOLOGY

