

Sadrabadi Dam

Location	21.4447° N, 76.8050° E
State	Maharashtra
Nearest City	Melghat
Year of Completion	1973
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Tapi
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	17.5 m
Dam length	491.0 m
Reservoir Area	524400.0 m ²
Gross storage capacity	1366000.0 m ³
Effective storage capacity	1316000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	4.5 km ²
Perimeter of catchment	9.7 km
Basin Length	2881.7 m
Form factor	0.54733
Circularity ratio	0.61338
Elongation ratio	0.83451
Highest Stream order	4
Max elevation	471.0 m
Min elevation	336.0 m
Mean bifurcation ratio	2.9037
Stream frequency	78.7690 per km ²
Relief	135.00 m
Drainage density	10.6410 km/km ²
Length of overland flow	46.987 m

CATCHMENT CLIMATOLOGY

