

Gadaddeo Dam

Location	21.6000° N, 74.8417° E
State	Maharashtra
Nearest City	Shirpur
Year of Completion	1998
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Tapi
River	Anrluk
Dam Type	Earthfill Embankment
Height above lowest foundation level	22.8 m
Dam length	584.0 m
Reservoir Area	40000.0 m ²
Gross storage capacity	1650000.0 m ³
Effective storage capacity	1420000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	13.3 km ²
Perimeter of catchment	20.1 km
Basin Length	8491.8 m
Form factor	0.18451
Circularity ratio	0.41498
Elongation ratio	0.48453
Highest Stream order	5
Max elevation	679.0 m
Min elevation	364.0 m
Mean bifurcation ratio	2.2972
Stream frequency	79.0670 per km ²
Relief	315.00 m
Drainage density	10.9700 km/km ²
Length of overland flow	45.577 m

CATCHMENT CLIMATOLOGY

