

Banoti Dam

Location	20.5108° N, 75.3467° E
State	Maharashtra
Nearest City	Soyegaon
Year of Completion	1968
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Tapi
River	Hiwara
Dam Type	Earthfill Embankment
Height above lowest foundation level	19.5 m
Dam length	491.0 m
Reservoir Area	680000.0 m ²
Gross storage capacity	3370000.0 m ³
Effective storage capacity	3070000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	51.1 km ²
Perimeter of catchment	40.3 km
Basin Length	14802.0 m
Form factor	0.23344
Circularity ratio	0.39651
Elongation ratio	0.54500
Highest Stream order	6
Max elevation	809.0 m
Min elevation	321.0 m
Mean bifurcation ratio	2.5696
Stream frequency	79.0280 per km ²
Relief	488.00 m
Drainage density	11.0120 km/km ²
Length of overland flow	45.404 m

CATCHMENT CLIMATOLOGY

