

Bardipada Dam

Location	21.0756° N, 74.2103° E
State	Maharashtra
Nearest City	Nawapur
Year of Completion	Not Available
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Tapi
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	21.1 m
Dam length	1365.0 m
Reservoir Area	600000.0 m ²
Gross storage capacity	3060000.0 m ³
Effective storage capacity	2590000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	2.6 km ²
Perimeter of catchment	6.5 km
Basin Length	1649.9 m
Form factor	0.96904
Circularity ratio	0.79672
Elongation ratio	1.11040
Highest Stream order	4
Max elevation	670.0 m
Min elevation	541.0 m
Mean bifurcation ratio	2.6811
Stream frequency	87.5720 per km ²
Relief	129.00 m
Drainage density	12.3680 km/km ²
Length of overland flow	40.428 m

CATCHMENT CLIMATOLOGY

