

Bilwadi Dam

Location	20.4336° N, 73.8503° E
State	Maharashtra
Nearest City	Jamner
Year of Completion	1994
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Tapi
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	14.4 m
Dam length	869.0 m
Reservoir Area	637000.0 m ²
Gross storage capacity	1628000.0 m ³
Effective storage capacity	1524000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	4.7 km ²
Perimeter of catchment	9.2 km
Basin Length	2448.9 m
Form factor	0.77945
Circularity ratio	0.69742
Elongation ratio	0.99587
Highest Stream order	5
Max elevation	1169.0 m
Min elevation	747.0 m
Mean bifurcation ratio	7.8313
Stream frequency	91.5620 per km ²
Relief	422.00 m
Drainage density	13.5420 km/km ²
Length of overland flow	36.922 m

CATCHMENT CLIMATOLOGY

