

Jalchakra Dam

Location	20.8761° N, 75.9344° E
State	Maharashtra
Nearest City	Bodwad
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	14.3 m
Dam length	480.0 m
Reservoir Area	355520.0 m ²
Gross storage capacity	1307530.0 m ³
Effective storage capacity	1176500.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	8.6 km ²
Perimeter of catchment	11.9 km
Basin Length	3786.3 m
Form factor	0.59929
Circularity ratio	0.76234
Elongation ratio	0.87323
Highest Stream order	5
Max elevation	338.0 m
Min elevation	294.0 m
Mean bifurcation ratio	2.2815
Stream frequency	73.3300 per km ²
Relief	44.00 m
Drainage density	9.6490 km/km ²
Length of overland flow	51.821 m

CATCHMENT CLIMATOLOGY

