

Jigaon Dam

Location	20.9494° N, 76.3742° E
State	Maharashtra
Nearest City	Nandura
Year of Completion	Not Available
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Tapi
River	Purna
Dam Type	Earthfill Embankment
Height above lowest foundation level	32.3 m
Dam length	8240.0 m
Reservoir Area	62400.0 m ²
Gross storage capacity	736579000.0 m ³
Effective storage capacity	297723000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	16338.0 km ²
Perimeter of catchment	697.4 km
Basin Length	175680.0 m
Form factor	0.52934
Circularity ratio	0.42226
Elongation ratio	0.82069
Highest Stream order	9
Max elevation	1151.0 m
Min elevation	215.0 m
Mean bifurcation ratio	2.1974
Stream frequency	73.4600 per km ²
Relief	936.00 m
Drainage density	9.9780 km/km ²
Length of overland flow	50.110 m

CATCHMENT CLIMATOLOGY

