

Waki (Jalna) Dam

Location	19.7272° N, 75.9022° E
State	Maharashtra
Nearest City	Jalna
Year of Completion	Not Available
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	17.7 m
Dam length	4080.0 m
Reservoir Area	2410141.0 m ²
Gross storage capacity	7004000.0 m ³
Effective storage capacity	6403000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	96.1 km ²
Perimeter of catchment	47.6 km
Basin Length	18705.0 m
Form factor	0.27465
Circularity ratio	0.53283
Elongation ratio	0.59115
Highest Stream order	6
Max elevation	555.0 m
Min elevation	461.0 m
Mean bifurcation ratio	2.1176
Stream frequency	73.3550 per km ²
Relief	94.00 m
Drainage density	9.9580 km/km ²
Length of overland flow	50.211 m

CATCHMENT CLIMATOLOGY

