

Wai Dam

Location	20.0806° N, 78.6289° E
State	Maharashtra
Nearest City	Pandharkawada
Year of Completion	1997
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	18.0 m
Dam length	2086.0 m
Reservoir Area	2722000.0 m ²
Gross storage capacity	9710000.0 m ³
Effective storage capacity	8900000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	26.1 km ²
Perimeter of catchment	23.9 km
Basin Length	8663.4 m
Form factor	0.34822
Circularity ratio	0.57292
Elongation ratio	0.66563
Highest Stream order	5
Max elevation	423.0 m
Min elevation	282.0 m
Mean bifurcation ratio	2.4163
Stream frequency	80.0460 per km ²
Relief	141.00 m
Drainage density	11.2490 km/km ²
Length of overland flow	44.447 m

CATCHMENT CLIMATOLOGY

