

Kawalewada Dam

Location	21.3836° N, 79.7544° E
State	Maharashtra
Nearest City	Tumsar
Year of Completion	1975
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	11.2 m
Dam length	1000.0 m
Reservoir Area	20060.0 m ²
Gross storage capacity	2033000.0 m ³
Effective storage capacity	1896000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	24.5 km ²
Perimeter of catchment	25.1 km
Basin Length	11063.0 m
Form factor	0.20017
Circularity ratio	0.48982
Elongation ratio	0.50468
Highest Stream order	5
Max elevation	297.0 m
Min elevation	261.0 m
Mean bifurcation ratio	2.3928
Stream frequency	70.0480 per km ²
Relief	36.00 m
Drainage density	9.1320 km/km ²
Length of overland flow	54.750 m

CATCHMENT CLIMATOLOGY

