

Wahad Dam

Location	18.7489° N, 77.1042° E
State	Maharashtra
Nearest City	Kandhar
Year of Completion	1980
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	13.5 m
Dam length	660.0 m
Reservoir Area	109000.0 m ²
Gross storage capacity	894000.0 m ³
Effective storage capacity	803000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	8.6 km ²
Perimeter of catchment	14.6 km
Basin Length	5414.9 m
Form factor	0.29464
Circularity ratio	0.50979
Elongation ratio	0.61229
Highest Stream order	5
Max elevation	540.0 m
Min elevation	473.0 m
Mean bifurcation ratio	2.3304
Stream frequency	80.6770 per km ²
Relief	67.00 m
Drainage density	11.5110 km/km ²
Length of overland flow	43.435 m

CATCHMENT CLIMATOLOGY

