

Whatti Dam

Location	18.6367° N, 76.7425° E
State	Maharashtra
Nearest City	Ahmedpur
Year of Completion	1980
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Whati
Dam Type	Earthfill Embankment
Height above lowest foundation level	17.3 m
Dam length	1609.0 m
Reservoir Area	2664000.0 m ²
Gross storage capacity	9512000.0 m ³
Effective storage capacity	8270000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	79.3 km ²
Perimeter of catchment	40.7 km
Basin Length	9652.2 m
Form factor	0.85082
Circularity ratio	0.60279
Elongation ratio	1.04050
Highest Stream order	7
Max elevation	661.0 m
Min elevation	537.0 m
Mean bifurcation ratio	4.1352
Stream frequency	77.1450 per km ²
Relief	124.00 m
Drainage density	10.8000 km/km ²
Length of overland flow	46.297 m

CATCHMENT CLIMATOLOGY

