

Warana Dam

Location	19.5147° N, 76.6678° E
State	Maharashtra
Nearest City	Shahuwadi
Year of Completion	2000
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Warna River
Dam Type	Composite Concrete and Earth fill
Height above lowest foundation level	88.8 m
Dam length	1580.0 m
Reservoir Area	2889000.0 m ²
Gross storage capacity	974188000.0 m ³
Effective storage capacity	779348000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	2.5 km ²
Perimeter of catchment	6.2 km
Basin Length	2876.8 m
Form factor	0.30368
Circularity ratio	0.82223
Elongation ratio	0.62160
Highest Stream order	4
Max elevation	471.0 m
Min elevation	412.0 m
Mean bifurcation ratio	2.3394
Stream frequency	91.9160 per km ²
Relief	59.00 m
Drainage density	13.0930 km/km ²
Length of overland flow	38.188 m

CATCHMENT CLIMATOLOGY

