

Ashti Dam

Location	21.2089° N, 78.1931° E
State	Maharashtra
Nearest City	Ashti
Year of Completion	1963
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	17.3 m
Dam length	589.0 m
Reservoir Area	430000.0 m ²
Gross storage capacity	1710000.0 m ³
Effective storage capacity	1620000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	6.7 km ²
Perimeter of catchment	11.8 km
Basin Length	3645.1 m
Form factor	0.50271
Circularity ratio	0.60030
Elongation ratio	0.79978
Highest Stream order	5
Max elevation	418.0 m
Min elevation	334.0 m
Mean bifurcation ratio	2.8125
Stream frequency	75.3070 per km ²
Relief	84.00 m
Drainage density	10.0020 km/km ²
Length of overland flow	49.989 m

CATCHMENT CLIMATOLOGY

