

## Adan Dam

Location	20.4097° N, 77.5631° E
State	Maharashtra
Nearest City	Manora
Year of Completion	1977
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Aran
Dam Type	Other
Height above lowest foundation level	30.3 m
Dam length	755.0 m
Reservoir Area	10520000.0 m <sup>2</sup>
Gross storage capacity	78320000.0 m <sup>3</sup>
Effective storage capacity	67250000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	803.9 km <sup>2</sup>
Perimeter of catchment	150.2 km
Basin Length	53648.0 m
Form factor	0.27932
Circularity ratio	0.44771
Elongation ratio	0.59615
Highest Stream order	8
Max elevation	568.0 m
Min elevation	367.0 m
Mean bifurcation ratio	2.1992
Stream frequency	75.3270 per km <sup>2</sup>
Relief	201.00 m
Drainage density	10.4380 km/km <sup>2</sup>
Length of overland flow	47.901 m

## CATCHMENT CLIMATOLOGY

