

Arasnal Dam

Location	18.3072° N, 77.0289° E
State	Maharashtra
Nearest City	Udgir
Year of Completion	1973
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	11.6 m
Dam length	1067.0 m
Reservoir Area	470000.0 m ²
Gross storage capacity	1327000.0 m ³
Effective storage capacity	1230000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	131.6 km ²
Perimeter of catchment	57.8 km
Basin Length	18887.0 m
Form factor	0.36894
Circularity ratio	0.49586
Elongation ratio	0.68515
Highest Stream order	6
Max elevation	677.0 m
Min elevation	588.0 m
Mean bifurcation ratio	2.2016
Stream frequency	74.9500 per km ²
Relief	89.00 m
Drainage density	10.5330 km/km ²
Length of overland flow	47.468 m

CATCHMENT CLIMATOLOGY

