

Rachnnawadi Dam

Location	18.5125° N, 76.9700° E
State	Maharashtra
Nearest City	Chakur
Year of Completion	1996
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	14.9 m
Dam length	1577.0 m
Reservoir Area	1758000.0 m ²
Gross storage capacity	5327000.0 m ³
Effective storage capacity	4597000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	51.2 km ²
Perimeter of catchment	32.7 km
Basin Length	9168.7 m
Form factor	0.60894
Circularity ratio	0.60077
Elongation ratio	0.88023
Highest Stream order	6
Max elevation	684.0 m
Min elevation	540.0 m
Mean bifurcation ratio	2.2986
Stream frequency	75.7170 per km ²
Relief	144.00 m
Drainage density	10.5050 km/km ²
Length of overland flow	47.596 m

CATCHMENT CLIMATOLOGY

