

Chanai Dam

Location	18.7364° N, 76.3581° E
State	Maharashtra
Nearest City	Ambejogai
Year of Completion	2006
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	16.5 m
Dam length	182.0 m
Reservoir Area	82000.0 m ²
Gross storage capacity	601000.0 m ³
Effective storage capacity	550000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	6.7 km ²
Perimeter of catchment	12.1 km
Basin Length	4224.8 m
Form factor	0.37647
Circularity ratio	0.57276
Elongation ratio	0.69211
Highest Stream order	4
Max elevation	692.0 m
Min elevation	592.0 m
Mean bifurcation ratio	2.3856
Stream frequency	76.7910 per km ²
Relief	100.00 m
Drainage density	10.4990 km/km ²
Length of overland flow	47.624 m

CATCHMENT CLIMATOLOGY

