

Erai Dam

Location	20.1197° N, 79.2658° E
State	Maharashtra
Nearest City	Bhadravati
Year of Completion	1983
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Erai
Dam Type	Earthfill Embankment
Height above lowest foundation level	30.0 m
Dam length	1620.0 m
Reservoir Area	58000000.0 m ²
Gross storage capacity	226500000.0 m ³
Effective storage capacity	193000000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	753.9 km ²
Perimeter of catchment	143.1 km
Basin Length	50255.0 m
Form factor	0.29851
Circularity ratio	0.46303
Elongation ratio	0.61629
Highest Stream order	8
Max elevation	367.0 m
Min elevation	191.0 m
Mean bifurcation ratio	2.5764
Stream frequency	75.2320 per km ²
Relief	176.00 m
Drainage density	10.4410 km/km ²
Length of overland flow	47.886 m

CATCHMENT CLIMATOLOGY

