

Kinnerasani Project Dam

Location	17.6783° N, 80.6564° E
State	Telangana
Nearest City	Bogampad
Year of Completion	1971
Operated and Maintained by	Telangana Irrigation and CAD Department
River Basin	Godavari
River	Kinnarasani
Dam Type	Earthfill Embankment
Height above lowest foundation level	38.4 m
Dam length	2315.0 m
Reservoir Area	26182000.0 m ²
Gross storage capacity	237888000.0 m ³
Effective storage capacity	196802000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	27.6 km ²
Perimeter of catchment	24.6 km
Basin Length	8498.9 m
Form factor	0.38230
Circularity ratio	0.57562
Elongation ratio	0.69745
Highest Stream order	6
Max elevation	369.0 m
Min elevation	87.0 m
Mean bifurcation ratio	8.6960
Stream frequency	76.6280 per km ²
Relief	282.00 m
Drainage density	10.5700 km/km ²
Length of overland flow	47.302 m

CATCHMENT CLIMATOLOGY

