

Thandava Dam

Location	17.6222° N, 82.4606° E
State	Andhra Pradesh
Nearest City	Narsipatnam
Year of Completion	1975
Operated and Maintained by	Andhra Pradesh Water Resources Department
River Basin	North East Coast
River	Thandava
Dam Type	Earthfill Embankment
Height above lowest foundation level	32.7 m
Dam length	201.0 m
Reservoir Area	18650000.0 m ²
Gross storage capacity	140450000.0 m ³
Effective storage capacity	124690000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	465.9 km ²
Perimeter of catchment	104.7 km
Basin Length	30689.0 m
Form factor	0.49464
Circularity ratio	0.53377
Elongation ratio	0.79333
Highest Stream order	8
Max elevation	1384.0 m
Min elevation	93.0 m
Mean bifurcation ratio	5.7162
Stream frequency	85.5380 per km ²
Relief	1291.00 m
Drainage density	12.8760 km/km ²
Length of overland flow	38.833 m

CATCHMENT CLIMATOLOGY

