

Andra Reservoir Dam

Location	18.3497° N, 83.1964° E
State	Andhra Pradesh
Nearest City	Gajapathinagaram
Year of Completion	1998
Operated and Maintained by	Andhra Pradesh Water Resources Department
River Basin	North East Coast
River	Champavathi
Dam Type	Earthfill Embankment
Height above lowest foundation level	22.0 m
Dam length	1890.0 m
Reservoir Area	4406000.0 m ²
Gross storage capacity	27750000.0 m ³
Effective storage capacity	26400000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	115.9 km ²
Perimeter of catchment	60.8 km
Basin Length	17524.0 m
Form factor	0.37746
Circularity ratio	0.39462
Elongation ratio	0.69302
Highest Stream order	6
Max elevation	1243.0 m
Min elevation	126.0 m
Mean bifurcation ratio	2.2809
Stream frequency	85.8240 per km ²
Relief	1117.00 m
Drainage density	12.8690 km/km ²
Length of overland flow	38.853 m

CATCHMENT CLIMATOLOGY

