

Chitravathi Balancing Reservoir Dam

Location	14.5597° N, 77.9597° E
State	Andhra Pradesh
Nearest City	Ananthapur
Year of Completion	2008
Operated and Maintained by	Andhra Pradesh Water Resources Department
River Basin	Pennar
River	Chitravathi
Dam Type	Earthfill Embankment
Height above lowest foundation level	36.5 m
Dam length	846.0 m
Reservoir Area	35807000000.0 m ²
Gross storage capacity	289636.0 m ³
Effective storage capacity	288390.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	5711.7 km ²
Perimeter of catchment	480.6 km
Basin Length	123760.0 m
Form factor	0.37289
Circularity ratio	0.31082
Elongation ratio	0.68881
Highest Stream order	10
Max elevation	1196.0 m
Min elevation	277.0 m
Mean bifurcation ratio	2.7274
Stream frequency	73.5150 per km ²
Relief	919.00 m
Drainage density	10.3920 km/km ²
Length of overland flow	48.112 m

CATCHMENT CLIMATOLOGY

