

Mopad Reservoir Dam

Location	15.1069° N, 79.4808° E
State	Andhra Pradesh
Nearest City	Kanigiri
Year of Completion	1921
Operated and Maintained by	Andhra Pradesh Water Resources Department
River Basin	Pennar
River	Manneru
Dam Type	Earthfill Embankment
Height above lowest foundation level	28.0 m
Dam length	2630.0 m
Reservoir Area	13073000.0 m ²
Gross storage capacity	61000000.0 m ³
Effective storage capacity	59216000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	666.9 km ²
Perimeter of catchment	161.8 km
Basin Length	45811.0 m
Form factor	0.31775
Circularity ratio	0.32016
Elongation ratio	0.63585
Highest Stream order	7
Max elevation	805.0 m
Min elevation	85.0 m
Mean bifurcation ratio	2.1809
Stream frequency	76.0510 per km ²
Relief	720.00 m
Drainage density	10.9210 km/km ²
Length of overland flow	45.784 m

CATCHMENT CLIMATOLOGY

