

Kothacheru, Kotagandlapally Dam

Location	14.1839° N, 77.7717° E
State	Andhra Pradesh
Nearest City	Pargi
Year of Completion	Not Available
Operated and Maintained by	Andhra Pradesh Water Resources Department
River Basin	Pennar
River	Lower Krishna
Dam Type	Earthfill Embankment
Height above lowest foundation level	10.0 m
Dam length	873.0 m
Reservoir Area	82600.0 m ²
Gross storage capacity	2002200.0 m ³
Effective storage capacity	1401540.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	50.4 km ²
Perimeter of catchment	36.3 km
Basin Length	14172.0 m
Form factor	0.25092
Circularity ratio	0.47973
Elongation ratio	0.56504
Highest Stream order	5
Max elevation	623.0 m
Min elevation	442.0 m
Mean bifurcation ratio	2.1458
Stream frequency	73.6740 per km ²
Relief	181.00 m
Drainage density	10.1890 km/km ²
Length of overland flow	49.070 m

CATCHMENT CLIMATOLOGY

