

Shri Kotla Vijaya Bhaskara Reddy Barragesunkesula Barrage Dam

Location	15.8803° N, 77.8578° E
State	Andhra Pradesh
Nearest City	Kurnool
Year of Completion	2004
Operated and Maintained by	Andhra Pradesh Water Resources Department
River Basin	Krishna
River	Tungabhadra
Dam Type	Earthfill Embankment
Height above lowest foundation level	17.2 m
Dam length	630.0 m
Reservoir Area	5537630000.0 m ²
Gross storage capacity	33975.0 m ³
Effective storage capacity	27184.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	66531.0 km ²
Perimeter of catchment	1677.8 km
Basin Length	428520.0 m
Form factor	0.36232
Circularity ratio	0.29710
Elongation ratio	0.67897
Highest Stream order	11
Max elevation	1869.0 m
Min elevation	271.0 m
Mean bifurcation ratio	2.3811
Stream frequency	72.8670 per km ²
Relief	1598.00 m
Drainage density	10.2640 km/km ²
Length of overland flow	48.712 m

CATCHMENT CLIMATOLOGY

