

Chikkavadiyar, Anantapur Dam

Location	14.6708° N, 77.6703° E
State	Andhra Pradesh
Nearest City	Bukkarayasamudram
Year of Completion	Not Available
Operated and Maintained by	Andhra Pradesh Water Resources Department
River Basin	Pennar
River	Ghatprabha
Dam Type	Other
Height above lowest foundation level	10.5 m
Dam length	4476.0 m
Reservoir Area	2261730.0 m ²
Gross storage capacity	15524240.0 m ³
Effective storage capacity	11942000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	2.0 km ²
Perimeter of catchment	6.2 km
Basin Length	1621.1 m
Form factor	0.76655
Circularity ratio	0.66503
Elongation ratio	0.98759
Highest Stream order	4
Max elevation	370.0 m
Min elevation	348.0 m
Mean bifurcation ratio	3.8247
Stream frequency	69.9960 per km ²
Relief	22.00 m
Drainage density	9.0220 km/km ²
Length of overland flow	55.422 m

CATCHMENT CLIMATOLOGY

