

Pedderu Reservoir Project Dam

Location	13.8839° N, 78.3703° E
State	Andhra Pradesh
Nearest City	Kottala
Year of Completion	1971
Operated and Maintained by	Andhra Pradesh Water Resources Department
River Basin	Pennar
River	Pedderu
Dam Type	Earthfill Embankment
Height above lowest foundation level	29.3 m
Dam length	590.0 m
Reservoir Area	200000.0 m ²
Gross storage capacity	15850000.0 m ³
Effective storage capacity	14980000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	1432.5 km ²
Perimeter of catchment	212.7 km
Basin Length	59243.0 m
Form factor	0.40816
Circularity ratio	0.39809
Elongation ratio	0.72065
Highest Stream order	8
Max elevation	1333.0 m
Min elevation	461.0 m
Mean bifurcation ratio	2.3897
Stream frequency	75.7260 per km ²
Relief	872.00 m
Drainage density	10.8600 km/km ²
Length of overland flow	46.042 m

CATCHMENT CLIMATOLOGY

