

Peddabommalapuram Reservoir Dam

Location	15.9583° N, 79.1361° E
State	Andhra Pradesh
Nearest City	Dornal
Year of Completion	1978
Operated and Maintained by	Andhra Pradesh Water Resources Department
River Basin	Pennar
River	Local Nala
Dam Type	Earthfill Embankment
Height above lowest foundation level	17.3 m
Dam length	640.0 m
Reservoir Area	243876.0 m ²
Gross storage capacity	3763000.0 m ³
Effective storage capacity	3763000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	199.8 km ²
Perimeter of catchment	91.4 km
Basin Length	32920.0 m
Form factor	0.18436
Circularity ratio	0.30067
Elongation ratio	0.48433
Highest Stream order	7
Max elevation	849.0 m
Min elevation	238.0 m
Mean bifurcation ratio	2.2734
Stream frequency	83.3050 per km ²
Relief	611.00 m
Drainage density	12.5360 km/km ²
Length of overland flow	39.885 m

CATCHMENT CLIMATOLOGY

