

Donkarai (S.H.E.S) Dam

Location	17.9342° N, 81.7961° E
State	Andhra Pradesh
Nearest City	Donkarayi
Year of Completion	1983
Operated and Maintained by	Andhra Pradesh Water Resources Department
River Basin	Godavari
River	Sileru
Dam Type	Other
Height above lowest foundation level	71.0 m
Dam length	1398.0 m
Reservoir Area	28060000.0 m ²
Gross storage capacity	470000000.0 m ³
Effective storage capacity	380000000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	5876.5 km ²
Perimeter of catchment	487.7 km
Basin Length	136740.0 m
Form factor	0.31429
Circularity ratio	0.31055
Elongation ratio	0.63238
Highest Stream order	9
Max elevation	1638.0 m
Min elevation	259.0 m
Mean bifurcation ratio	2.6289
Stream frequency	84.9290 per km ²
Relief	1379.00 m
Drainage density	12.8130 km/km ²
Length of overland flow	39.023 m

CATCHMENT CLIMATOLOGY

