

Ps Velegonda Project Sunkesula Dam

Location	15.8808° N, 77.8286° E
State	Andhra Pradesh
Nearest City	Marakapur
Year of Completion	2014
Operated and Maintained by	Andhra Pradesh Water Resources Department
River Basin	Krishna
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Dam Type	Earthfill Embankment
Height above lowest foundation level	58.8 m
Dam length	400.0 m
Reservoir Area	69525000000.0 m ²
Gross storage capacity	1525000.0 m ³
Effective storage capacity	1231000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	66336.0 km ²
Perimeter of catchment	1675.6 km
Basin Length	426390.0 m
Form factor	0.36487
Circularity ratio	0.29700
Elongation ratio	0.68136
Highest Stream order	11
Max elevation	1869.0 m
Min elevation	272.0 m
Mean bifurcation ratio	2.3931
Stream frequency	72.8780 per km ²
Relief	1597.00 m
Drainage density	10.2670 km/km ²
Length of overland flow	48.701 m

CATCHMENT CLIMATOLOGY

