

Suddavagu (Gaddenavagu) Dam

Location	19.1206° N, 77.9508° E
State	Telangana
Nearest City	Mudhol
Year of Completion	2006
Operated and Maintained by	Telangana Irrigation and CAD Department
River Basin	Godavari
River	Siddha River
Dam Type	Other
Height above lowest foundation level	17.1 m
Dam length	3684.0 m
Reservoir Area	14830000.0 m ²
Gross storage capacity	44523000.0 m ³
Effective storage capacity	42652000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	662.2 km ²
Perimeter of catchment	127.2 km
Basin Length	43134.0 m
Form factor	0.35591
Circularity ratio	0.51417
Elongation ratio	0.67294
Highest Stream order	8
Max elevation	540.0 m
Min elevation	348.0 m
Mean bifurcation ratio	2.3653
Stream frequency	78.9910 per km ²
Relief	192.00 m
Drainage density	11.3050 km/km ²
Length of overland flow	44.227 m

CATCHMENT CLIMATOLOGY

