

Sat Dodarna Dam

Location	19.2833° N, 77.9381° E
State	Telangana
Nearest City	Mudhol
Year of Completion	2004
Operated and Maintained by	Telangana Irrigation and CAD Department
River Basin	Godavari
River	Gharaparbha
Dam Type	Earthfill Embankment
Height above lowest foundation level	12.5 m
Dam length	m
Reservoir Area	275300.0 m ²
Gross storage capacity	1739000.0 m ³
Effective storage capacity	1565100.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	24.4 km ²
Perimeter of catchment	22.8 km
Basin Length	7032.7 m
Form factor	0.49381
Circularity ratio	0.59167
Elongation ratio	0.79266
Highest Stream order	6
Max elevation	543.0 m
Min elevation	397.0 m
Mean bifurcation ratio	2.3922
Stream frequency	83.4450 per km ²
Relief	146.00 m
Drainage density	12.1260 km/km ²
Length of overland flow	41.232 m

CATCHMENT CLIMATOLOGY

