

Nandivagu Project, Kasulabad Dam

Location	17.5300° N, 77.9092° E
State	Telangana
Nearest City	Vikarabad
Year of Completion	Not Available
Operated and Maintained by	Telangana Irrigation and CAD Department
River Basin	Godavari
River	Swarnamukhi
Dam Type	Earthfill Embankment
Height above lowest foundation level	14.0 m
Dam length	1342.0 m
Reservoir Area	1420000.0 m ²
Gross storage capacity	4560000.0 m ³
Effective storage capacity	3760000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	89.2 km ²
Perimeter of catchment	43.5 km
Basin Length	13540.0 m
Form factor	0.48645
Circularity ratio	0.59187
Elongation ratio	0.78673
Highest Stream order	7
Max elevation	693.0 m
Min elevation	568.0 m
Mean bifurcation ratio	6.5787
Stream frequency	76.2170 per km ²
Relief	125.00 m
Drainage density	10.7280 km/km ²
Length of overland flow	46.608 m

CATCHMENT CLIMATOLOGY

