

Dasamanthapur Dam

Location	19.0428° N, 82.9322° E
State	Odisha
Nearest City	Koraput
Year of Completion	1982
Operated and Maintained by	Odisha Water Resources Department
River Basin	Godavari
River	Ghaigadai
Dam Type	Earthfill Embankment
Height above lowest foundation level	18.2 m
Dam length	297.0 m
Reservoir Area	122000.0 m ²
Gross storage capacity	440000.0 m ³
Effective storage capacity	303000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	10.3 km ²
Perimeter of catchment	17.2 km
Basin Length	6157.6 m
Form factor	0.27143
Circularity ratio	0.43550
Elongation ratio	0.58767
Highest Stream order	4
Max elevation	1064.0 m
Min elevation	757.0 m
Mean bifurcation ratio	2.6137
Stream frequency	82.3020 per km ²
Relief	307.00 m
Drainage density	11.7100 km/km ²
Length of overland flow	42.697 m

CATCHMENT CLIMATOLOGY

