

Satiguda(Ukp) Dam

Location	18.8369° N, 82.5817° E
State	Odisha
Nearest City	Jeypore
Year of Completion	1986
Operated and Maintained by	Odisha Water Resources Department
River Basin	Godavari
River	Satinallah
Dam Type	Earthfill Embankment
Height above lowest foundation level	16.8 m
Dam length	1144.2 m
Reservoir Area	567000.0 m ²
Gross storage capacity	1710000.0 m ³
Effective storage capacity	1520000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	19.6 km ²
Perimeter of catchment	26.6 km
Basin Length	8802.9 m
Form factor	0.25249
Circularity ratio	0.34824
Elongation ratio	0.56680
Highest Stream order	5
Max elevation	971.0 m
Min elevation	585.0 m
Mean bifurcation ratio	2.5320
Stream frequency	82.2370 per km ²
Relief	386.00 m
Drainage density	11.9970 km/km ²
Length of overland flow	41.676 m

CATCHMENT CLIMATOLOGY

