

Muran (Upper Indravati Project) Dam

Location	19.1053° N, 82.7628° E
State	Odisha
Nearest City	Jajapur
Year of Completion	1981
Operated and Maintained by	Odisha Water Resources Department
River Basin	Godavari
River	Muran
Dam Type	Composite Concrete and Masonry
Height above lowest foundation level	65.0 m
Dam length	494.0 m
Reservoir Area	110000000.0 m ²
Gross storage capacity	2300000000.0 m ³
Effective storage capacity	1500000000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	1019.0 km ²
Perimeter of catchment	167.3 km
Basin Length	45664.0 m
Form factor	0.48870
Circularity ratio	0.45778
Elongation ratio	0.78855
Highest Stream order	7
Max elevation	1359.0 m
Min elevation	581.0 m
Mean bifurcation ratio	2.4488
Stream frequency	81.6390 per km ²
Relief	778.00 m
Drainage density	11.9620 km/km ²
Length of overland flow	41.798 m

CATCHMENT CLIMATOLOGY

