

Ostali M.I.P Dam

Location	20.5697° N, 83.1047° E
State	Odisha
Nearest City	Patnagarh
Year of Completion	1994
Operated and Maintained by	Odisha Water Resources Department
River Basin	Mahanadi
River	Ostali Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	11.0 m
Dam length	1067.0 m
Reservoir Area	1530000.0 m ²
Gross storage capacity	4890000.0 m ³
Effective storage capacity	4240000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	31.9 km ²
Perimeter of catchment	23.7 km
Basin Length	7204.6 m
Form factor	0.61389
Circularity ratio	0.71066
Elongation ratio	0.88380
Highest Stream order	6
Max elevation	345.0 m
Min elevation	238.0 m
Mean bifurcation ratio	2.3021
Stream frequency	67.3480 per km ²
Relief	107.00 m
Drainage density	8.6300 km/km ²
Length of overland flow	57.937 m

CATCHMENT CLIMATOLOGY

