

Talsara Dam

Location	22.3458° N, 84.1161° E
State	Odisha
Nearest City	Sundergarh
Year of Completion	1984
Operated and Maintained by	Odisha Water Resources Department
River Basin	Mahanadi
River	Badabandha
Dam Type	Earthfill Embankment
Height above lowest foundation level	25.8 m
Dam length	1095.0 m
Reservoir Area	3510000.0 m ²
Gross storage capacity	19850000.0 m ³
Effective storage capacity	16650000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	95.9 km ²
Perimeter of catchment	43.0 km
Basin Length	14582.0 m
Form factor	0.45107
Circularity ratio	0.65208
Elongation ratio	0.75758
Highest Stream order	6
Max elevation	580.0 m
Min elevation	275.0 m
Mean bifurcation ratio	2.1987
Stream frequency	77.0000 per km ²
Relief	305.00 m
Drainage density	10.4710 km/km ²
Length of overland flow	47.752 m

CATCHMENT CLIMATOLOGY

