

Salandi Dam

Location	21.2883° N, 86.2953° E
State	Odisha
Nearest City	Anandpur
Year of Completion	1976
Operated and Maintained by	Odisha Water Resources Department
River Basin	Brahmani
River	Salandi
Dam Type	Composite Concrete and Masonry
Height above lowest foundation level	51.8 m
Dam length	177.4 m
Reservoir Area	31820000.0 m ²
Gross storage capacity	601000000.0 m ³
Effective storage capacity	556500000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	682.6 km ²
Perimeter of catchment	142.2 km
Basin Length	42494.0 m
Form factor	0.37804
Circularity ratio	0.42411
Elongation ratio	0.69355
Highest Stream order	8
Max elevation	1036.0 m
Min elevation	42.0 m
Mean bifurcation ratio	2.6823
Stream frequency	83.2120 per km ²
Relief	994.00 m
Drainage density	12.1090 km/km ²
Length of overland flow	41.293 m

CATCHMENT CLIMATOLOGY

