

Sanasialinai Dam

Location	21.9847° N, 86.1719° E
State	Odisha
Nearest City	Panchpir
Year of Completion	1975
Operated and Maintained by	Odisha Water Resources Department
River Basin	Brahmani
River	Sansiali
Dam Type	Earthfill Embankment
Height above lowest foundation level	16.8 m
Dam length	634.7 m
Reservoir Area	376000.0 m ²
Gross storage capacity	1870000.0 m ³
Effective storage capacity	1700000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	8.0 km ²
Perimeter of catchment	11.5 km
Basin Length	4031.3 m
Form factor	0.49531
Circularity ratio	0.76944
Elongation ratio	0.79386
Highest Stream order	5
Max elevation	822.0 m
Min elevation	438.0 m
Mean bifurcation ratio	4.0452
Stream frequency	87.3350 per km ²
Relief	384.00 m
Drainage density	12.5010 km/km ²
Length of overland flow	39.995 m

CATCHMENT CLIMATOLOGY

