

Runugaon Dam

Location	22.2894° N, 84.2597° E
State	Odisha
Nearest City	Sundergarh
Year of Completion	1986
Operated and Maintained by	Odisha Water Resources Department
River Basin	Mahanadi
River	Sapai
Dam Type	Other
Height above lowest foundation level	14.4 m
Dam length	947.0 m
Reservoir Area	218000.0 m ²
Gross storage capacity	430000.0 m ³
Effective storage capacity	430000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	7.2 km ²
Perimeter of catchment	12.4 km
Basin Length	4103.6 m
Form factor	0.42850
Circularity ratio	0.59013
Elongation ratio	0.73839
Highest Stream order	5
Max elevation	470.0 m
Min elevation	288.0 m
Mean bifurcation ratio	2.7796
Stream frequency	80.2410 per km ²
Relief	182.00 m
Drainage density	10.7420 km/km ²
Length of overland flow	46.548 m

CATCHMENT CLIMATOLOGY

