

## Panaspal Dam

Location	20.8694° N, 85.3258° E
State	Odisha
Nearest City	Kamakhyanagar
Year of Completion	1968
Operated and Maintained by	Odisha Water Resources Department
River Basin	Brahmani
River	Panaspal Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	17.5 m
Dam length	914.0 m
Reservoir Area	232000.0 m <sup>2</sup>
Gross storage capacity	1493000.0 m <sup>3</sup>
Effective storage capacity	1220000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	4.0 km <sup>2</sup>
Perimeter of catchment	8.3 km
Basin Length	2848.6 m
Form factor	0.49014
Circularity ratio	0.72923
Elongation ratio	0.78972
Highest Stream order	4
Max elevation	90.0 m
Min elevation	60.0 m
Mean bifurcation ratio	2.3416
Stream frequency	83.2220 per km <sup>2</sup>
Relief	30.00 m
Drainage density	11.3970 km/km <sup>2</sup>
Length of overland flow	43.870 m

## CATCHMENT CLIMATOLOGY

