

Paniyajob Dam

Location	21.2089° N, 80.6667° E
State	Chhattisgarh
Nearest City	Dongaragarh
Year of Completion	1985
Operated and Maintained by	Chhattisgarh Water Resources Department
River Basin	Mahanadi
River	Dhardhara
Dam Type	Earthfill Embankment
Height above lowest foundation level	19.5 m
Dam length	1220.0 m
Reservoir Area	137000.0 m ²
Gross storage capacity	6580000.0 m ³
Effective storage capacity	6110000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	17.9 km ²
Perimeter of catchment	21.7 km
Basin Length	6429.5 m
Form factor	0.43242
Circularity ratio	0.47689
Elongation ratio	0.74176
Highest Stream order	5
Max elevation	646.0 m
Min elevation	378.0 m
Mean bifurcation ratio	2.8521
Stream frequency	80.5560 per km ²
Relief	268.00 m
Drainage density	11.1090 km/km ²
Length of overland flow	45.009 m

CATCHMENT CLIMATOLOGY

