

Dudhawa Dam

Location	20.3092° N, 81.7628° E
State	Chhattisgarh
Nearest City	Kanker
Year of Completion	1965
Operated and Maintained by	Chhattisgarh Water Resources Department
River Basin	Mahanadi
River	Mahanadi River
Dam Type	Earthfill Embankment
Height above lowest foundation level	30.5 m
Dam length	2907.0 m
Reservoir Area	44868000.0 m ²
Gross storage capacity	288680000.0 m ³
Effective storage capacity	284120000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	693.3 km ²
Perimeter of catchment	142.3 km
Basin Length	32345.0 m
Form factor	0.66271
Circularity ratio	0.43022
Elongation ratio	0.91827
Highest Stream order	8
Max elevation	796.0 m
Min elevation	389.0 m
Mean bifurcation ratio	43.3510
Stream frequency	73.0010 per km ²
Relief	407.00 m
Drainage density	9.9130 km/km ²
Length of overland flow	50.437 m

CATCHMENT CLIMATOLOGY

