

Maniyari Dam

Location	22.3928° N, 81.5947° E
State	Chhattisgarh
Nearest City	Mungeli
Year of Completion	1930
Operated and Maintained by	Chhattisgarh Water Resources Department
River Basin	Mahanadi
River	Maniyari
Dam Type	Earthfill Embankment
Height above lowest foundation level	29.0 m
Dam length	2095.0 m
Reservoir Area	25270000.0 m ²
Gross storage capacity	151290000.0 m ³
Effective storage capacity	147720000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	728.6 km ²
Perimeter of catchment	141.5 km
Basin Length	39013.0 m
Form factor	0.47871
Circularity ratio	0.45764
Elongation ratio	0.78045
Highest Stream order	8
Max elevation	1046.0 m
Min elevation	343.0 m
Mean bifurcation ratio	2.2389
Stream frequency	77.8510 per km ²
Relief	703.00 m
Drainage density	10.7690 km/km ²
Length of overland flow	46.429 m

CATCHMENT CLIMATOLOGY

