

Durgawati Dam

Location	24.8461° N, 83.7231° E
State	Bihar
Nearest City	Bhabua
Year of Completion	2014
Operated and Maintained by	Bihar Water Resources Department
River Basin	Ganga
River	Durgawati.
Dam Type	Earthfill Embankment
Height above lowest foundation level	46.3 m
Dam length	1615.4 m
Reservoir Area	23413000.0 m ²
Gross storage capacity	287700000.0 m ³
Effective storage capacity	257500000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	550.0 km ²
Perimeter of catchment	121.6 km
Basin Length	33580.0 m
Form factor	0.48772
Circularity ratio	0.46749
Elongation ratio	0.78776
Highest Stream order	8
Max elevation	638.0 m
Min elevation	96.0 m
Mean bifurcation ratio	2.2815
Stream frequency	85.2320 per km ²
Relief	542.00 m
Drainage density	12.1710 km/km ²
Length of overland flow	41.082 m

CATCHMENT CLIMATOLOGY

