

Chandraprabha Dam

Location	24.9317° N, 83.1736° E
State	Uttar Pradesh
Nearest City	Chakia
Year of Completion	1966
Operated and Maintained by	Uttar Pradesh Irrigation and Water Resources Department
River Basin	Ganga
River	Chandra Prabha
Dam Type	Earthfill Embankment
Height above lowest foundation level	22.3 m
Dam length	1600.0 m
Reservoir Area	53364000.0 m ²
Gross storage capacity	113257000.0 m ³
Effective storage capacity	93445000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	289.6 km ²
Perimeter of catchment	85.0 km
Basin Length	24551.0 m
Form factor	0.48050
Circularity ratio	0.50337
Elongation ratio	0.78191
Highest Stream order	7
Max elevation	359.0 m
Min elevation	222.0 m
Mean bifurcation ratio	2.2409
Stream frequency	79.0470 per km ²
Relief	137.00 m
Drainage density	10.8520 km/km ²
Length of overland flow	46.075 m

CATCHMENT CLIMATOLOGY

