

Chandrawal Dam

Location	25.4472° N, 79.8958° E
State	Uttar Pradesh
Nearest City	Charkhari
Year of Completion	1973
Operated and Maintained by	Uttar Pradesh Irrigation and Water Resources Department
River Basin	Ganga
River	Chandrawal
Dam Type	Earthfill Embankment
Height above lowest foundation level	10.0 m
Dam length	5765.0 m
Reservoir Area	119200000.0 m ²
Gross storage capacity	34731000.0 m ³
Effective storage capacity	30665000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	8.3 km ²
Perimeter of catchment	12.5 km
Basin Length	4980.3 m
Form factor	0.33413
Circularity ratio	0.67181
Elongation ratio	0.65203
Highest Stream order	5
Max elevation	165.0 m
Min elevation	139.0 m
Mean bifurcation ratio	2.9926
Stream frequency	82.2930 per km ²
Relief	26.00 m
Drainage density	11.3810 km/km ²
Length of overland flow	43.933 m

CATCHMENT CLIMATOLOGY

