

Sarda Sagar Dam

Location	28.7833° N, 80.0897° E
State	Uttar Pradesh
Nearest City	Pilibhit
Year of Completion	1962
Operated and Maintained by	Uttar Pradesh Irrigation and Water Resources Department
River Basin	Ganga
River	Chauba
Dam Type	Earthfill Embankment
Height above lowest foundation level	16.1 m
Dam length	22200.0 m
Reservoir Area	57650000.0 m ²
Gross storage capacity	406260000.0 m ³
Effective storage capacity	330100000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	85.5 km ²
Perimeter of catchment	52.5 km
Basin Length	18158.0 m
Form factor	0.25939
Circularity ratio	0.38992
Elongation ratio	0.57450
Highest Stream order	7
Max elevation	233.0 m
Min elevation	164.0 m
Mean bifurcation ratio	2.9235
Stream frequency	92.3750 per km ²
Relief	69.00 m
Drainage density	13.4910 km/km ²
Length of overland flow	37.061 m

CATCHMENT CLIMATOLOGY

