

Adwa Dam

Location	24.7858° N, 82.3125° E
State	Uttar Pradesh
Nearest City	Mirzapur
Year of Completion	1978
Operated and Maintained by	Uttar Pradesh Irrigation and Water Resources Department
River Basin	Ganga
River	Adwa
Dam Type	Earthfill Embankment
Height above lowest foundation level	20.5 m
Dam length	7906.0 m
Reservoir Area	166700000.0 m ²
Gross storage capacity	88100000.0 m ³
Effective storage capacity	83700000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	657.4 km ²
Perimeter of catchment	191.6 km
Basin Length	54633.0 m
Form factor	0.22026
Circularity ratio	0.22522
Elongation ratio	0.52939
Highest Stream order	8
Max elevation	518.0 m
Min elevation	165.0 m
Mean bifurcation ratio	10.0460
Stream frequency	81.1810 per km ²
Relief	353.00 m
Drainage density	11.3860 km/km ²
Length of overland flow	43.915 m

CATCHMENT CLIMATOLOGY

