

Sapehara Dam

Location	24.9953° N, 82.6067° E
State	Uttar Pradesh
Nearest City	Mirzapur
Year of Completion	Not Available
Operated and Maintained by	Uttar Pradesh Irrigation and Water Resources Department
River Basin	Ganga
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	15.4 m
Dam length	1620.0 m
Reservoir Area	2223440.0 m ²
Gross storage capacity	7932000.0 m ³
Effective storage capacity	7847000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	57.2 km ²
Perimeter of catchment	35.6 km
Basin Length	12135.0 m
Form factor	0.38815
Circularity ratio	0.56729
Elongation ratio	0.70277
Highest Stream order	6
Max elevation	264.0 m
Min elevation	143.0 m
Mean bifurcation ratio	2.3474
Stream frequency	77.3300 per km ²
Relief	121.00 m
Drainage density	10.3320 km/km ²
Length of overland flow	48.391 m

CATCHMENT CLIMATOLOGY

