

Saprar Dam

Location	25.2089° N, 79.0994° E
State	Uttar Pradesh
Nearest City	Jhansi
Year of Completion	1952
Operated and Maintained by	Uttar Pradesh Irrigation and Water Resources Department
River Basin	Ganga
River	Saprar
Dam Type	Earthfill Embankment
Height above lowest foundation level	16.8 m
Dam length	3000.0 m
Reservoir Area	200500000.0 m ²
Gross storage capacity	76200000.0 m ³
Effective storage capacity	65700000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	7.2 km ²
Perimeter of catchment	11.2 km
Basin Length	3522.4 m
Form factor	0.58376
Circularity ratio	0.72343
Elongation ratio	0.86184
Highest Stream order	4
Max elevation	308.0 m
Min elevation	204.0 m
Mean bifurcation ratio	2.6444
Stream frequency	83.6680 per km ²
Relief	104.00 m
Drainage density	11.8430 km/km ²
Length of overland flow	42.221 m

CATCHMENT CLIMATOLOGY

