

Sijar Dam

Location	25.4269° N, 78.5050° E
State	Uttar Pradesh
Nearest City	Jhansi
Year of Completion	Not Available
Operated and Maintained by	Uttar Pradesh Irrigation and Water Resources Department
River Basin	Ganga
River	Sijar
Dam Type	Earthfill Embankment
Height above lowest foundation level	13.8 m
Dam length	1900.0 m
Reservoir Area	22500000.0 m ²
Gross storage capacity	55850000.0 m ³
Effective storage capacity	54800000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	215.5 km ²
Perimeter of catchment	74.3 km
Basin Length	27526.0 m
Form factor	0.28438
Circularity ratio	0.49033
Elongation ratio	0.60153
Highest Stream order	7
Max elevation	349.0 m
Min elevation	237.0 m
Mean bifurcation ratio	6.0172
Stream frequency	69.4320 per km ²
Relief	112.00 m
Drainage density	8.8300 km/km ²
Length of overland flow	56.625 m

CATCHMENT CLIMATOLOGY

