

Saran Kheri Dam

Location	24.4669° N, 76.1450° E
State	Rajasthan
Nearest City	Jhalra Patan
Year of Completion	1983
Operated and Maintained by	Rajasthan Water Resources Department
River Basin	Ganga
River	Jahugiya
Dam Type	Earthfill Embankment
Height above lowest foundation level	14.8 m
Dam length	1143.0 m
Reservoir Area	2020000.0 m ²
Gross storage capacity	6230000.0 m ³
Effective storage capacity	5720000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	35.4 km ²
Perimeter of catchment	25.7 km
Basin Length	8696.8 m
Form factor	0.46817
Circularity ratio	0.67252
Elongation ratio	0.77181
Highest Stream order	6
Max elevation	405.0 m
Min elevation	325.0 m
Mean bifurcation ratio	2.5773
Stream frequency	71.2520 per km ²
Relief	80.00 m
Drainage density	9.1690 km/km ²
Length of overland flow	54.532 m

CATCHMENT CLIMATOLOGY

