

Sanwariya Sarowar Dam

Location	24.5861° N, 74.4011° E
State	Rajasthan
Nearest City	Dungla
Year of Completion	1997
Operated and Maintained by	Rajasthan Water Resources Department
River Basin	Ganga
River	Erau
Dam Type	Earthfill Embankment
Height above lowest foundation level	11.1 m
Dam length	2362.0 m
Reservoir Area	3024000.0 m ²
Gross storage capacity	5180000.0 m ³
Effective storage capacity	3140000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	19.3 km ²
Perimeter of catchment	20.6 km
Basin Length	6228.3 m
Form factor	0.49651
Circularity ratio	0.56876
Elongation ratio	0.79483
Highest Stream order	6
Max elevation	482.0 m
Min elevation	448.0 m
Mean bifurcation ratio	2.8259
Stream frequency	74.4000 per km ²
Relief	34.00 m
Drainage density	9.7560 km/km ²
Length of overland flow	51.250 m

CATCHMENT CLIMATOLOGY

