

Umed Sagar Dam

Location	25.2006° N, 76.7569° E
State	Rajasthan
Nearest City	Kishanganj.
Year of Completion	1917
Operated and Maintained by	Rajasthan Water Resources Department
River Basin	Ganga
River	Khari
Dam Type	Earthfill Embankment
Height above lowest foundation level	10.7 m
Dam length	4800.0 m
Reservoir Area	11655000.0 m ²
Gross storage capacity	18600000.0 m ³
Effective storage capacity	17772000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	1.6 km ²
Perimeter of catchment	6.2 km
Basin Length	1702.6 m
Form factor	0.55461
Circularity ratio	0.52938
Elongation ratio	0.84005
Highest Stream order	3
Max elevation	293.0 m
Min elevation	281.0 m
Mean bifurcation ratio	4.1429
Stream frequency	96.4120 per km ²
Relief	12.00 m
Drainage density	13.9780 km/km ²
Length of overland flow	35.770 m

CATCHMENT CLIMATOLOGY

