

Udai Sagar Dam

Location	24.5783° N, 73.8228° E
State	Rajasthan
Nearest City	Girwa
Year of Completion	1585
Operated and Maintained by	Rajasthan Water Resources Department
River Basin	Ganga
River	Berach
Dam Type	Other
Height above lowest foundation level	24.4 m
Dam length	315.0 m
Reservoir Area	7700000.0 m ²
Gross storage capacity	31140000.0 m ³
Effective storage capacity	27590000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	635.9 km ²
Perimeter of catchment	152.4 km
Basin Length	38349.0 m
Form factor	0.43239
Circularity ratio	0.34427
Elongation ratio	0.74173
Highest Stream order	8
Max elevation	1039.0 m
Min elevation	520.0 m
Mean bifurcation ratio	2.3416
Stream frequency	77.9630 per km ²
Relief	519.00 m
Drainage density	10.6120 km/km ²
Length of overland flow	47.116 m

CATCHMENT CLIMATOLOGY

