

Kukas Dam

Location	27.0339° N, 75.8871° E
State	Rajasthan
Nearest City	Jaipur
Year of Completion	1901
Operated and Maintained by	Rajasthan Water Resources Department
River Basin	Ganga
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	13.0 m
Dam length	480.0 m
Reservoir Area	1509.0 m ²
Gross storage capacity	43750000.0 m ³
Effective storage capacity	4375000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	77.1 km ²
Perimeter of catchment	49.5 km
Basin Length	12943.0 m
Form factor	0.46018
Circularity ratio	0.39470
Elongation ratio	0.76520
Highest Stream order	6
Max elevation	635.0 m
Min elevation	393.0 m
Mean bifurcation ratio	2.2900
Stream frequency	79.4770 per km ²
Relief	242.00 m
Drainage density	10.5790 km/km ²
Length of overland flow	47.264 m

CATCHMENT CLIMATOLOGY

