

Kalyanpur Dam

Location	23.7658° N, 77.3272° E
State	Madhya Pradesh
Nearest City	Berasia
Year of Completion	1985
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Ganga
River	Mawal
Dam Type	Earthfill Embankment
Height above lowest foundation level	11.2 m
Dam length	690.0 m
Reservoir Area	405000.0 m ²
Gross storage capacity	802000.0 m ³
Effective storage capacity	642000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	11.7 km ²
Perimeter of catchment	15.3 km
Basin Length	4832.4 m
Form factor	0.50031
Circularity ratio	0.62789
Elongation ratio	0.79786
Highest Stream order	6
Max elevation	561.0 m
Min elevation	470.0 m
Mean bifurcation ratio	3.4996
Stream frequency	86.2760 per km ²
Relief	91.00 m
Drainage density	12.1710 km/km ²
Length of overland flow	41.080 m

CATCHMENT CLIMATOLOGY

