

Keolari Dam

Location	25.3114° N, 79.3672° E
State	Uttar Pradesh
Nearest City	Hamirpur.
Year of Completion	1966
Operated and Maintained by	Uttar Pradesh Irrigation and Water Resources Department
River Basin	Ganga
River	Keolari
Dam Type	Earthfill Embankment
Height above lowest foundation level	11.7 m
Dam length	23000.0 m
Reservoir Area	25667000.0 m ²
Gross storage capacity	7570000.0 m ³
Effective storage capacity	7230000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	48.0 km ²
Perimeter of catchment	34.1 km
Basin Length	12069.0 m
Form factor	0.32937
Circularity ratio	0.51939
Elongation ratio	0.64737
Highest Stream order	6
Max elevation	273.0 m
Min elevation	180.0 m
Mean bifurcation ratio	2.0830
Stream frequency	68.0110 per km ²
Relief	93.00 m
Drainage density	8.4620 km/km ²
Length of overland flow	59.090 m

CATCHMENT CLIMATOLOGY

