

Kabrai Dam

Location	25.4086° N, 79.9731° E
State	Uttar Pradesh
Nearest City	Mahoba
Year of Completion	1955
Operated and Maintained by	Uttar Pradesh Irrigation and Water Resources Department
River Basin	Ganga
River	Magaria
Dam Type	Earthfill Embankment
Height above lowest foundation level	18.2 m
Dam length	2440.0 m
Reservoir Area	50500000.0 m ²
Gross storage capacity	14617000.0 m ³
Effective storage capacity	11944000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	121.8 km ²
Perimeter of catchment	62.3 km
Basin Length	22699.0 m
Form factor	0.23633
Circularity ratio	0.39382
Elongation ratio	0.54836
Highest Stream order	7
Max elevation	276.0 m
Min elevation	141.0 m
Mean bifurcation ratio	33.0210
Stream frequency	73.8320 per km ²
Relief	135.00 m
Drainage density	9.7410 km/km ²
Length of overland flow	51.332 m

CATCHMENT CLIMATOLOGY

