

## Bassi Dam

Location	25.0317° N, 74.8228° E
State	Rajasthan
Nearest City	Gangrar
Year of Completion	1986
Operated and Maintained by	Rajasthan Water Resources Department
River Basin	Ganga
River	Col Nala
Dam Type	Earthfill Embankment
Height above lowest foundation level	36.0 m
Dam length	1044.0 m
Reservoir Area	2800000.0 m <sup>2</sup>
Gross storage capacity	23200000.0 m <sup>3</sup>
Effective storage capacity	20240000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	440.1 km <sup>2</sup>
Perimeter of catchment	141.0 km
Basin Length	40352.0 m
Form factor	0.27030
Circularity ratio	0.27843
Elongation ratio	0.58645
Highest Stream order	7
Max elevation	603.0 m
Min elevation	388.0 m
Mean bifurcation ratio	2.2928
Stream frequency	85.5890 per km <sup>2</sup>
Relief	215.00 m
Drainage density	12.2730 km/km <sup>2</sup>
Length of overland flow	40.741 m

## CATCHMENT CLIMATOLOGY

