

## Gulandi Dam

Location	24.3686° N, 76.5817° E
State	Rajasthan
Nearest City	Aklera
Year of Completion	Not Available
Operated and Maintained by	Rajasthan Water Resources Department
River Basin	Ganga
River	Gulandi
Dam Type	Earthfill Embankment
Height above lowest foundation level	17.1 m
Dam length	2220.0 m
Reservoir Area	5560000.0 m <sup>2</sup>
Gross storage capacity	13370000.0 m <sup>3</sup>
Effective storage capacity	9310000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	79.8 km <sup>2</sup>
Perimeter of catchment	43.2 km
Basin Length	13858.0 m
Form factor	0.41573
Circularity ratio	0.53676
Elongation ratio	0.72730
Highest Stream order	6
Max elevation	464.0 m
Min elevation	318.0 m
Mean bifurcation ratio	2.2220
Stream frequency	76.5810 per km <sup>2</sup>
Relief	146.00 m
Drainage density	10.3520 km/km <sup>2</sup>
Length of overland flow	48.301 m

## CATCHMENT CLIMATOLOGY

