

## Navratan Sagar Dam

Location	25.5178° N, 75.3422° E
State	Rajasthan
Nearest City	Jahazpur
Year of Completion	2000
Operated and Maintained by	Rajasthan Water Resources Department
River Basin	Ganga
River	Local Nallah
Dam Type	Earthfill Embankment
Height above lowest foundation level	13.3 m
Dam length	1160.0 m
Reservoir Area	6382000.0 m <sup>2</sup>
Gross storage capacity	2270000.0 m <sup>3</sup>
Effective storage capacity	2040000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	32.6 km <sup>2</sup>
Perimeter of catchment	26.6 km
Basin Length	7311.6 m
Form factor	0.61067
Circularity ratio	0.58083
Elongation ratio	0.88148
Highest Stream order	6
Max elevation	429.0 m
Min elevation	318.0 m
Mean bifurcation ratio	2.5639
Stream frequency	74.8340 per km <sup>2</sup>
Relief	111.00 m
Drainage density	9.6780 km/km <sup>2</sup>
Length of overland flow	51.665 m

## CATCHMENT CLIMATOLOGY

