

## Nagdi Dam

Location	25.6156° N, 75.2856° E
State	Rajasthan
Nearest City	Jahazpur
Year of Completion	1959
Operated and Maintained by	Rajasthan Water Resources Department
River Basin	Ganga
River	Nagdi
Dam Type	Earthfill Embankment
Height above lowest foundation level	15.1 m
Dam length	1165.0 m
Reservoir Area	1602000.0 m <sup>2</sup>
Gross storage capacity	5150000.0 m <sup>3</sup>
Effective storage capacity	5090000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	35.0 km <sup>2</sup>
Perimeter of catchment	30.9 km
Basin Length	7368.0 m
Form factor	0.64386
Circularity ratio	0.46143
Elongation ratio	0.90511
Highest Stream order	6
Max elevation	444.0 m
Min elevation	335.0 m
Mean bifurcation ratio	2.3085
Stream frequency	73.4410 per km <sup>2</sup>
Relief	109.00 m
Drainage density	9.4730 km/km <sup>2</sup>
Length of overland flow	52.782 m

## CATCHMENT CLIMATOLOGY

