

## Dhanta Dam

Location	24.7997° N, 72.8147° E
State	Rajasthan
Nearest City	Sirohi
Year of Completion	1965
Operated and Maintained by	Rajasthan Water Resources Department
River Basin	Sabarmati
River	Krishnawati
Dam Type	Earthfill Embankment
Height above lowest foundation level	15.5 m
Dam length	425.0 m
Reservoir Area	1760000.0 m <sup>2</sup>
Gross storage capacity	7850000.0 m <sup>3</sup>
Effective storage capacity	7460000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	44.4 km <sup>2</sup>
Perimeter of catchment	37.7 km
Basin Length	13106.0 m
Form factor	0.25867
Circularity ratio	0.39286
Elongation ratio	0.57370
Highest Stream order	6
Max elevation	1338.0 m
Min elevation	322.0 m
Mean bifurcation ratio	27.4260
Stream frequency	84.5750 per km <sup>2</sup>
Relief	1016.00 m
Drainage density	11.8910 km/km <sup>2</sup>
Length of overland flow	42.047 m

## CATCHMENT CLIMATOLOGY

