

Bishan Samand Dam

Location	26.8256° N, 76.8294° E
State	Rajasthan
Nearest City	Sambalpur
Year of Completion	Not Available
Operated and Maintained by	Rajasthan Water Resources Department
River Basin	Ganga
River	Gambhir
Dam Type	Earthfill Embankment
Height above lowest foundation level	11.1 m
Dam length	122.0 m
Reservoir Area	3040000.0 m ²
Gross storage capacity	115500000.0 m ³
Effective storage capacity	11550000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	51.5 km ²
Perimeter of catchment	40.3 km
Basin Length	10800.0 m
Form factor	0.44165
Circularity ratio	0.39939
Elongation ratio	0.74963
Highest Stream order	6
Max elevation	430.0 m
Min elevation	233.0 m
Mean bifurcation ratio	2.2749
Stream frequency	80.9640 per km ²
Relief	197.00 m
Drainage density	10.9710 km/km ²
Length of overland flow	45.575 m

CATCHMENT CLIMATOLOGY

