

Buchara Dam

Location	27.5908° N, 75.9686° E
State	Rajasthan
Nearest City	Kot-Putli
Year of Completion	1889
Operated and Maintained by	Rajasthan Water Resources Department
River Basin	Ganga
River	Sabi
Dam Type	Earthfill Embankment
Height above lowest foundation level	19.0 m
Dam length	1297.0 m
Reservoir Area	12200000.0 m ²
Gross storage capacity	16360000.0 m ³
Effective storage capacity	16360000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	303.4 km ²
Perimeter of catchment	103.9 km
Basin Length	28573.0 m
Form factor	0.37167
Circularity ratio	0.35331
Elongation ratio	0.68768
Highest Stream order	7
Max elevation	778.0 m
Min elevation	397.0 m
Mean bifurcation ratio	6.4291
Stream frequency	77.6510 per km ²
Relief	381.00 m
Drainage density	10.2110 km/km ²
Length of overland flow	48.968 m

CATCHMENT CLIMATOLOGY

