

Basundni Dam

Location	25.7169° N, 75.1086° E
State	Rajasthan
Nearest City	Kekri
Year of Completion	1981
Operated and Maintained by	Rajasthan Water Resources Department
River Basin	Ganga
River	Khari
Dam Type	Earthfill Embankment
Height above lowest foundation level	15.6 m
Dam length	6615.0 m
Reservoir Area	11420000.0 m ²
Gross storage capacity	7780000.0 m ³
Effective storage capacity	7210000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	639.7 km ²
Perimeter of catchment	155.8 km
Basin Length	60888.0 m
Form factor	0.17254
Circularity ratio	0.33145
Elongation ratio	0.46855
Highest Stream order	8
Max elevation	551.0 m
Min elevation	332.0 m
Mean bifurcation ratio	2.9924
Stream frequency	69.7050 per km ²
Relief	219.00 m
Drainage density	8.7230 km/km ²
Length of overland flow	57.319 m

CATCHMENT CLIMATOLOGY

