

Lassaria Dam

Location	26.0483° N, 75.1814° E
State	Rajasthan
Nearest City	Sarwar
Year of Completion	1981
Operated and Maintained by	Rajasthan Water Resources Department
River Basin	Ganga
River	Dai
Dam Type	Earthfill Embankment
Height above lowest foundation level	20.1 m
Dam length	4325.0 m
Reservoir Area	2640000.0 m ²
Gross storage capacity	11490000.0 m ³
Effective storage capacity	10650000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	2351.5 km ²
Perimeter of catchment	258.8 km
Basin Length	78774.0 m
Form factor	0.37894
Circularity ratio	0.44144
Elongation ratio	0.69438
Highest Stream order	9
Max elevation	725.0 m
Min elevation	325.0 m
Mean bifurcation ratio	2.2049
Stream frequency	68.5230 per km ²
Relief	400.00 m
Drainage density	8.5750 km/km ²
Length of overland flow	58.310 m

CATCHMENT CLIMATOLOGY

