

Berach/Vallabh Nagar Dam

Location	24.6556° N, 73.9883° E
State	Rajasthan
Nearest City	Udaipur
Year of Completion	1967
Operated and Maintained by	Rajasthan Water Resources Department
River Basin	Ganga
River	Berach
Dam Type	Earthfill Embankment
Height above lowest foundation level	22.2 m
Dam length	5822.0 m
Reservoir Area	5500000.0 m ²
Gross storage capacity	30460000.0 m ³
Effective storage capacity	28780000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	1210.6 km ²
Perimeter of catchment	193.6 km
Basin Length	51970.0 m
Form factor	0.44824
Circularity ratio	0.40607
Elongation ratio	0.75521
Highest Stream order	8
Max elevation	1039.0 m
Min elevation	483.0 m
Mean bifurcation ratio	2.2273
Stream frequency	75.6670 per km ²
Relief	556.00 m
Drainage density	10.1560 km/km ²
Length of overland flow	49.233 m

CATCHMENT CLIMATOLOGY

