

Ruparel Dam

Location	25.0592° N, 74.9506° E
State	Rajasthan
Nearest City	Begun
Year of Completion	2004
Operated and Maintained by	Rajasthan Water Resources Department
River Basin	Ganga
River	Ruparel
Dam Type	Earthfill Embankment
Height above lowest foundation level	16.4 m
Dam length	955.0 m
Reservoir Area	1950000.0 m ²
Gross storage capacity	9710000.0 m ³
Effective storage capacity	8740000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	55.5 km ²
Perimeter of catchment	35.7 km
Basin Length	13566.0 m
Form factor	0.30135
Circularity ratio	0.54627
Elongation ratio	0.61922
Highest Stream order	6
Max elevation	558.0 m
Min elevation	406.0 m
Mean bifurcation ratio	2.5101
Stream frequency	83.8660 per km ²
Relief	152.00 m
Drainage density	11.6080 km/km ²
Length of overland flow	43.074 m

CATCHMENT CLIMATOLOGY

