

Raipur Luni Dam

Location	26.0233° N, 74.0644° E
State	Rajasthan
Nearest City	Raipur.
Year of Completion	1969
Operated and Maintained by	Rajasthan Water Resources Department
River Basin	Sabarmati
River	Raipur Luni
Dam Type	Earthfill Embankment
Height above lowest foundation level	11.0 m
Dam length	522.0 m
Reservoir Area	3550000.0 m ²
Gross storage capacity	12552000.0 m ³
Effective storage capacity	10960000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	438.0 km ²
Perimeter of catchment	107.5 km
Basin Length	27236.0 m
Form factor	0.59050
Circularity ratio	0.47611
Elongation ratio	0.86680
Highest Stream order	8
Max elevation	709.0 m
Min elevation	335.0 m
Mean bifurcation ratio	2.1644
Stream frequency	75.2640 per km ²
Relief	374.00 m
Drainage density	9.8910 km/km ²
Length of overland flow	50.550 m

CATCHMENT CLIMATOLOGY

