

Rojki Dam

Location	21.2292° N, 71.6786° E
State	Gujarat
Nearest City	Mahuva
Year of Completion	1965
Operated and Maintained by	Gujarat Engineering Research Institute
River Basin	Sabarmati
River	Rojki
Dam Type	Other
Height above lowest foundation level	24.5 m
Dam length	1627.0 m
Reservoir Area	1970000.0 m ²
Gross storage capacity	12000000.0 m ³
Effective storage capacity	8270000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	90.8 km ²
Perimeter of catchment	42.8 km
Basin Length	12405.0 m
Form factor	0.59000
Circularity ratio	0.62438
Elongation ratio	0.86643
Highest Stream order	7
Max elevation	233.0 m
Min elevation	82.0 m
Mean bifurcation ratio	8.2319
Stream frequency	70.3210 per km ²
Relief	151.00 m
Drainage density	9.1650 km/km ²
Length of overland flow	54.558 m

CATCHMENT CLIMATOLOGY

