

## Kui Sagna Dam

Location	24.4656° N, 72.8036° E
State	Rajasthan
Nearest City	Abu Road
Year of Completion	1983
Operated and Maintained by	Rajasthan Water Resources Department
River Basin	Sabarmati
River	West Banas
Dam Type	Earthfill Embankment
Height above lowest foundation level	15.4 m
Dam length	372.0 m
Reservoir Area	299861.0 m <sup>2</sup>
Gross storage capacity	1980000.0 m <sup>3</sup>
Effective storage capacity	1800000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	15.6 km <sup>2</sup>
Perimeter of catchment	18.7 km
Basin Length	6966.6 m
Form factor	0.32133
Circularity ratio	0.55812
Elongation ratio	0.63942
Highest Stream order	5
Max elevation	811.0 m
Min elevation	281.0 m
Mean bifurcation ratio	2.2825
Stream frequency	84.2570 per km <sup>2</sup>
Relief	530.00 m
Drainage density	11.5820 km/km <sup>2</sup>
Length of overland flow	43.172 m

## CATCHMENT CLIMATOLOGY

