

Raidy Dam

Location	20.9842° N, 71.3133° E
State	Gujarat
Nearest City	Rajula
Year of Completion	1995
Operated and Maintained by	Gujarat Engineering Research Institute
River Basin	Sabarmati
River	Raidy
Dam Type	Other
Height above lowest foundation level	14.4 m
Dam length	1540.0 m
Reservoir Area	2110000.0 m ²
Gross storage capacity	6930000.0 m ³
Effective storage capacity	6565000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	145.0 km ²
Perimeter of catchment	56.1 km
Basin Length	18677.0 m
Form factor	0.41560
Circularity ratio	0.57980
Elongation ratio	0.72719
Highest Stream order	6
Max elevation	257.0 m
Min elevation	32.0 m
Mean bifurcation ratio	2.1471
Stream frequency	68.3910 per km ²
Relief	225.00 m
Drainage density	8.8470 km/km ²
Length of overland flow	56.517 m

CATCHMENT CLIMATOLOGY

