

Sheni Dam

Location	21.3214° N, 71.2778° E
State	Gujarat
Nearest City	Savarkundla
Year of Completion	1990
Operated and Maintained by	Gujarat Engineering Research Institute
River Basin	Sabarmati
River	Shena
Dam Type	Earthfill Embankment
Height above lowest foundation level	m
Dam length	m
Reservoir Area	12390000.0 m ²
Gross storage capacity	224000.0 m ³
Effective storage capacity	191000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	14.0 km ²
Perimeter of catchment	15.9 km
Basin Length	5582.3 m
Form factor	0.44796
Circularity ratio	0.69400
Elongation ratio	0.75497
Highest Stream order	5
Max elevation	225.0 m
Min elevation	147.0 m
Mean bifurcation ratio	2.8008
Stream frequency	73.0700 per km ²
Relief	78.00 m
Drainage density	9.3690 km/km ²
Length of overland flow	53.369 m

CATCHMENT CLIMATOLOGY

