

Suravanala Dam

Location	21.3192° N, 71.6744° E
State	Gujarat
Nearest City	Savarkundla
Year of Completion	1976
Operated and Maintained by	Gujarat Engineering Research Institute
River Basin	Sabarmati
River	Surava
Dam Type	Earthfill Embankment
Height above lowest foundation level	m
Dam length	m
Reservoir Area	8000000.0 m ²
Gross storage capacity	370400.0 m ³
Effective storage capacity	345790.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	3.7 km ²
Perimeter of catchment	8.7 km
Basin Length	3167.4 m
Form factor	0.36772
Circularity ratio	0.60821
Elongation ratio	0.68402
Highest Stream order	4
Max elevation	230.0 m
Min elevation	168.0 m
Mean bifurcation ratio	17.0090
Stream frequency	67.4950 per km ²
Relief	62.00 m
Drainage density	8.5120 km/km ²
Length of overland flow	58.743 m

CATCHMENT CLIMATOLOGY

