

Suki Dam

Location	22.9211° N, 74.2333° E
State	Gujarat
Nearest City	Chhotaudepur
Year of Completion	1957
Operated and Maintained by	Gujarat Engineering Research Institute
River Basin	Mahi
River	Suki
Dam Type	Earthfill Embankment
Height above lowest foundation level	20.0 m
Dam length	670.0 m
Reservoir Area	1160000.0 m ²
Gross storage capacity	4036000.0 m ³
Effective storage capacity	3215000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	26.3 km ²
Perimeter of catchment	22.3 km
Basin Length	8364.6 m
Form factor	0.37559
Circularity ratio	0.66138
Elongation ratio	0.69130
Highest Stream order	6
Max elevation	372.0 m
Min elevation	278.0 m
Mean bifurcation ratio	2.3944
Stream frequency	78.5050 per km ²
Relief	94.00 m
Drainage density	10.5940 km/km ²
Length of overland flow	47.196 m

CATCHMENT CLIMATOLOGY

