

Sukhi Dam

Location	22.4397° N, 73.8825° E
State	Gujarat
Nearest City	Pavi
Year of Completion	1987
Operated and Maintained by	Gujarat Engineering Research Institute
River Basin	Narmada
River	Sukhi
Dam Type	Other
Height above lowest foundation level	38.0 m
Dam length	4007.0 m
Reservoir Area	29040000.0 m ²
Gross storage capacity	178470000.0 m ³
Effective storage capacity	167140000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	395.4 km ²
Perimeter of catchment	121.5 km
Basin Length	27184.0 m
Form factor	0.53501
Circularity ratio	0.33657
Elongation ratio	0.82507
Highest Stream order	8
Max elevation	639.0 m
Min elevation	126.0 m
Mean bifurcation ratio	5.3612
Stream frequency	76.8780 per km ²
Relief	513.00 m
Drainage density	10.4890 km/km ²
Length of overland flow	47.669 m

CATCHMENT CLIMATOLOGY

