

Sipu Dam

Location	24.4011° N, 72.3108° E
State	Gujarat
Nearest City	Dhanera
Year of Completion	1990
Operated and Maintained by	Gujarat Engineering Research Institute
River Basin	Sabarmati
River	Sipu
Dam Type	Other
Height above lowest foundation level	38.5 m
Dam length	8200.0 m
Reservoir Area	256800000.0 m ²
Gross storage capacity	177800000.0 m ³
Effective storage capacity	156000000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	25.5 km ²
Perimeter of catchment	28.3 km
Basin Length	11174.0 m
Form factor	0.20457
Circularity ratio	0.39959
Elongation ratio	0.51019
Highest Stream order	5
Max elevation	524.0 m
Min elevation	159.0 m
Mean bifurcation ratio	2.1560
Stream frequency	74.9690 per km ²
Relief	365.00 m
Drainage density	9.7460 km/km ²
Length of overland flow	51.304 m

CATCHMENT CLIMATOLOGY

