

Nyari li Dam

Location	22.3625° N, 70.6708° E
State	Gujarat
Nearest City	Padadhari
Year of Completion	1986
Operated and Maintained by	Gujarat Engineering Research Institute
River Basin	Sabarmati
River	Nyari
Dam Type	Other
Height above lowest foundation level	14.4 m
Dam length	3855.0 m
Reservoir Area	3950000.0 m ²
Gross storage capacity	13000000.0 m ³
Effective storage capacity	11700000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	8.3 km ²
Perimeter of catchment	18.0 km
Basin Length	7937.4 m
Form factor	0.13139
Circularity ratio	0.32126
Elongation ratio	0.40888
Highest Stream order	4
Max elevation	125.0 m
Min elevation	86.0 m
Mean bifurcation ratio	2.3896
Stream frequency	70.9110 per km ²
Relief	39.00 m
Drainage density	8.7930 km/km ²
Length of overland flow	56.863 m

CATCHMENT CLIMATOLOGY

