

Juna Malari Dam

Location	25.1433° N, 73.4361° E
State	Rajasthan
Nearest City	Desuri
Year of Completion	1980
Operated and Maintained by	Rajasthan Water Resources Department
River Basin	Sabarmati
River	Tr. Of Mithi
Dam Type	Earthfill Embankment
Height above lowest foundation level	11.3 m
Dam length	2011.0 m
Reservoir Area	26800000.0 m ²
Gross storage capacity	1760000.0 m ³
Effective storage capacity	1685000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	9.4 km ²
Perimeter of catchment	13.4 km
Basin Length	4396.0 m
Form factor	0.48682
Circularity ratio	0.65992
Elongation ratio	0.78703
Highest Stream order	5
Max elevation	656.0 m
Min elevation	362.0 m
Mean bifurcation ratio	2.3797
Stream frequency	79.2950 per km ²
Relief	294.00 m
Drainage density	10.6440 km/km ²
Length of overland flow	46.977 m

CATCHMENT CLIMATOLOGY

