

Khilawad M.I. Dam

Location	20.9572° N, 71.0153° E
State	Gujarat
Nearest City	Una.
Year of Completion	1975
Operated and Maintained by	Gujarat Engineering Research Institute
River Basin	Sabarmati
River	Jambudi
Dam Type	Earthfill Embankment
Height above lowest foundation level	13.8 m
Dam length	998.0 m
Reservoir Area	860130.0 m ²
Gross storage capacity	281040000.0 m ³
Effective storage capacity	2634900.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	14.6 km ²
Perimeter of catchment	22.3 km
Basin Length	7282.9 m
Form factor	0.27595
Circularity ratio	0.36861
Elongation ratio	0.59255
Highest Stream order	5
Max elevation	227.0 m
Min elevation	81.0 m
Mean bifurcation ratio	2.1110
Stream frequency	76.6580 per km ²
Relief	146.00 m
Drainage density	10.3400 km/km ²
Length of overland flow	48.356 m

CATCHMENT CLIMATOLOGY

Data not available.