

Uben Dam

Location	21.6283° N, 70.6319° E
State	Gujarat
Nearest City	Bhesan
Year of Completion	1992
Operated and Maintained by	Gujarat Engineering Research Institute
River Basin	Sabarmati
River	Uben
Dam Type	Earthfill Embankment
Height above lowest foundation level	18.5 m
Dam length	5020.0 m
Reservoir Area	5000000.0 m ²
Gross storage capacity	16500000.0 m ³
Effective storage capacity	15900000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	114.8 km ²
Perimeter of catchment	56.4 km
Basin Length	19052.0 m
Form factor	0.31620
Circularity ratio	0.45422
Elongation ratio	0.63430
Highest Stream order	6
Max elevation	211.0 m
Min elevation	98.0 m
Mean bifurcation ratio	2.3914
Stream frequency	74.0250 per km ²
Relief	113.00 m
Drainage density	9.9820 km/km ²
Length of overland flow	50.092 m

CATCHMENT CLIMATOLOGY

