

Und I Dam

Location	22.4039° N, 70.4036° E
State	Gujarat
Nearest City	Jamnagar
Year of Completion	1988
Operated and Maintained by	Gujarat Engineering Research Institute
River Basin	Sabarmati
River	Und
Dam Type	Other
Height above lowest foundation level	27.0 m
Dam length	6021.0 m
Reservoir Area	17300000.0 m ²
Gross storage capacity	72500000.0 m ³
Effective storage capacity	65860000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	992.5 km ²
Perimeter of catchment	149.4 km
Basin Length	43529.0 m
Form factor	0.52383
Circularity ratio	0.55913
Elongation ratio	0.81640
Highest Stream order	8
Max elevation	236.0 m
Min elevation	36.0 m
Mean bifurcation ratio	6.3812
Stream frequency	70.1740 per km ²
Relief	200.00 m
Drainage density	9.2000 km/km ²
Length of overland flow	54.346 m

CATCHMENT CLIMATOLOGY

