

Megal Tr Dam

Location	21.1878° N, 70.3617° E
State	Gujarat
Nearest City	Maliya
Year of Completion	1987
Operated and Maintained by	Gujarat Engineering Research Institute
River Basin	Sabarmati
River	Vrajmi
Dam Type	Other
Height above lowest foundation level	19.0 m
Dam length	3411.0 m
Reservoir Area	2488000.0 m ²
Gross storage capacity	6000000.0 m ³
Effective storage capacity	6000000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	89.6 km ²
Perimeter of catchment	46.8 km
Basin Length	15941.0 m
Form factor	0.35241
Circularity ratio	0.51372
Elongation ratio	0.66963
Highest Stream order	7
Max elevation	300.0 m
Min elevation	64.0 m
Mean bifurcation ratio	8.9479
Stream frequency	76.6870 per km ²
Relief	236.00 m
Drainage density	10.5110 km/km ²
Length of overland flow	47.570 m

CATCHMENT CLIMATOLOGY

Data not available.