

Malana-I Dam

Location	32.0361° N, 77.2547° E
State	Himachal Pradesh
Nearest City	Kullu
Year of Completion	2001
Operated and Maintained by	Bhilwara Group
River Basin	Indus
River	Malana
Dam Type	Other
Height above lowest foundation level	18.0 m
Dam length	305.0 m
Reservoir Area	16000.0 m ²
Gross storage capacity	250000.0 m ³
Effective storage capacity	250000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	170.7 km ²
Perimeter of catchment	75.8 km
Basin Length	28858.0 m
Form factor	0.20497
Circularity ratio	0.37358
Elongation ratio	0.51068
Highest Stream order	6
Max elevation	5748.0 m
Min elevation	2347.0 m
Mean bifurcation ratio	2.3445
Stream frequency	107.9700 per km ²
Relief	3401.00 m
Drainage density	16.3420 km/km ²
Length of overland flow	30.596 m

CATCHMENT CLIMATOLOGY

