

Damsal Dam

Location	31.6717° N, 75.9522° E
State	Punjab
Nearest City	Hoshiarpur
Year of Completion	1990
Operated and Maintained by	Punjab Water Resources Department
River Basin	Indus
River	Damsal
Dam Type	Earthfill Embankment
Height above lowest foundation level	26.5 m
Dam length	210.0 m
Reservoir Area	682700.0 m ²
Gross storage capacity	6600000.0 m ³
Effective storage capacity	6250000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	23.3 km ²
Perimeter of catchment	21.2 km
Basin Length	7671.0 m
Form factor	0.39581
Circularity ratio	0.64870
Elongation ratio	0.70966
Highest Stream order	6
Max elevation	621.0 m
Min elevation	393.0 m
Mean bifurcation ratio	5.0700
Stream frequency	77.4550 per km ²
Relief	228.00 m
Drainage density	9.8240 km/km ²
Length of overland flow	50.895 m

CATCHMENT CLIMATOLOGY

