

Perch Dam

Location	30.8164° N, 76.8078° E
State	Punjab
Nearest City	Ropar
Year of Completion	1993
Operated and Maintained by	Punjab Water Resources Department
River Basin	Indus
River	Perch Khad
Dam Type	Earthfill Embankment
Height above lowest foundation level	22.2 m
Dam length	286.8 m
Reservoir Area	347600.0 m ²
Gross storage capacity	1250000.0 m ³
Effective storage capacity	950000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	7.3 km ²
Perimeter of catchment	14.5 km
Basin Length	6125.4 m
Form factor	0.19350
Circularity ratio	0.43530
Elongation ratio	0.49619
Highest Stream order	4
Max elevation	578.0 m
Min elevation	392.0 m
Mean bifurcation ratio	2.9549
Stream frequency	81.4010 per km ²
Relief	186.00 m
Drainage density	10.5120 km/km ²
Length of overland flow	47.564 m

CATCHMENT CLIMATOLOGY

