

Siswan Dam

Location	30.8675° N, 76.7483° E
State	Punjab
Nearest City	Ropar
Year of Completion	1998
Operated and Maintained by	Punjab Water Resources Department
River Basin	Indus
River	Siswan
Dam Type	Earthfill Embankment
Height above lowest foundation level	24.0 m
Dam length	435.0 m
Reservoir Area	862700.0 m ²
Gross storage capacity	4800000.0 m ³
Effective storage capacity	3430000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	16.6 km ²
Perimeter of catchment	17.5 km
Basin Length	6608.5 m
Form factor	0.38052
Circularity ratio	0.67921
Elongation ratio	0.69582
Highest Stream order	5
Max elevation	553.0 m
Min elevation	369.0 m
Mean bifurcation ratio	3.1873
Stream frequency	80.2120 per km ²
Relief	184.00 m
Drainage density	10.4670 km/km ²
Length of overland flow	47.768 m

CATCHMENT CLIMATOLOGY

