

Jainti Dam

Location	30.8142° N, 76.7803° E
State	Punjab
Nearest City	Ropar
Year of Completion	2001
Operated and Maintained by	Punjab Water Resources Department
River Basin	Indus
River	Soonk
Dam Type	Earthfill Embankment
Height above lowest foundation level	19.8 m
Dam length	258.0 m
Reservoir Area	550800.0 m ²
Gross storage capacity	2872000.0 m ³
Effective storage capacity	2617000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	6.7 km ²
Perimeter of catchment	16.6 km
Basin Length	8205.0 m
Form factor	0.09905
Circularity ratio	0.30311
Elongation ratio	0.35500
Highest Stream order	4
Max elevation	586.0 m
Min elevation	371.0 m
Mean bifurcation ratio	2.7767
Stream frequency	81.5820 per km ²
Relief	215.00 m
Drainage density	10.7240 km/km ²
Length of overland flow	46.626 m

CATCHMENT CLIMATOLOGY

