

Patiari Dam

Location	31.5225° N, 76.0650° E
State	Punjab
Nearest City	Hoshiarpur
Year of Completion	2002
Operated and Maintained by	Punjab Water Resources Department
River Basin	Indus
River	Patiari
Dam Type	Earthfill Embankment
Height above lowest foundation level	37.0 m
Dam length	226.0 m
Reservoir Area	451000.0 m ²
Gross storage capacity	3460000.0 m ³
Effective storage capacity	3292000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	12.4 km ²
Perimeter of catchment	14.9 km
Basin Length	5156.4 m
Form factor	0.46660
Circularity ratio	0.70260
Elongation ratio	0.77051
Highest Stream order	5
Max elevation	608.0 m
Min elevation	391.0 m
Mean bifurcation ratio	2.4144
Stream frequency	79.3980 per km ²
Relief	217.00 m
Drainage density	9.9390 km/km ²
Length of overland flow	50.305 m

CATCHMENT CLIMATOLOGY

