

## Thana Dam

Location	31.7856° N, 75.8758° E
State	Punjab
Nearest City	Hoshiarpur
Year of Completion	2008
Operated and Maintained by	Punjab Water Resources Department
River Basin	Indus
River	Khwaja
Dam Type	Earthfill Embankment
Height above lowest foundation level	28.4 m
Dam length	400.0 m
Reservoir Area	432900.0 m <sup>2</sup>
Gross storage capacity	3827000.0 m <sup>3</sup>
Effective storage capacity	3637000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	17.3 km <sup>2</sup>
Perimeter of catchment	19.8 km
Basin Length	7711.7 m
Form factor	0.29132
Circularity ratio	0.55336
Elongation ratio	0.60883
Highest Stream order	5
Max elevation	700.0 m
Min elevation	412.0 m
Mean bifurcation ratio	2.1717
Stream frequency	78.2120 per km <sup>2</sup>
Relief	288.00 m
Drainage density	9.7520 km/km <sup>2</sup>
Length of overland flow	51.273 m

## CATCHMENT CLIMATOLOGY

