

## Parbati Iii (Nhpc) Dam

Location	31.7833° N, 77.3333° E
State	Himachal Pradesh
Nearest City	Behali
Year of Completion	2014
Operated and Maintained by	National Hydroelectric Power Corporation
River Basin	Indus
River	Parbati
Dam Type	CFRD (Concrete Face Rockfill Dam)
Height above lowest foundation level	m
Dam length	m
Reservoir Area	125000.0 m <sup>2</sup>
Gross storage capacity	1668000.0 m <sup>3</sup>
Effective storage capacity	1282500.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	662.9 km <sup>2</sup>
Perimeter of catchment	131.4 km
Basin Length	48135.0 m
Form factor	0.28612
Circularity ratio	0.48246
Elongation ratio	0.60337
Highest Stream order	8
Max elevation	5702.0 m
Min elevation	1308.0 m
Mean bifurcation ratio	2.3695
Stream frequency	107.9200 per km <sup>2</sup>
Relief	4394.00 m
Drainage density	16.4740 km/km <sup>2</sup>
Length of overland flow	30.350 m

## CATCHMENT CLIMATOLOGY

