

## Nathpa Jhakri (Sjvnl) Dam

Location	31.5639° N, 77.9803° E
State	Himachal Pradesh
Nearest City	Nichar
Year of Completion	2004
Operated and Maintained by	Satluj Jal Vidyut Nigam Limited
River Basin	Indus
River	Sutlej
Dam Type	Other
Height above lowest foundation level	67.5 m
Dam length	185.5 m
Reservoir Area	2345000.0 m <sup>2</sup>
Gross storage capacity	3430000.0 m <sup>3</sup>
Effective storage capacity	3030000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	47892.0 km <sup>2</sup>
Perimeter of catchment	2008.2 km
Basin Length	514260.0 m
Form factor	0.18109
Circularity ratio	0.14927
Elongation ratio	0.48002
Highest Stream order	11
Max elevation	6797.0 m
Min elevation	1845.0 m
Mean bifurcation ratio	2.4829
Stream frequency	94.9290 per km <sup>2</sup>
Relief	4952.00 m
Drainage density	13.4820 km/km <sup>2</sup>
Length of overland flow	37.088 m

## CATCHMENT CLIMATOLOGY

