

Luhri (Sjvnl) Dam

Location	31.3611° N, 77.5344° E
State	Himachal Pradesh
Nearest City	Nirath
Year of Completion	Not Available
Operated and Maintained by	Satluj Jal Vidyut Nigam Limited
River Basin	Indus
River	Sutlej
Dam Type	Other
Height above lowest foundation level	80.0 m
Dam length	224.5 m
Reservoir Area	12773000.0 m ²
Gross storage capacity	25200000.0 m ³
Effective storage capacity	6300000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	49743.0 km ²
Perimeter of catchment	2100.4 km
Basin Length	556960.0 m
Form factor	0.16036
Circularity ratio	0.14173
Elongation ratio	0.45170
Highest Stream order	11
Max elevation	6786.0 m
Min elevation	879.0 m
Mean bifurcation ratio	2.3063
Stream frequency	95.2350 per km ²
Relief	5907.00 m
Drainage density	13.5520 km/km ²
Length of overland flow	36.896 m

CATCHMENT CLIMATOLOGY

