

## Gujar Nar Dam

<b>Location</b>	34.0903° N, 74.7856° E
<b>State</b>	Jammu and Kashmir
<b>Nearest City</b>	Srinagar
<b>Year of Completion</b>	1971
<b>Operated and Maintained by</b>	Jammu and Kashmir Water Resources Department
<b>River Basin</b>	Indus
<b>River</b>	Jhelum
<b>Dam Type</b>	Earthfill Embankment
<b>Height above lowest foundation level</b>	18.0 m
<b>Dam length</b>	115.0 m
<b>Reservoir Area</b>	1033263.0 m <sup>2</sup>
<b>Gross storage capacity</b>	12460000.0 m <sup>3</sup>
<b>Effective storage capacity</b>	m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
<b>Area of catchment</b>	6308.8 km <sup>2</sup>
<b>Perimeter of catchment</b>	455.7 km
<b>Basin Length</b>	119710.0 m
<b>Form factor</b>	0.44024
<b>Circularity ratio</b>	0.38195
<b>Elongation ratio</b>	0.74843
<b>Highest Stream order</b>	9
<b>Max elevation</b>	5069.0 m
<b>Min elevation</b>	1569.0 m
<b>Mean bifurcation ratio</b>	2.3419
<b>Stream frequency</b>	100.0700 per km <sup>2</sup>
<b>Relief</b>	3500.00 m
<b>Drainage density</b>	14.4020 km/km <sup>2</sup>
<b>Length of overland flow</b>	34.717 m

## CATCHMENT CLIMATOLOGY

