Jamrani Phase I Dam

Location	29.2669° N, 79.6161° E
State	Uttarakhand
Nearest City	Nainital
Year of Completion	1990
Operated and Maintained by	Uttarakhand Irrigation Department
River Basin	Ganga
River	Gola.
Dam Type	Other
Height above lowest foundation level	130.6 m
Dam length	365.0 m
Reservoir Area	625731.0 m^2
Gross storage capacity	206600000.0 m^3
Effective storage capacity	144300000.0 m^3

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	450.6 km^2
Perimeter of catchment	118.5 km
Basin Length	29316.0 m
Form factor	0.52423
Circularity ratio	0.40341
Elongation ratio	0.81672
Highest Stream order	8
Max elevation	2487.0 m
Min elevation	641.0 m
Mean bifurcation ratio	2.4692
Stream frequency	97.2330 per km^2
Relief	1846.00 m
Drainage density	14.4330 km/km^2
Length of overland flow	34.643 m