

## Hiradpuri H.L.Barrage. Dam

Location	19.3783° N, 75.5847° E
State	Maharashtra
Nearest City	Gevrai
Year of Completion	2010
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
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Dam Type	Earthfill Embankment
Height above lowest foundation level	24.0 m
Dam length	286.0 m
Reservoir Area	4060000.0 m <sup>2</sup>
Gross storage capacity	9687000.0 m <sup>3</sup>
Effective storage capacity	9687000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	23260.0 km <sup>2</sup>
Perimeter of catchment	928.3 km
Basin Length	246500.0 m
Form factor	0.38280
Circularity ratio	0.33929
Elongation ratio	0.69790
Highest Stream order	10
Max elevation	1461.0 m
Min elevation	413.0 m
Mean bifurcation ratio	2.2582
Stream frequency	73.7860 per km <sup>2</sup>
Relief	1048.00 m
Drainage density	10.1720 km/km <sup>2</sup>
Length of overland flow	49.153 m

## CATCHMENT CLIMATOLOGY

