

## Ranwadi Dam

Location	21.3206° N, 78.4572° E
State	Maharashtra
Nearest City	Narkher
Year of Completion	1984
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	14.1 m
Dam length	365.0 m
Reservoir Area	38810.0 m <sup>2</sup>
Gross storage capacity	1452000.0 m <sup>3</sup>
Effective storage capacity	1381000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	5.2 km <sup>2</sup>
Perimeter of catchment	9.5 km
Basin Length	3154.0 m
Form factor	0.52091
Circularity ratio	0.72843
Elongation ratio	0.81412
Highest Stream order	4
Max elevation	478.0 m
Min elevation	397.0 m
Mean bifurcation ratio	2.2165
Stream frequency	74.4920 per km <sup>2</sup>
Relief	81.00 m
Drainage density	9.6690 km/km <sup>2</sup>
Length of overland flow	51.710 m

## CATCHMENT CLIMATOLOGY

