

## Kawadas (Pickup) Dam

Location	19.9256° N, 72.9956° E
State	Maharashtra
Nearest City	Vikramgad
Year of Completion	1979
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	West Coast
River	Surya
Dam Type	Earthfill Embankment
Height above lowest foundation level	28.1 m
Dam length	630.0 m
Reservoir Area	5480000.0 m <sup>2</sup>
Gross storage capacity	13700000.0 m <sup>3</sup>
Effective storage capacity	9960000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	347.3 km <sup>2</sup>
Perimeter of catchment	93.0 km
Basin Length	26695.0 m
Form factor	0.48729
Circularity ratio	0.50415
Elongation ratio	0.78741
Highest Stream order	7
Max elevation	605.0 m
Min elevation	51.0 m
Mean bifurcation ratio	2.3497
Stream frequency	76.7640 per km <sup>2</sup>
Relief	554.00 m
Drainage density	10.7690 km/km <sup>2</sup>
Length of overland flow	46.428 m

## CATCHMENT CLIMATOLOGY

