

## Hadashi 1 Dam

<b>Location</b>	18.6022° N, 73.5217° E
<b>State</b>	Maharashtra
<b>Nearest City</b>	Mulshi
<b>Year of Completion</b>	1990
<b>Operated and Maintained by</b>	Maharashtra Water Resources Department
<b>River Basin</b>	Krishna
<b>River</b>	Walki
<b>Dam Type</b>	Earthfill Embankment
<b>Height above lowest foundation level</b>	21.8 m
<b>Dam length</b>	720.0 m
<b>Reservoir Area</b>	420000.0 m <sup>2</sup>
<b>Gross storage capacity</b>	3050000.0 m <sup>3</sup>
<b>Effective storage capacity</b>	2970000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
<b>Area of catchment</b>	11.4 km <sup>2</sup>
<b>Perimeter of catchment</b>	14.1 km
<b>Basin Length</b>	3994.7 m
<b>Form factor</b>	0.71608
<b>Circularity ratio</b>	0.72645
<b>Elongation ratio</b>	0.95453
<b>Highest Stream order</b>	5
<b>Max elevation</b>	1202.0 m
<b>Min elevation</b>	619.0 m
<b>Mean bifurcation ratio</b>	2.7972
<b>Stream frequency</b>	93.3770 per km <sup>2</sup>
<b>Relief</b>	583.00 m
<b>Drainage density</b>	14.1600 km/km <sup>2</sup>
<b>Length of overland flow</b>	35.311 m

## CATCHMENT CLIMATOLOGY

