

Bhose (Solapur) Dam

Location	17.3094° N, 75.3950° E
State	Maharashtra
Nearest City	Mangalwedha
Year of Completion	1977
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Krishna
River	Bhose Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	11.6 m
Dam length	925.0 m
Reservoir Area	769200.0 m ²
Gross storage capacity	2180000.0 m ³
Effective storage capacity	2180000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	37.3 km ²
Perimeter of catchment	25.1 km
Basin Length	7768.1 m
Form factor	0.61787
Circularity ratio	0.74169
Elongation ratio	0.88666
Highest Stream order	6
Max elevation	577.0 m
Min elevation	510.0 m
Mean bifurcation ratio	2.5424
Stream frequency	68.5800 per km ²
Relief	67.00 m
Drainage density	9.1690 km/km ²
Length of overland flow	54.534 m

CATCHMENT CLIMATOLOGY

