

Bodalkasa Dam

Location	21.3531° N, 80.0225° E
State	Maharashtra
Nearest City	Tiroda
Year of Completion	1917
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Bhagdeo
Dam Type	Earthfill Embankment
Height above lowest foundation level	19.2 m
Dam length	518.0 m
Reservoir Area	6450000.0 m ²
Gross storage capacity	17392000.0 m ³
Effective storage capacity	16450000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	72.3 km ²
Perimeter of catchment	43.3 km
Basin Length	10451.0 m
Form factor	0.66237
Circularity ratio	0.48399
Elongation ratio	0.91804
Highest Stream order	7
Max elevation	485.0 m
Min elevation	297.0 m
Mean bifurcation ratio	3.9151
Stream frequency	79.9780 per km ²
Relief	188.00 m
Drainage density	11.1640 km/km ²
Length of overland flow	44.785 m

CATCHMENT CLIMATOLOGY

