

Kasola Dam

Location	20.2150° N, 77.3006° E
State	Maharashtra
Nearest City	Mangrulpir
Year of Completion	2013
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	21.6 m
Dam length	252.0 m
Reservoir Area	284000.0 m ²
Gross storage capacity	1605000.0 m ³
Effective storage capacity	1483000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	2.5 km ²
Perimeter of catchment	6.5 km
Basin Length	1997.6 m
Form factor	0.62992
Circularity ratio	0.74740
Elongation ratio	0.89526
Highest Stream order	4
Max elevation	540.0 m
Min elevation	506.0 m
Mean bifurcation ratio	3.9926
Stream frequency	76.7810 per km ²
Relief	34.00 m
Drainage density	9.5630 km/km ²
Length of overland flow	52.286 m

CATCHMENT CLIMATOLOGY

