

Koyna Dam

Location	17.4019° N, 73.7522° E
State	Maharashtra
Nearest City	Patan.
Year of Completion	1964
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Krishna
River	Koyna.
Dam Type	Composite Concrete and Masonry
Height above lowest foundation level	103.0 m
Dam length	807.7 m
Reservoir Area	119688100.0 m ²
Gross storage capacity	2980680000.0 m ³
Effective storage capacity	2835540000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	894.4 km ²
Perimeter of catchment	205.4 km
Basin Length	66904.0 m
Form factor	0.19981
Circularity ratio	0.26657
Elongation ratio	0.50422
Highest Stream order	7
Max elevation	1428.0 m
Min elevation	578.0 m
Mean bifurcation ratio	2.3408
Stream frequency	88.1580 per km ²
Relief	850.00 m
Drainage density	13.5100 km/km ²
Length of overland flow	37.009 m

CATCHMENT CLIMATOLOGY

