

Markandeya Dam

Location	16.0186° N, 74.6442° E
State	Karnataka
Nearest City	Hukeri
Year of Completion	2005
Operated and Maintained by	Karnataka Water Resources Department
River Basin	Krishna
River	Markandeya
Dam Type	Other
Height above lowest foundation level	47.0 m
Dam length	475.0 m
Reservoir Area	8980000.0 m ²
Gross storage capacity	104660000.0 m ³
Effective storage capacity	90190000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	430.5 km ²
Perimeter of catchment	127.7 km
Basin Length	46822.0 m
Form factor	0.19636
Circularity ratio	0.33187
Elongation ratio	0.49985
Highest Stream order	7
Max elevation	1008.0 m
Min elevation	672.0 m
Mean bifurcation ratio	2.4583
Stream frequency	80.2640 per km ²
Relief	336.00 m
Drainage density	11.7900 km/km ²
Length of overland flow	42.407 m

CATCHMENT CLIMATOLOGY

