

## Pitamahal Dam

Location	22.1903° N, 84.7336° E
State	Odisha
Nearest City	Panposh
Year of Completion	1978
Operated and Maintained by	Odisha Water Resources Department
River Basin	Brahmani
River	Pitamahal
Dam Type	Earthfill Embankment
Height above lowest foundation level	26.0 m
Dam length	660.2 m
Reservoir Area	2936353.0 m <sup>2</sup>
Gross storage capacity	23620000.0 m <sup>3</sup>
Effective storage capacity	20166000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	103.9 km <sup>2</sup>
Perimeter of catchment	56.0 km
Basin Length	20208.0 m
Form factor	0.25450
Circularity ratio	0.41587
Elongation ratio	0.56906
Highest Stream order	7
Max elevation	604.0 m
Min elevation	204.0 m
Mean bifurcation ratio	6.8531
Stream frequency	76.2520 per km <sup>2</sup>
Relief	400.00 m
Drainage density	10.3120 km/km <sup>2</sup>
Length of overland flow	48.486 m

## CATCHMENT CLIMATOLOGY

