

## Kundahpallam Dam

<b>Location</b>	11.2831° N, 76.6525° E
<b>State</b>	Tamil Nadu
<b>Nearest City</b>	Uthagamandalam
<b>Year of Completion</b>	1961
<b>Operated and Maintained by</b>	Tamil Nadu Electricity Generation and Distribution Corporation
<b>River Basin</b>	Cauvery
<b>River</b>	Kundah
<b>Dam Type</b>	Masonry Gravity
<b>Height above lowest foundation level</b>	32.0 m
<b>Dam length</b>	152.0 m
<b>Reservoir Area</b>	390.0 m <sup>2</sup>
<b>Gross storage capacity</b>	m <sup>3</sup>
<b>Effective storage capacity</b>	m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
<b>Area of catchment</b>	176.4 km <sup>2</sup>
<b>Perimeter of catchment</b>	73.1 km
<b>Basin Length</b>	16655.0 m
<b>Form factor</b>	0.63601
<b>Circularity ratio</b>	0.41548
<b>Elongation ratio</b>	0.89958
<b>Highest Stream order</b>	7
<b>Max elevation</b>	2610.0 m
<b>Min elevation</b>	1599.0 m
<b>Mean bifurcation ratio</b>	2.6352
<b>Stream frequency</b>	79.1080 per km <sup>2</sup>
<b>Relief</b>	1011.00 m
<b>Drainage density</b>	11.7630 km/km <sup>2</sup>
<b>Length of overland flow</b>	42.505 m

## CATCHMENT CLIMATOLOGY

