

Details of Major Projects of Water Resources Department

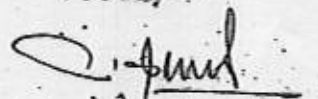
S. NO. (1)	Item (2)	(3)
	Name of Project	CHHAPERWARA IRRIGATION PROJECT.
	Purpose of Project :	Water Supply/ Power / Multi purpose / Irrigation.
	Name of Dam	(Lt-26° 57' 00" Lo-75° 14' 45")
	Year of Completion	CHHAPERWARA DAM. 1894.
	First filling (Years/Levels)	1894.
	Benefits accrued :	a) Irrigation b) Water supply c) Power d) Other benefits.

Important Controlling Levels
(in metres)

	MKS	F.P.S.
a) Top of dam	38.71	127.00
b) Maximum water level	37.94	124.50
c) Full reservoir level	35.67	117.00
d) Sill level of Irrigation sluices	30.48 & 32.61	- 100' & 107'
e) Sill level of scouring sluices		
f) Spillway crest level	35.67	117.05
g) Minimum drawdown level	30.48	100.05
h) Lowest river bed level	27.50	90.00
i) Deepest Foundation level	23.50	77.80

Important Salient Features

a) Dead Storage Capacity	NIL	NIL
b) Area of foreshore at F.R.L.	12.82 Sq Km	5.40 Sq miles
c) Design flood adopted (PMF/SPF/Any other) Give relevant magnitude	125.57 cumec	7135 cusec
d) Design spillway discharge capacity and type of spillway.	779.88	27557.88
e) Type, number and size of spillway gates	FN - 91.46 Syphon 91.46	300' 300'
f) Location, sill level and capacity of low level outlets and scouring sluices.	4 Nos. arch. 23, ch. 35.50 Ch. 125.50 & ch. 125.50	


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- g) Height of the dam in metres
i) above deepest foundation.
ii) above lowest river bed.
- h) Gross storage capacity in million cubic metres.
i) At F.R.L.
ii) At M.W.L.
- i) Length of the dam (at crest) in metres.

23.50 mtr

27.50 "

34.98 Mcum. 1236.30 Mef

4.26 km