

Details of Major Projects of Water Resources Department

S.N.	ITEM	Remarks
1	Name of project	Rajsamand Irrigation Project Distt. Rajsamand
a	Latitude Longitude	25 - 3' - 0" N 73 - 54' - 0" E
2	Purpose of project	Multipurpose Irrigation and Water Supply.
3	Name of dam	Rajsamand tank.
4	Year of completion	Year-1676
5	First filling (Years/Levels)	N.A.(Old state tank)
6	Benefits accrued	
a	Irrigation	Irrigation ICA 7311 ha. & CCA 10450 ha.
b	Water supply	Water supply to Rajsamand town through P.H.E.D. Deptt.
c	Power generation	-
d	Other benefits	Water supply to J.K. Industry
7	Important controlling level (in meters)	-
a	Top of Dam	563.24 M
b	Maximum water level	560.83 M
c	Full reservoir level	559.31 M
d	Sill level of Irrigation sluices	550.16 M
e	Sill level of scouring sluices	-
f	Spillway crest level	559.31 M
g	Minimum draw down level	Empty (2003)
h	Lowest river bed level	544.53 M
i	Deepest foundation level	N.A.
8	Important salient features	-
a (i)	Gross storage capacity	107.15 Mcum
a (ii)	Dead storage capacity	8.50 Mcum
b	Area of foreshore at F.R.L.	18.144 Sq.km.
c	Design flood adopted (SPF)give relevant magnitude.	Dickn's formula Value of C assumed as 1800
d	Design spillway discharge capacity and type of spillway.	Flood discharge 96444 cuses or 2731 cumecs waste weir 1332 ft. (406m), bywash 250ft. (76m)
e	Type, number & size of spillway gates	NIL
f	Location sill level & capacity of low level outlets and scouring sluices	-
g	Height of the dam in meters	
(i)	Above deepest foundation	N.A.
(ii)	Above lowest river bed	18.71 M

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h	Gross storage capacity in million cubic meters.	
(i)	At F.R.L.	107.22 Mcum
(ii)	Live storage	98.65 Mcum
i	Length of the dam in meters	2800 M (NOF length 2316M & O.F. 484M