

TABLE OF CONTENTS.

ADMINISTRATION REPORT OF THE PUBLIC WORKS DEPARTMENT, IRRIGATION BRANCH, FOR THE YEAR 1924-25.

CHAPTER I.

General—Pages 1-2.

CHAPTER II.

	PAGE		PAGE
Personnel	2	A.—Irrigation Works—Unproductive	
Classification of works	2	—cont.	
Total outlay, revenue and extent irrigated	3	Value of crops	5
A.—Irrigation Works—Productive—		B.—Navigation, Embankment and Drainage Works—Unproductive—	
Number of works	3	Navigation canals—Receipts ..	5-6
Length of canals	3	Works for which Capital and Revenue Accounts are not kept—	
Area irrigated	3	Irrigation works	6
Capital outlay	4	Tank Restoration Scheme works ..	6
Working expenses	4	Works for which Capital and Revenue Accounts are not kept—Navigation, Embankment and Drainage Works—	
Revenue	4	Investigation of projects	7
Financial results	4	Character of the season	8
Revenue and working expenses per acre	4	Floods	8
Remissions	4	Breaches and accidents	8-10
Value of crops	4	Cauvery Committee	10
A.—Irrigation Works—Unproductive—		Madras Irrigation Bill	11
Number of works	4	Cauvery Metur Project	11
Capital outlay	5	Irrigation—Advisory Boards	11
Length of canals	5	Localization of irrigable areas ..	11
Area irrigated	5	Irrigation panchayats	11
Revenue	5	Hydro-Electric Development	11-12
Working expenses	5		
Remissions	5		

CHAPTER III.

Works for which Capital and Revenue Accounts are kept.

A.—Irrigation Works—Productive.

No. 1 Ganjam minor rivers system—		No. 4 Divi pumping system—	
Capital outlay	12	Capital outlay	16
Working expenses	12	Works in progress	16
Area irrigated	12	Working expenses	16
Financial results	12	Area irrigated	16
		Financial results	16
		General	16
No. 2 Godavari delta system—		No. 5 Penner river canals system—	
Capital outlay	12	Capital outlay	16
Works in progress	12	Working expenses	16
Working expenses	13	Area irrigated	17
Navigation	13	Financial results	17
Area irrigated	13	General	17
Financial results	13	No. 6 Arkenkota channel—	
General	14	Capital outlay	17
		Working expenses	17
No. 3 Kistna delta system—		Area irrigated	17
Capital outlay	14	Financial results	17
Works in progress	14		
Working expenses	14	No. 7 Thadapalli channel—	
Navigation	15	Capital outlay	17
Area irrigated	15	Working expenses	17
Financial results	15	Area irrigated	17
General	15	Financial results	17

	PAGE		PAGE
No. 8 Kalingarayan channel—		No. 17 Mehamattur anicut system—	
Capital outlay	18	Capital outlay	22
Working expenses	18	Working expenses	22
Area irrigated	18	Area irrigated	22
Financial results	18	Financial results	22
No. 9 Palur anicut system—		General	22
Capital outlay	18	No. 18 Vriddhaohalam anicut system—	
Working expenses	18	Capital outlay	22
Area irrigated	18	Working expenses	22
Financial results	18	Area irrigated	22
General	18	Financial results	22
No. 10 Chembrambakkem tank—		General	23
Capital outlay	18	No. 19 Lower Coleroon anicut system—	
Working expenses	18	Capital outlay	23
Area irrigated	18	Working expenses	23
Financial results	19	Area irrigated	23
No. 11 Valluru anicut system—		Financial results	23
Capital outlay	19	General	23
Working expenses	19	No. 20 Cauvery delta system	
Area irrigated	19	Capital outlay	23
Financial results	19	Works in progress	23-24
No. 12 Poiney anicut system—		Working expenses	24
Capital outlay	19	Area irrigated	24
Working expenses	19	Financial results	25
Area irrigated	19	General	25
Financial results	19	No. 21 Nandyar channel system—	
General	19	Capital outlay	25
No. 13 Cheyvar anicut system—		Working expenses	25
Capital outlay	20	Area irrigated	25
Working expenses	20	Financial results	25
Area irrigated	20	No. 22 Periyar system	
Financial results	20	Capital outlay	25
General	20	Working expenses	26
No. 14 Tirukhoiyilar anicut system—		Area irrigated	26
Capital outlay	20	Financial results	26
Working expenses	20	General	26
Area irrigated	20	No. 23 Srivaidhantam anicut system—	
Financial results	20	Capital outlay	26
General	21	Working expenses	26
No. 15 Shatiatope anicut system—		Area irrigated	27
Capital outlay	21	Financial results	27
Working expenses	21	General	27
Area irrigated	21	No. 24 Marudur anicut system	
Financial results	21	Capital outlay	27
General	21	Working expenses	27
No. 16 Todur project—		Area irrigated	27
Capital outlay	21	Financial results	27
Working expenses	21		
Area irrigated	21		
Financial results	22		
General	22		

CHAPTER IV.

Works for which Capital and Revenue Accounts are kept.

A.—Irrigation Works—Unproductive.

No. 25 Rushikolya system—		No. 27 Muniyuru system—	
Capital outlay	27	Capital outlay	29
Working expenses	28	Working expenses	29
Area irrigated	28	Area irrigated	29
Financial results	28	Financial results	29
General	28	No. 28 Peddanayutu tank of Chinna- raopalem—	
No. 26 Nagavalli river system—		Capital outlay	29
Capital outlay	28	Working expenses	29
Working expenses	28	Area irrigated	29
Area irrigated	29	Financial results	29
Financial results	29	No. 29 Bhrugubhanda project (in abey- ance)	
General	29	29

	PAGE		PAGE
No. 30 Jangamaheswarapuram tank—		No. 42 Yellanur tank—	
Capital outlay	30	Capital outlay	33
Working expenses	30	Working expenses	33
Area irrigated	30	Area irrigated	33
Financial results	30	Financial results	33
No. 31 Atmakur tank—		No. 43 Kocheruvu tank—	
Capital outlay	30	Capital outlay	33
Working expenses	30	Working expenses	33
Area irrigated	30	Area irrigated	33
Financial results	30	Financial results	33
No. 32 Dondapad tank—		No. 44 Siddapur tank—	
Capital outlay and working expenses.	30	Capital outlay	34
Area irrigated	30	Working expenses	34
Financial results	30	Area irrigated	34
No. 33 Bhavanasi tank—		Financial results	34
Capital outlay	30	No. 45 Nagavaram anicut and supply	
Working expenses	30	channel—	
Area irrigated	30	Capital outlay and working expen-	
Financial results	31	se	34
No. 34 Mopad reservoir—		Area irrigated	34
Capital outlay	31	Financial results	34
Working expenses	31	No. 46 Venkatapuram tank—	
Area irrigated	31	Capital outlay	34
Financial results	31	Working expenses	34
No. 35 Hajipuram tank—		Area irrigated	34
Capital outlay	31	Financial results	34
Working expenses	31	No. 47 Kurnool-Cuddapah canal—	
Area irrigated	31	Capital outlay	34
Financial results	31	Working expenses	35
No. 36 Ponnalur tank—		Navigation	35
Capital outlay	31	Area irrigated	35
Working expenses	32	Financial results	35
Area irrigated	32	No. 48 Thippayapalem project	35
Financial results	32	No. 49 Barur tank—	
No. 37 Anamasamudram-Beraperu		Capital outlay	35
tank—		Working expenses	35
Capital outlay	32	Area irrigated	35
Working expenses	32	Financial results	35
Area irrigated	32	General	36
Financial results	32	No. 50 Kaniyampalayam anicut—	
No. 38 Yerur tank—		Capital outlay	36
Capital outlay and working expenses.	32	Working expenses	36
Area irrigated	32	Area irrigated	36
Financial results	32	Financial results	36
No. 39 Sagilera system—		No. 51 Madras Water-supply and	
Capital outlay	32	Irrigation system—	
Working expenses	32	Capital outlay	36
Area irrigated	32	Working expenses	36
Financial results	32	Area irrigated	36
No. 40 Cumbum tank—		Financial results	36
Capital outlay	33	No. 52 Pelandorai anicut—	
Working expenses	33	Capital outlay	36
Area irrigated	33	Working expenses	36
Financial results	33	Area irrigated	36
No. 41 Marhapur tank—		Financial results	37
Capital outlay	33	General	37
Working expenses	33	No. 53 Panjapatti reservoir—	
Area irrigated	33	Capital outlay	27
Financial results	33	Working expenses	37
		Area irrigated	37
		Financial results	37

CHAPTER V.

Works for which Capital and Revenue Accounts are kept.

B.—Navigation, Embankment and Drainage Works—Unproductive.

No. 54 Ganjam-Gopalpur canal	37	No. 55 Buckingham canal—cont.	
No. 55 Buckingham canal—		Navigation	38
Capital outlay	37	Financial results	38
Working expenses	37	No. 56 Vedaranniyam canal	38

CHAPTER VI.

Works for which Capital and Revenue Accounts are not kept

(1) Irrigation Works.

	PAGE		PAGE
Number of works	28	Particulars of revenue	41
Area irrigated and Financial results.	39	Financial results	41
Outlay	39	Tank restoration scheme works	41
Progress of works	39-40		

(2) Navigation, Embankment and Drainage Works.

Receipts	41	Progress of works	
Expenditure	42		

APPENDIX I.

Statistical statements—		Statistical statements— <i>cont.</i>	
Statement A-I.—Canal projects with particulars regarding discharges, rainfall, area commanded, cost of construction, expenditure, interest charges and length of canals, etc.	43-48	Statement C-IV.—Financial results (based on assessments for the year) of Irrigation, Navigation, Embankment and Drainage works for which Capital and Revenue accounts are kept	85-92
Statement A-II.—Reservoir projects with similar particulars as above	49-54	Statement D-I.—Statement of traffic on the principal navigable canals	93-94
Statement B-I.—Capital Account of Irrigation, Navigation, Embankment and Drainage works for which Capital and Revenue accounts are kept	55-60	Statement D-II.—Description and quantities of goods, etc., carried on the principal navigable canals.	95-102
Statement C-I.—Financial results showing receipts and expenditure against Revenue, etc., of Irrigation, Navigation, Embankment and Drainage works for which Capital and Revenue accounts are kept	61-72	Statement E-I.—Areas irrigated, etc., under irrigation works classed as productive and unproductive for which Capital and Revenue accounts are kept	103-108
Statement C-II.—Financial results (based on actual receipts) showing capital outlay, gross receipts, working expenses, interest charges, etc., of Irrigation, Navigation, Embankment and Drainage works for which Capital and Revenue accounts are kept	73-80	Statement E-II.—Incidence of working expenses and assessed water revenue on irrigation systems under irrigation works classed as productive and unproductive for which Capital and Revenue accounts are kept	110-111
Statement C-III.—Demands and realizations of Irrigation, Navigation, Embankment and Drainage works for which Capital and Revenue accounts are kept	81-84	Statement E-III.—Areas irrigated and the value of crops raised	112-119
		Statement E-IV.—Comparative statement of irrigation and rainfall	120-127
		Statement E-I.—Incidence of water rates under irrigation works classed as productive and unproductive for which Capital and Revenue accounts are kept	128-129

APPENDIX II.

Statement showing the results of irrigation.

Statement No. 1.—Financial results of irrigation works classed as productive and unproductive for which Capital and Revenue accounts are kept	130-135	Statement No. 2.—Extent irrigated and the revenue derived under minor works for which Capital and Revenue accounts are not kept	136-137
---	---------	---	---------

TABLE OF CONTENTS

APPENDIX III.

Administrative Accounts.

Systems.	No. 2, Capital Account.	No. 3, Revenue Account.	No. 4, Interest Account.	No. 5, Indirect Charges Account.	No. 6, Statement comparing charges to date with sanctioned estimates.
Review of the accounts— pages 139 to 143.	PAGE	PAGE	PAGE	PAGE	PAGE
CONSTRUCTION OF IRRIGATION, NAVIGATION, EMBANKMENT AND DRAINAGE WORKS.					
No. 1.—GENERAL ABSTRACT OF FINANCIAL RESULTS— pages 144 to 151.					
A. IRRIGATION WORKS.					
1. Productive Works.					
Ganjam minor rivers system ..	152	154	156	156	157
Godavari delta system ..	158	160	161	161	162
Kistna do. ..	164	166	167	167	168
Divi pumping system ..	170	172	173	173	174
Perner river canals system ..	176	178	180	180	181
Arkenkota channel ..	182	183	185	185	186
Thadapalli do. ..	187	188	190	190	191
Kalingarayan do. ..	192	193	195	195	196
Palar anicut system ..	197	199	201	201	202
Chembrambakkam tank ..	203	204	206	206	207
Valluru anicut system ..	208	209	211	211	212
Poiney do. ..	213	214	215	216	217
Cheyeru do. ..	218	219	221	221	222
Tirukkoyilur anicut system ..	223	224	226	226	227
Shatiatope do. ..	228	229	231	231	232
Toludur project ..	233	235	236	236	237
Mehamattur anicut system ..	238	239	241	241	242
Vriddhachalam do. ..	243	244	245	245	246
Lower Coleroon do. ..	247	249	251	251	252
Cauvery delta system ..	253	255	257	257	258
Nandyar channel system ..	259	260	262	262	263
Pariyar system ..	264	266	268	268	269
Srivaikuntam anicut system ..	270	272	274	274	275
Marudur anicut system ..	276	277	279	279	280
2. Unproductive Works.					
Rushikulya system ..	281	283	285	285	286
Nagavalli river system ..	287	289	291	291	292
Muniyeru system ..	293	294	296	296	297
Peddinayudu tank of Chinnarao- palem. ..	298	299	300	300	301
Jangam-heswarapuram tank ..	302	303	304	304	305
Atmakuru tank ..	306	307	308	308	309
Dondapad do. ..	310	311	312	312	313
Bhavanasi do. ..	314	315	316	316	317
Mopad project ..	318	319	320	320	321
Hajipuram tank ..	322	323	324	324	325
Ponnalur do. ..	326	327	328	328	329
Anamasamudram-Bersaperu tank. ..	330	331	333	333	334

Administrative Accounts—cont

Systems.	No. 2, Capital Account.	No. 3, Revenue Account.	No. 4, Interest Account.	No. 5, Indirect Charges Account.	No. 6, Statement comparing charges to date with sanctioned estimates.
A. IRRIGATION WORKS—cont.	PAGE	PAGE	PAGE	PAGE	PAGE
<i>2. Unproductive Works—cont.</i>					
Yerur tank	336	336	337	337	338
Vamula tank	339	340	341	341	342
Sagileru system	343	344	346	346	347
Talapulavanka tank	348	..	349	349	350
Cumbum tank	351	352	354	354	355
Markapur tank	356	357	359	359	360
Yellanur tank	361	362	364	364	364
Kootheruvu do.	366	367	369	369	370
Siddapur do.	371	372	373	373	374
Nagavaram sicut and supply channel.	376	376	377	377	378
Venkatapuram tank project	379	380	381	381	382
Kurnool-Cuddapah canal	383	385	387	387	388
Thippayapalem project	389	..	390	390	391
Barur tank	392	394	395	395	395
Kanniampalaiyam sicut	397	398	399	399	400
Madras Water-supply and Irriga- tion system.	401	402	404	404	406
Pelandorai sicut	406	407	409	409	410
Panjampatti reservoir	411	412	413	413	414
B. NAVIGATION, ETC.					
<i>2. Unproductive Works.</i>					
Ganjam-Gopalpur canal	415	416	417	417	418
Buckingham canal	419	420	421	421	422
Vedaranniyam do.	423	424	425	425	426