



**Statistical Statements for Irrigations
Works Sind for the Year
1903-1904
(1904)**



Government Document

STATISTICAL STATEMENTS

FOR

IRRIGATION WORKS, SIND,

FOR THE YEAR 1903-1904.

STATEMENT

Statement of Canals in the Indus

1	MAJOR WORKS.								
	Jámráo Canal District.	Northern Hyderabad Canals District.			Eastern Nára District.				
	Jámráo Canal.	Dád Canal.	Nasrat Canal.	Total.	Nára Supply Channel.	Eastern Nára.	Mithráo Canal.	Thar Canal.	Khipra Canal.
	2	3	4	5	6	7	8	9	10
Source of supply of water	Eastern Nára.	Indus.	Indus.		Indus.	Nára Supply Channel.	Eastern Nára.	Eastern Nára.	Eastern Nára.
Minimum discharge of river ... C. feet per second.	6,475	Unknown.	Unknown.	...	...	...	...	...	...
Maximum discharge of canal	3,200	3,170	2,150	...	...	...	2,900	1,400	...
Average annual rainfall ... ..Inches.	2'42	5'36	2'82	...	...	6'18	4'95	5'10	8'14
Gross area commanded ... ..Acres.	959,419	630,125	383,657	1,013,782	12,120	303,400	674,600	162,000	47,900
Culturable area commanded	774,818	384,179	272,243	656,422	6,070	275,500	599,800	144,800	45,000
Area irrigable annually by complete project	258,272	145,393	104,081	249,474	4,340	90,900	143,500	50,000	8,600
Area irrigable at present	253,574	61,078	53,206	117,279	...	58,400	132,000	50,000	8,000
<i>Sanctioned Estimate.</i>									
Direct charges ... ..Rs.	77,26,671	24,31,343	16,15,319	40,46,662	...	...	...	...	...
Indirect charges	2,47,891	82,997	59,111	1,42,108	...	...	...	...	...
Interest during construction ... ..	.....	...	...	...	...	...	...	...	...
Total Estimate ... ..Rs.	79,74,562	25,14,340	16,74,430	41,88,770	...	...	...	..	...
<i>Expenditure to end of 1903-1904.</i>									
Direct charges ... ..Rs.	82,07,987	21,52,446	15,17,157	36,69,603	...	...	...	...	...
Indirect charges	2,22,716	65,635	27,132	92,767	...	...	...	...	...
Interest during construction	18,55,642	3,40,519	1,10,869	4,51,338	...	...	...	...	...
Total Expenditure ... ..Rs.	1,02,86,345	25,58,600	16,55,158	42,13,758	...	...	...	...	...
<i>Works as now sanctioned.</i>									
Main Canals Irrigation .. ..Miles.	117	96	94	190	12	320	93	24	15
Branch Canals	63	248	95	343	...	...	62	48	...
Distributaries	408	29	87	116	...	...	...	...	...
Of above—									
Navigable Canals ... ..Miles.	.....	...	...	...	12	320	93	...	...
<i>Works completed at end of 1903-1904.</i>									
Main Canals Irrigation ... ..Miles.	117	96	94	190	12	320	93	24	15
Branch Canals	63	248	82	330	...	...	62	48	...
Distributaries	408	8	86	44	...	...	...	...	...
Of above—									
Navigable Canals ... ..Miles.	.....	...	...	...	12	*320	93	...	...

* Practically a river.

I-A.

Left Bank Division for 1903-1904.

			MINOR WORKS FOR WHICH CAPITAL AND REVENUE ACCOUNTS ARE KEPT.							WORKS FOR WHICH ONLY REVENUE ACCOUNTS ARE KEPT.		
			Central Hyderabad Canals District.				Fuleli Canals District.			Northern Hyderabad Canals District.	Central Hyderabad Canals District.	Fuleli Canals District.
Heran Canal.	Hiral Canal.	Total, Eastern Nára.	Alibhar Kacheri.	Márák.	Saríraz.	Total.	Fuleli Canal.	Hasanali Canal.	Total.	Total.	Total.	Total.
11.	12.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.
Eastern Nára.	Eastern Nára.		Indus.	Indus.	Indus.	...	Indus.	Indus.	...	Indus.	Indus.	...
...	...	...	..	...	...	...	...	...	...	...	...	...
...	...	...	506	2,268	1,362	...	9,800	700	...	...	...	...
5'16	5'10	...	3'57	6'69	6'90	...	6'99	7'21	...	3'73	...	7'00
11,000	46,000	1,257,020	75,500	2,40,000	165,000	480,500	1,832,000	53,700	1,885,700	835,818	930,000	125,200
9,000	38,300	1,118,470	51,800	1,89,000	139,000	379,800	1,434,000	29,500	1,463,500	623,315	802,000	88,100
3,000	15,700	315,440	14,000	65,000	35,000	114,000	400,000	24,600	424,600	142,572	175,000	51,900
3,000	...	251,400	14,000	65,000	35,000	114,000	370,000	21,600	391,600	92,515	175,000	35,500
...	...	61,80,717	28,020	2,10,378	1,18,559	3,56,957	17,92,797	2,36,595	20,29,392	...	...	...
...	...	2,14,422	887	8,417	6,121	15,425	51,238	16,080	67,318	...	...	...
...	...	66,98,645	...	...	...	...	...	...	...	...	...	...
...	...	1,30,93,784	28,907	2,18,795	1,24,680	3,72,382	18,44,035	2,52,675	20,96,710	...	...	...
...	...	63,09,760	23,207	2,07,436	1,18,559	3,49,202	17,03,780	2,22,243	19,26,023	...	...	...
...	...	2,17,210	710	8,310	6,121	15,141	62,259	2,896	65,155	...	...	...
...	...	69,48,018	...	...	...	...	...	...	...	...	...	...
...	...	1,34,74,988	23,917	2,15,746	1,24,680	3,64,343	17,66,039	2,25,189	19,91,178	...	...	...
8.	19	486	25	24	80	129	98	43	141	135	148	61
...	22	132	33	148	28	209	909	36	945	216	440	70
...	...	...	...	...	...	...	5	19	24	...	...	...
...	...	425	22	22	30	74	326	40	366	...	105	10
8	19	486	25	24	80	129	98	43	141	119	148	61
...	22	132	33	148	28	209	909	36	945	140	440	70
...	...	...	...	...	...	...	5	19	24	...	...	...
...	...	425	22	22	30	74	326	40	366	...	105	10

Statement of Canals in the Indus

1	MAJOR WORKS.			
	Begári Canals District.			
	Desert Canal.	Unharwah.	Begári Canal.	Total.
	2	3	4	5
Source of supply of water	River Indus.	Wadhu Dhand ex River Indus.	Wadhu Dhand ex River Indus.	...
Minimum discharge of river, C. ft. per second.	...	...	...	...
Maximum discharge of Canal,,	3,915	3,019	6,869	...
Average annual rainfall ... ..Inches.	6.08	5.76	6.34	...
Gross area commanded ... ..Acres.	388,985	246,970	751,680	1,387,635
Culturable area commanded	388,985	214,056	680,521	1,288,562
Area irrigable by complete project	129,660	56,000	186,500	372,164
Area irrigable at present	129,660	56,000	186,500	372,160
<i>Sanctioned Estimate.</i>				
Direct charges... ..Rs.	26,01,606	6,40,895	16,57,544	49,00,045
Indirect charges	1,01,408	17,684	49,255	1,68,347
Interest during construction... ..	13,89,072	3,65,039	20,03,824	37,57,935
Total, Estimate	40,92,086	10,23,618	37,10,623	88,26,327
<i>Expenditure to end of 1903-1904.</i>				
Direct charges ... ..Rs.	25,70,617	6,37,303	16,57,544	48,65,464
Indirect charges	75,769	17,468	49,255	1,42,492
Interest during construction... ..	13,89,072	3,65,039	20,03,824	37,57,935
Total, Expenditure	40,35,458	10,19,810	37,10,623	87,65,891
<i>Works as now sanctioned.</i>				
Main Canals Irrigation Miles.	75	36	76	187
Branch Canals	197	62	82	341
Distributaries	47	...	...	47
Of above—				
Navigable Canals Miles.	...	...	58	58
<i>Works completed at end of 1903-1904.</i>				
Main Canals Irrigation Miles.	75	36	76	187
Branch Canals	196	62	82	340
Distributaries	42	...	...	42
Of above—				
Navigable Canals Miles.	...	...	58	58

MENT I—A—continued.

Right Bank Division, 1903-1904.

	MINOR WORKS FOR WHICH CAPITAL AND REVENUE ACCOUNTS ARE KEPT.			MINOR WORKS FOR WHICH ONLY REVENUE ACCOUNTS ARE KEPT.		
Shikárpur Canals Dis- trict.	Ghár Canals District.			Shikárpur Canals District.	Western Nára District.	Karáchi Canals District.
Mahiwah.	Sukkur Canal.	Ghár Canal.	Total.	Other Canals.	Other Canals.	Other Canals.
6	7	8	9	10	11	12
Gidu Dhand ex River Indus. ... 954 ... 200,251 74,302 65,950 56,548	River Indus. 3,181 6·31 246,713 153,985 90,000 90,000	River Indus. ... 5,826 5·11 505,649 387,338 250,000 250,000	 752,362 541,323 340,000 340,000	Dhands ex River Indus. 477,924 435,983 244,995 244,995	Dhands ex River Indus. 4·20 962,228 655,776 389,800 387,125	River Indus. 5·50 6,200,300 1,815,433 1,312,273 1,312,273
9,36,837 1,29,503 86,896	13,65,997 60,951	4,25,266 25,915 ...	17,91,263 86,866	7,62,207 ... ...	... ... ...	..... ..... .....
11,53,236	14,26,948	4,51,181	18,78,129	7,62,207	...	.....
10,83,740 27,554 86,896	13,80,281 60,736	4,25,266 25,915 ...	17,85,547 86,651	7,40,360 ... ...	... ... ...	..... ..... .....
11,98,190	14,21,017	4,51,181	18,72,198	7,40,360	...	.....
29 31 ...	74 56	68 229 ...	142 285	334 86 ...	329 324 ...	470 485
...	.....	103	103	...	313	216
29 31 ...	74 56	68 229 ...	142 285	334 86 ...	329 324 ...	470 485
...	.....	103	103	...	313	216

STATEMENT No.

Capital Account of Irrigation Works

Name of Work.	DURING YEAR.								
	Direct Charges.						Indirect Charges.		
	Works.	Estab- lish- ment.	Tools and Plant.	Total.	Deduct Receipts on Capital Account.	Total.	Capitali- zation.	Leave and Pension Allowances.	Total.
	2	3	4	5	6	7	8	9	10
MAJOR WORKS.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
PRODUCTIVE WORKS.									
1. Desert Canal	43,266	9,589	794	53,649	...	53,649	...	1,342	1,342
2. Unharwah	3,603	829	...	4,432	...	4,432	...	116	116
3. Begári Canal	...	...	...	...	...	...	...	...	...
4. Mahiwah	1,21,223	25,539	543	1,47,305	...	1,47,305	...	3,575	3,575
5. Eastern Nára Works	1,07,826	20,050	1,304	1,29,180	...	1,29,180	...	2,807	2,807
6. Jámráo Canal	(a) 57,359	85,696	231	1,43,286	...	1,43,286	...	11,997	11,997
7. Dád do.	78,663	10,839	—79	89,423	...	89,423	4,897	1,517	6,414
8. Naulakhi do.	4,726	236	...	4,962	...	4,962	...	33	33
9. Nasrat do.	2,97,498	37,185	1,609	3,36,292	...	3,36,292	42	5,206	5,248
Total ...	7,14,169	1,89,963	4,402	9,08,534	...	9,08,534	4,939	26,593	31,532
MINOR WORKS AND NAVIGATION.									
10. Sukkur Canal	6,807	988	150	7,945	...	7,945	...	138	138
11. Ghar do.	...	...	...	...	...	...	...	...	...
12. Alibhar Kacheri Canal	...	...	...	...	...	...	...	...	...
13. Marak Great Canal	...	...	...	...	...	...	...	...	...
14. Surfrazwah	...	...	...	...	...	...	...	...	...
15. Fuleli Canal	10,164	2,725	172	13,061	...	13,061	...	381	381
16. Hassarali Canal	86,903	19,978	1,698	1,08,579	...	1,08,579	...	2,797	2,797
17. Suttah Canal	24,031	5,527	361	29,919	...	29,919	...	774	774
Total ...	1,27,905	29,218	2,381	1,59,504	...	1,59,504	...	4,090	4,090
GRAND TOTAL ...	8,42,074	2,19,181	6,783	10,68,038	...	10,68,038	4,939	30,683	35,622

(a) Inclusive of Rs. 3,497 on account

(b) Do. Rs. 4,606 do.

I—B.

in Sind for, and to end of, 1903-1904.

Grand Total.	TO END OF YEAR.									
	Direct Charges.						Indirect Charges.			Grand Total.
	Works.	Establishment.	Tools and Plant.	Total.	Deduct Receipts on Capital Account.	Total.	Capitalization.	Leave and Pension Allowances.	Total.	
11	12	13	14	15	16	17	18	19	20	21
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
54,991	20,74,764	4,70,544	25,346	25,70,654	37	25,70,617	170	75,599	75,769	26,43,386
4,548	5,34,233	1,10,812	2,258	6,37,303	...	6,37,303	1,953	15,515	17,468	6,54,771
...	14,17,031	2,35,866	4,666	16,57,563	19	16,57,544	5,195	44,060	49,255	17,06,799
1,50,880	8,79,675	1,96,818	7,253	10,83,746	6	10,83,740	...	27,554	27,554	11,11,294
1,31,987	50,33,943	12,18,496	57,497	63,09,936	176	63,09,760	2,669	2,14,541	2,17,210	65,26,970
1,55,283	(b) 67,00,402	13,24,503	1,84,063	82,08,968	981	82,07,987	37,286	1,85,430	2,22,716	84,30,703
95,842	18,46,328	2,89,933	16,219	21,52,480	34	21,52,446	25,045	40,590	65,635	22,18,081
4,995	4,876	236	...	5,112	...	5,112	...	33	33	5,145
3,41,540	13,47,626	1,63,865	5,824	15,17,315	158	15,17,157	4,192	22,940	27,132	15,44,289
9,40,066	1,98,28,878	40,11,073	3,03,126	2,41,43,077	1,411	2,41,41,666	76,510	6,26,262	7,02,772	2,48,44,438
8,083	11,35,547	2,10,974	13,920	13,60,441	160	13,60,281	19,775	40,961	60,736	14,21,017
...	3,46,230	77,184	1,852	4,25,266	...	4,25,266	10,576	15,339	25,915	4,51,181
...	19,636	3,548	23	23,207	...	23,207	...	710	710	23,917
...	1,70,629	35,275	1,612	2,07,516	80	2,07,436	1,409	6,901	8,310	2,15,746
...	1,03,432	15,097	30	1,18,559	...	1,18,559	3,102	3,019	6,121	1,24,680
13,442	14,03,830	2,94,461	6,374	17,04,665	504	17,04,161	11,946	50,694	62,640	17,66,801
1,11,376	1,76,341	40,664	4,738	2,22,243	...	2,22,243	...	5,693	5,693	2,27,936
30,693	24,031	5,527	361	29,919	...	29,919	...	774	774	30,693
1,63,594	33,80,176	6,82,730	23,910	40,91,816	744	40,91,072	46,308	1,24,091	1,70,899	42,61,971
11,03,660	2,32,09,054	46,93,803	3,32,036	2,82,34,893	2,155	2,82,32,738	1,23,318	7,50,353	8,73,671	2,91,06,409

of "Suspense Account."
do,

V. C. FRENCH,
Officiating Examiner, Public Works Accounts.

STATEMENT No.

Statement showing the Financial Results of Irrigation

Realizations under Main Heads of

Works.	REVENUE (ACTUAL RECEIPTS).												Revenue Manage		
	Irrigation.					Plan- tations.	Mis- cellane- ous.	Total.	Less— Refunds of Re- venue.	Gross Revenue less Refunds.	Deduct— Share due to old Irriga- tion.	Total, Revenue due to Improve- ment.	Establishment.		
	Direct.	Indirect.			Total.								Direc- tion.	Execu- tive.	Civil Officers.
		Water- rates directly paid.	Share of Land Revenue.	4 per cent. on $\frac{1}{8}$ ths of proceeds from sale of occupancy rights in waste or other lands up to end of year.												Total.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
MAJOR WORKS.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
PRODUCTIVE WORKS.															
1. Desert Canal ...	48,669	1,67,705	1,534	1,69,239	2,17,908	15	907	2,18,830	...	2,18,830	...	2,18,830	...	...	12,605
2. Unharwah ..	251	1,19,292	2,548	1,21,840	1,22,091	20	192	1,22,303	...	1,22,303	...	1,22,303	...	...	7,181
3. Begári Canal ...	17,201	4,23,151	7,331	4,30,482	4,47,633	15	1,280	4,48,978	888	4,48,090	33,613	4,14,477	...	...	28,985
4. Mahiwah ...	301	1,02,459	1,333	1,03,791	1,04,092	12	150	1,04,254	1,373	1,02,881	...	1,02,881	...	...	6,084
5. Eastern Nara Works.	2,025	5,38,169	515	5,38,684	5,38,709	900	23,100	5,62,709	10	5,62,699	3,444	5,59,255	...	147	33,415
6. Jámráo Canal ...	1,52,651	4,83,580	15,886	4,99,466	6,52,117	465	17,044	6,69,626	230	6,69,396	...	6,69,396	...	32,920	19,300
7. Dád do. ...	1,424	1,41,615	3,063	1,44,683	1,46,107	392	775	1,47,274	84	1,47,190	63,913	63,277	...	...	11,631
8. Naulakhi do. (a) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
9. Nasrat do. ...	182	1,07,929	890	1,08,319	1,08,501	206	417	1,09,124	366	1,08,758	...	1,08,758	...	...	6,466
Total ...	2,22,704	20,81,899	32,605	21,14,504	23,37,208	2,025	43,865	23,83,098	2,951	23,80,147	1,20,970	22,59,177	...	33,067	1,25,707
MINOR WORKS AND NAVIGATION.															
10. Sukkur Canal ...	575	2,49,432	573	2,50,005	2,50,580	267	1,708	2,52,555	1,371	2,51,184	84,806	1,66,378	...	...	18,339
11. Ghár do. ...	5,025	8,04,032	3,757	8,07,789	8,12,814	14	8,753	8,21,581	202	8,21,379	1,35,512	6,85,867	...	...	54,214
12. Alibhar Kacheri Canal ...	298	19,867	678	20,545	20,843	...	127	20,970	1	20,969	17,505	3,464	...	...	1,910
13. Marak Great Canal...	2,546	1,15,969	2,020	1,17,989	1,20,535	...	839	1,20,874	47	1,20,827	59,437	61,390	...	...	9,466
14. Surfrazwah ...	1,541	44,517	1,038	45,555	47,096	...	331	47,427	4	47,423	18,606	28,617	...	...	8,510
15. Fuleli Canal ...	32,138	6,73,990	7,555	6,81,545	7,13,683	199	18,595	7,30,477	206	7,30,211	2,44,549	4,85,662	...	...	52,169
16. Hassanali Canal ...	...	28,800	34	28,834	28,834	...	32	28,866	3	28,863	...	28,863	...	...	1,723
17. Suttah Canal (a) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Total ...	42,123	19,36,607	15,655	19,52,262	19,91,385	480	27,885	20,22,750	1,894	20,20,856	5,60,615	14,60,241	...	...	1,41,362
GRAND TOTAL ...	2,64,827	40,18,506	48,260	40,66,766	43,31,593	2,505	71,750	44,05,848	4,845	44,01,503	6,81,585	37,19,418	...	33,067	2,67,069
Works for which only Revenue Accounts are kept ...	14,279	24,15,649	39,163	24,54,812	24,69,091	781	27,205	24,97,077	8,157	24,88,920	...	24,88,920	...	...	1,46,038

(a) Works under construction.

I-C.

Works in Sind for the year ended 31st March 1904.

Revenue and Working Expenses.

WORKING EXPENSES.																NET REVENUE.	
Total, Revenue Manage- ment.	Maintenance and Repairs.									Indirect Charges	Grand Total, Working Expenses.	Deduct—Old Mainte- nance Charges.			Total, Working Expenses on Improve- ments.	Total.	Due to Improve- ments.
	Establishment.			Works.	Repairs.	Sun- dries.	Planta- tions.	Tools and Plant.	Total Cost of Main- tenance.			Direct.	In- direct.	Total.			
	Direc- tion.	Execu- tive.	Total.														
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
12,695	4,639	16,286	19,925	7,473	88,424	...	88	1,001	1,16,911	3,156	1,32,762	...	...	...	1,32,762	86,068	86,068
7,181	1,427	4,704	6,131	3,249	25,050	...	125	240	35,395	858	43,434	...	...	...	43,434	78,869	78,869
28,985	2,855	17,084	19,939	2,117	55,014	...	838	591	78,579	3,081	1,10,648	8,757	2	8,759	1,01,896	3,37,445	3,12,691
6,084	1,353	-1,946	-593	1,822	26,324	...	...	...	27,553	-83	33,554	...	...	...	33,554	60,327	69,327
33,562	3,344	16,266	19,610	...	57,558	(b) 16	744	180	76,108	2,767	1,14,437	344	...	344	1,14,093	4,48,262	4,45,162
52,220	10,977	24,302	35,279	922	1,30,190	...	7,023	3,597	1,77,011	9,546	2,38,779	...	...	...	2,38,779	4,30,617	4,30,617
11,581	3,873	18,488	17,361	...	74,481	...	451	384	92,677	2,431	1,06,689	44,070	1,138	45,214	61,475	40,501	1,802
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
6,466	5,082	6,389	11,471	...	34,488	...	366	282	46,607	1,606	54,679	...	...	...	54,679	54,679	54,679
1,58,774	33,550	95,573	1,39,123	15,583	4,92,204	16	9,635	5,275	6,52,341	23,364	8,34,979	53,177	1,140	54,317	7,80,662	15,45,193	14,78,515
18,339	2,532	13,204	15,736	19,042	32,256	...	192	400	67,620	2,203	88,102	13,256	106	13,362	74,800	1,63,022	91,578
54,214	4,030	28,707	32,877	7,490	76,397	...	585	537	1,17,886	4,625	1,76,723	18,680	161	18,841	1,57,884	6,44,654	5,27,983
1,910	209	1,084	1,293	...	4,940	...	...	7	6,240	181	8,331	9,078	188	9,266	-935	12,638	4,399
9,496	1,271	6,594	7,865	6,165	23,889	...	...	46	37,965	1,102	48,553	22,978	427	23,405	25,148	72,274	36,242
8,616	442	2,206	2,738	...	10,464	...	...	16	13,216	383	17,117	7,651	170	7,821	9,296	30,806	19,321
52,160	5,241	27,457	32,698	-700	1,24,620	...	417	2,713	1,59,748	4,600	2,16,517	1,14,265	2,096	1,16,361	1,00,156	5,13,094	3,85,506
1,728	179	942	1,121	259	3,983	...	...	88	5,452	157	7,387	...	...	...	7,337	21,526	21,526
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1,41,362	13,934	80,374	94,329	32,256	2,76,544	...	1,194	3,807	4,08,129	13,251	5,62,742	1,85,903	3,149	1,89,056	3,73,686	14,58,114	10,86,555
3,00,186	47,504	1,75,947	2,23,451	47,839	7,68,763	16	10,829	10,082	10,60,070	36,615	13,97,721	2,39,085	4,288	2,43,373	11,54,348	39,03,282	26,63,070
1,40,038	37,367	1,20,735	1,58,102	2,94,061	5,09,721	...	...	1,967	9,63,831	...	11,09,889	...	...	...	11,09,889	13,79,031	13,79,031

(b) On account of Suspense Account.

V. C. FRENCH,
Officiating Examiner, Public Works Accounts.

STATEMENT No. II—C.

*Statement showing the Financial Results of Irrigation Works in Sind for the year 1903-1904,
based on actual receipts.*

Irrigation Works.	Direct and Indirect Capital Outlay to end of 1903-1904.	REVENUE RECEIPTS.			WORKING EXPENSES.			Net Revenue due to Improvements.	Percentage of Net Revenue on Capital Outlay to end of year.	Simple Interest on Capital.	SURPLUS REVENUE AFTER PAYING INTEREST.		EXCESS CHARGES, INCLUDING INTEREST.	
		Gross Receipts, Direct and Indirect, from all sources.	Deduct—Share due to old Irrigation Works.	Total, Revenue due to Improvements.	Total Charges, Direct and Indirect.	Deduct, Old Maintenance charges.	Total, Working Expenses on Improvements.				Amount.	Percentage on total sum at charge.	Amount.	Percentage on total sum at charge.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MAJOR WORKS.														
PRODUCTIVE WORKS.														
1. Desert Canal	26,46,980	2,18,830	...	2,18,830	1,32,762	...	1,32,762	86,068	3.25	98,992	...	...	12,914	0.72
2. Unharwah	6,54,771	1,22,303	...	1,22,303	43,434	...	43,434	78,569	12.05	25,311	63,528	(b)	...	...
3. Begári Canal	17,06,799	4,48,090	33,613	4,14,477	1,10,645	8,759	1,01,866	3,12,591	18.31	66,302	2,46,289	(b)	...	...
4. Mahiwh	11,11,294	1,02,881	...	1,02,881	33,554	...	33,554	60,327	6.24	37,878	31,449	2.70	...	...
5. Eastern Nára Works	65,20,070	5,62,690	3,444	5,59,255	1,14,437	344	1,14,093	4,45,102	6.82	2,49,376	1,95,786	3.71	...	...
6. Jámrao Canal	84,30,703	6,69,396	...	6,69,396	2,38,779	...	2,38,779	4,30,617	5.11	3,21,361	1,09,256	1.20	...	...
7. Dád do.	22,18,061	1,47,180	83,013	63,277	1,60,689	45,214	61,475	1,802	0.08	81,450	...	...	79,618	3.74
8. Naulakhi do. (a)	5,145	...	...	...	...	...	...	...	...	99	...	...	99	1.91
9. Nasrat do.	15,41,289	1,08,758	...	1,08,758	51,679	...	51,679	54,079	3.50	50,618	3,431	0.21	...	...
Total, Major Works...	2,46,44,438	23,80,147	12,970	22,59,177	8,34,979	54,317	7,80,662	14,78,515	5.95	9,31,437	5,47,078	2.86	...	...
MINOR WORKS AND NAVIGATION.														
10. Sukkur Canal	14,21,017	2,61,184	84,806	1,69,378	88,102	13,362	74,800	91,578	6.41	51,234	37,344	2.10	...	...
11. Ghár do.	4,51,181	8,21,379	1,35,512	6,85,867	1,76,725	18,941	1,57,884	5,27,983	117.02	16,986	6,10,997	(b)	...	...
12. Alibhar Kacheri Canal	23,917	20,963	17,505	3,464	8,331	9,288	—935	4,309	18.39	923	3,471	(b)	...	...
13. Marak Great Canal	2,15,746	1,20,827	59,437	61,390	49,553	23,405	25,148	80,242	16.80	8,297	27,945	(b)	...	...
14. Surfrazwah	1,24,680	47,423	19,806	28,617	17,117	7,821	9,296	10,321	15.50	4,742	14,579	29.66	...	...
15. Fuleli Canal	17,66,901	7,90,211	2,44,549	4,85,662	2,16,517	1,16,361	1,00,156	3,85,506	21.82	67,741	3,17,765	(b)	...	...
16. Hassanali Canal	2,27,936	28,863	...	28,863	7,337	...	7,337	21,526	9.44	6,298	15,228	6.62	...	...
17. Suttah Canal (a)	30,633	...	...	...	...	...	...	...	...	581	...	...	581	1.63
Total, Minor Works and Navigation ...	42,61,971	20,20,856	5,60,615	14,60,241	5,02,742	1,89,056	3,73,686	10,89,555	25.40	1,59,787	9,24,768	(b)	...	...
GRAND TOTAL ...	2,91,06,409	44,01,003	6,81,595	37,19,418	13,97,721	2,43,373	11,54,348	25,65,070	8.81	10,91,224	14,73,846	24.08	...	...

(a) Works under construction.

(b) Total sum at charge on account of these works is minus, hence no percentages are shown.

V. C. FRENCH,
Officiating Examiner, Public Works Accounts.

STATEMENT No. III—C.

Demands and Realizations during the year 1903-1904 in Sind.

Irrigation Works.		Balance of demands unrealized at commencement of year. (a)	Demands of year.	Total.	Deduct Remissions, including Cash Refunds.	Net Total.	Deduct Amount unrealized at close of year.	Actual Total Receipts of year.	Deduct Share due to old Irrigation.	Total Revenue due to Improvements.
1		2	3	4	5	6	7	8	9	10
	MAJOR WORKS.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
	PRODUCTIVE WORKS.									
1	Desert Canal	1,03,221	3,81,632	4,84,853	24,367	4,60,486	2,41,656	2,18,830	...	2,18,830
2	Unharwah	13,343	1,66,475	1,79,818	211	1,79,607	57,304	1,22,303	...	1,22,303
3	Begári Canal	49,319	5,42,565	5,91,884	2,254	5,89,630	1,41,540	4,48,090	33,613	4,14,477
4	Mabiwah	980	1,07,441	1,08,421	1,373	1,07,048	4,167	1,02,881	...	1,02,881
5	Eastern Nára Works ...	10,287	5,60,263	5,70,550	46	5,70,504	7,805	5,62,699	3,444	5,59,255
6	Jámráo Canal	1,37,017	6,94,288	8,31,305	25,850	8,05,455	1,36,059	6,69,396	...	6,69,306
7	Dád do.	7,779	1,50,490	1,58,269	625	1,57,644	10,454	1,47,190	83,913	63,277
8	Naulakhi do. (b) ...	...	...	...	...	...	...	...	...	...
9	Nasrat do.	946	1,11,594	1,12,540	366	1,12,174	3,416	1,03,758	...	1,03,753
	Total, Major Works ...	3,22,892	27,14,748	30,37,640	55,092	29,82,548	6,02,401	23,80,147	1,20,970	22,59,177
	MINOR WORKS AND NAVIGATION.									
10	Sukkur Canal	23,965	2,63,385	2,87,350	1,412	2,85,938	34,764	2,51,184	84,803	1,66,378
11	Ghár do.	35,714	8,21,690	8,57,404	202	8,57,202	35,823	8,21,379	1,35,512	6,85,867
12	Alibhar Kacheri Canal ...	1,692	20,051	21,743	1	21,742	773	20,969	17,505	3,464
13	Marak Great do. ...	5,653	1,20,139	1,25,792	47	1,25,745	4,918	1,20,827	59,437	61,300
14	Surfrázwah	5,659	46,185	51,844	4	51,840	4,477	47,423	18,306	23,617
15	Fuleli Canal	69,685	7,11,386	7,81,071	870	7,80,201	49,900	7,30,211	2,44,549	4,85,662
16	Hasanali do.	2,606	36,136	38,742	3	33,739	9,876	23,863	...	23,863
17	Suttah do. (b) ...	...	...	...	...	...	...	...	...	...
	Total, Minor Works and Navigation ...	1,44,974	20,18,972	21,63,946	2,539	21,61,407	1,40,551	20,20,856	5,60,615	14,60,241
	GRAND TOTAL ...	4,67,866	47,33,720	52,01,586	57,631	51,43,955	7,42,952	44,01,003	6,81,585	37,19,418

(a) Correct balances as per Canal Returns Nos. VIII-A and IX for 1903-1904, rendered by Civil Officers.

(b) Works under construction.

V. C. FRENCH,
 Officiating Examiner, Public Works Accounts.

STATEMENT

Statement showing the Financial Results of Irrigation Works in Sind

Principal Results of Operations

Irrigation Works.		Capital Outlay (Direct and Indirect) to end of year.	REVENUE ASSESSED					
			Direct Revenue.				Indirect Revenue Revenue due to opera canal.	
			Occupier's rate.	Planta-tions.	Miscella-neous.	Total.	Share of Land Revenue.	4 per cent. on 1/4ths of proceeds from sale of occupancy rights in waste or other lands up to end of year.
1		2	3	4	5	6	7	8
MAJOR WORKS.		Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
PRODUCTIVE WORKS.								
1	Desert Canal... ..	26,46,386	1,02,728	15	907	1,03,650	2,76,448	1,534
2	Unharwah	6,54,771	275	20	192	487	1,63,440	2,548
3	Begári Canal	17,06,799	46,868	15	1,280	48,163	4,87,071	7,331
4	Mahiwah	11,11,294	551	12	150	713	1,05,395	1,333
5	Eastern Nára Works ...	65,26,970	3,026	900	23,100	27,026	5,32,722	515
6	Jámráo Canal	84,30,703	1,63,817	465	17,044	1,81,326	4,97,076	15,886
7	Dad do.	22,18,081	2,243	392	775	3,410	1,44,012	3,068
8	Naulakhi do. (a)	5,145	...	...	...	...	.....	...
9	Nasrat do.	15,44,289	226	206	417	849	1,10,355	890
Total, Major Works ...		2,48,44,438	3,19,734	2,025	43,865	3,65,624	23,16,519	32,605
MINOR WORKS AND NAVIGATION.								
10	Sukkur Canal	14,21,017	1,515	267	1,708	3,490	2,59,822	573
11	Ghár do.	4,51,181	6,090	14	8,753	14,857	8,03,076	3,757
12	Alibhar Kacheri Canal ...	23,917	442	...	127	569	18,804	678
13	Marak Great do.	2,15,746	2,652	...	339	2,991	1,15,128	2,020
14	Sarfrazwah	1,24,680	2,617	...	331	2,948	42,199	1,038
15	Fuleli Canal	17,66,801	34,042	199	16,595	50,836	6,52,995	7,555
16	Hasanali do.	2,27,936	...	...	32	32	36,070	84
17	Suttah do. (a)	30,698	...	...	...	...	.....	...
Total, Minor Works and Navigation ...		42,61,971	47,358	480	27,885	75,723	19,27,594	15,655
GRAND TOTAL ...		2,91,06,409	3,67,092	2,505	71,750	4,41,347	42,44,113	48,260

(a) Works under construction.

No. IV-C.

*for the year ended 1903-1904, based on the Assessment of the year.**for the year ended 31st March 1904.*

DURING THE YEAR.					WORKING EXPENSES.			NET REVENUE OF THE YEAR.		Percent- age on Capital Outlay to end of year (Im- prove- ments only).
—Land tion of										
Total.	Refunds of Revenue.	Grand Total.	Deduct— Share due to old Irrigation.	Total Revenue due to Improve- ments.	Total Charges, Direct and Indirect.	Deduct— Old Main- tenance Charges.	Total Work- ing Expenses on Improve- ments.	Total.	Due to Improve- ments.	
9	10	11	12	13	14	15	16	17	18	19
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
2,77,982	...	3,81,632	...	3,81,632	1,32,762	...	1,32,762	2,48,870	2,48,870	9.40
1,65,988	...	1,66,475	...	1,66,475	43,434	...	43,434	1,23,041	1,23,041	18.79
4,94,402	888	5,41,677	33,613	5,08,064	1,10,645	8,759	1,01,886	4,31,032	4,06,178	23.80
1,06,728	1,373	1,06,068	...	1,06,068	33,554	...	33,554	72,514	72,514	6.53
5,33,237	10	5,60,253	3,444	5,56,809	1,14,437	344	1,14,093	4,45,816	4,42,716	6.78
5,12,962	230	6,94,058	...	6,94,058	2,38,779	...	2,38,779	4,55,279	4,55,279	5.40
1,47,080	84	1,50,406	83,913	66,493	1,06,689	45,214	61,475	43,717	5,018	0.23
...	...	...	...	...	...	...	...	...	...	...
1,10,745	366	1,11,228	...	1,11,228	54,679	...	54,679	56,549	56,549	3.66
23,49,124	2,951	27,11,797	1,20,970	25,90,827	8,34,979	54,317	7,80,662	18,76,818	18,10,165	7.29
2,59,895	1,371	2,62,014	84,806	1,77,208	88,162	13,362	74,800	1,73,852	1,02,408	7.21
8,06,833	202	8,21,488	1,35,512	6,85,976	1,76,725	18,841	1,57,884	6,44,763	5,28,092	117.05
19,482	1	20,050	17,505	2,545	8,331	9,266	—935	11,719	3,480	14.55
1,17,148	47	1,20,092	59,437	60,655	48,553	23,405	25,148	71,539	35,507	16.46
43,237	4	46,181	18,806	27,375	17,117	7,821	9,296	29,064	18,079	14.50
6,60,550	266	7,11,120	2,44,549	4,66,571	2,16,517	1,16,361	1,00,156	4,94,603	3,66,415	20.74
36,104	3	36,133	...	36,133	7,337	...	7,337	28,796	28,796	12.63
...	...	...	...	...	...	...	...	...	...	...
19,43,249	1,894	20,17,078	5,60,615	14,56,463	5,62,742	1,89,056	3,73,686	14,54,336	10,82,777	25.41
42,92,373	4,845	47,28,875	6,81,585	40,47,290	13,97,721	2,43,373	11,54,348	33,31,154	28,92,042	9.94

V. C. FRENCH,

Officiating Examiner, Public Works Accounts.

General Abstract of Financial Results of Irrigation

		MAJOR WORKS--PRODUCTIVE WORKS.										MINOR WORKS AND NAVIGATION-- AND REVENUE ACCOUNTS				
		Works in Operation.									Total.	Works in Operation.				
		Desert Canal.	Onharwab	Begāri Canal.	Mahiwah.	Eastern Nāra Works.	Jāmīnāo Canal.	Dād Canal.	Nasrat Canal.	Naulakhi Canal.		Sukkur Canal.	Ghār Canal.	Alibhar Kacheri Canal.	Marak Great Canal.	Sar-frazwah.
Capital Outlay.		Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
During year...	Direct ...	53,649	4,432	...	1,47,305	1,29,180	1,43,286	89,428	3,86,292	4,962	9,08,534	7,945	...	...	...	...
	Indirect...	1,842	116	...	8,575	2,807	11,997	6,414	5,248	39	31,532	138	...	...	...	...
	Total ...	54,991	4,548	...	1,56,880	1,31,987	1,55,283	95,842	3,41,540	4,995	9,40,066	8,083	...	...	...	...
To end of year.	Direct ...	25,70,617	6,37,303	16,57,544	10,83,740	63,09,760	82,07,967	21,52,448	15,17,167	5,112	2,41,41,666	13,80,291	4,25,266	23,207	2,07,436	1,16,549
	Indirect...	75,769	17,468	40,255	27,554	2,17,210	2,22,716	65,635	27,132	39	7,02,772	60,736	25,915	710	8,310	6,121
	Total ...	26,46,386	6,54,771	17,06,799	11,11,294	65,26,970	84,30,703	22,18,081	15,44,299	5,145	2,48,44,438	14,21,017	4,51,181	23,917	2,15,746	1,22,670
Gross Revenue.																
During year...	Direct ...	49,591	463	19,496	463	26,023	1,70,160	—269	805	...	2,65,734	2,550	13,792	425	2,855	1,872
	Indirect...	1,69,239	1,21,840	8,95,991	1,03,418	5,33,230	4,99,236	63,551	1,07,953	...	19,93,448	1,63,628	6,72,075	3,039	58,505	26,745
	Total ...	2,18,830	1,22,303	4,14,477	1,02,881	5,59,255	6,69,396	63,282	1,08,758	...	22,59,182	1,66,278	6,85,867	3,464	61,390	28,617
To end of year.	Direct ...	7,62,537	3,827	8,46,273	1,194	9,10,938	2,31,034	—3,016	805	...	27,43,562	56,254	3,54,280	19,094	95,558	62,328
	Indirect...	32,20,030	17,98,025	86,76,722	1,45,591	1,21,29,093	18,01,972	1,44,443	1,07,953	...	2,80,23,819	30,71,819	1,98,99,078	1,56,027	16,61,890	5,64,226
	Total ...	39,82,567	18,01,852	95,22,995	1,46,775	1,30,40,081	20,23,006	1,41,427	1,08,758	...	3,07,67,411	31,28,073	2,00,53,353	1,75,111	17,56,948	6,26,554
Working Expenses.																
During year...	Direct ...	1,29,608	42,576	98,807	33,037	1,11,326	2,29,231	60,187	53,078	...	7,59,419	72,705	1,53,420	+ —928	24,473	9,083
	Indirect...	3,156	858	3,079	—83	2,767	9,545	1,293	1,606	...	22,224	2,097	4,404	—7	675	213
	Total ...	1,32,762	43,434	1,01,886	33,554	1,14,093	2,38,776	61,480	54,679	...	7,80,667	74,800	1,57,894	—935	25,148	9,296

Works in Sind for, and to end of, 1903-1904.

WORKS FOR WHICH CAPITAL ARE KEPT.				Grand Total.	MINOR WORKS AND NAVIGATION—WORKS FOR WHICH ONLY REVENUE ACCOUNTS ARE KEPT.							Expenditure on, and Receipts from, Agricultural Works for which neither Capital nor Revenue Accounts are kept.		
Works under Construction.			Total.		Works in Operation.							Expenditure.	Receipts.	
Fuleli Canal.	Hassan-ali Canal.	Sattah Canal.			Shikarpur Canals.	Western Nara District.	Karachi Canals.	Northern Hyderabad Canals.	Central Hyderabad Canals.	Fuleli Canals.	Total.			
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
BEGARI CANALS.														
												Extensions and Improvements.	1,054	...
												Maintenance and Repairs.	87,904	...
13,061	1,08,579	29,919	1,59,504	10,68,038	...	...	...	...	...	...	...	Maintaining Garden at Badin.	394	...
												Cadastral Survey	46,014	...
381	2,797	774	4,090	35,622	...	...	...	...	...	...	...	Begari Canal—Maintenance and Repairs.	5,383	...
												Establishment { Direction	6,759	...
												Executive	83,548	...
												Tools and Plant	180	...
												Share of collection charges	3,656	...
												Direct Receipts	...	745
												Irrigation share of Land Revenue	...	38,536
												4 per cent. on 9-10ths from sale of occupancy rights in lands.	...	325
13,442	1,11,376	30,693	1,63,594	11,03,660	...	...	...	...	...	...	...	Total, Begari Canals	1,84,530	39,610
SHIKARPUR CANALS.														
17,04,161	2,22,243	29,919	40,91,072	2,82,32,738	...	...	...	...	...	...	...	Sukkur and Begari Bund. { Extensions and Improvements.	195	...
												Maintenance and Repairs.	56,234	...
82,640	5,693	774	1,70,899	8,73,671	...	...	...	...	...	...	...	Kassimpur Bund—Maintenance and Repairs.	2,638	...
												Tolsi Dhand ... { Extensions and Improvements.	17	...
												Maintenance and Repairs.	1,066	...
17,66,801	2,27,936	30,693	42,61,971	2,91,06,409	...	...	...	...	...	...	...	Survey for the Improvement of Irrigation in Rohri.	2,249	...
												Establishment { Direction	2,677	...
												Executive	14,630	...
												Tools and Plant	900	...
												Share of collection charges	2,044	...
												Direct Receipts	...	567
												Irrigation share of Land Revenue	...	41,020
												4 per cent. on 9-10ths from sale of occupancy rights in lands.	...	1,156
48,910	32	...	70,472	3,36,206	7,259	17,915	10,958	1,891	3,158	1,084	42,265	Total, Shikarpur Canals	81,650	45,775
WESTERN NARA DISTRICT.														
4,36,746	28,831	...	13,89,769	33,83,317	(a) 5,66,788	8,79,483	4,61,019	2,12,316	2,61,085	55,664	24,46,655	Nara Bunds ... { Extensions and Improvements.	21,309	...
												Maintenance and Repairs.	14,256	...
												Establishment { Direction	1,701	...
												Executive	6,343	...
4,85,662	28,868	...	14,80,241	37,19,423	5,94,047	8,97,393	4,61,977	2,14,207	2,64,213	57,048	24,88,920	Tools and Plant	100	...
												Share of collection charges	672	...
												Direct Receipts	...	89
												Irrigation share of Land Revenue	...	11,212
												4 per cent. on 9-10ths from sale of occupancy rights in lands.	...	20
11,34,824	32	...	17,22,300	44,65,952	...	...	...	...	...	...	...	Total, Western Nara District	44,381	11,311
GHAR CANALS.														
1,12,49,508	28,831	...	3,64,30,874	6,44,54,693	...	...	...	...	...	...	...	Ghar Bunds ... { Extensions and Improvements.	633	...
												Maintenance and Repairs.	11,258	...
												Sukkur Canal do.	4,021	...
												Ghar do.	4,135	...
												Establishment { Direction	767	...
												Executive	3,520	...
												Tools and Plant	150	...
												Share of collection charges	22,349	...
												Direct Receipts	...	101
												Irrigation share of Land Revenue	...	2,25,606
												4 per cent. on 9-10ths from sale of occupancy rights in lands.	...	27
1,23,64,332	28,863	...	3,81,53,234	6,89,20,645	...	...	...	...	...	...	...	Total, Ghar Canals	46,833	2,25,734
KARACHI CANALS.														
97,652	7,180	...	3,63,683	11,22,028	1,63,395	3,87,819	3,23,550	93,089	1,15,262	26,825	11,09,839	Mathematical Instruments Depot:—		
												Establishment { Direction	...	...
												Executive	1,516	...
2,504	157	...	10,103	32,327	...	...	...	...	...	...	...	Tools and Plant	14,805	...
												Direct Receipts	...	56
1,00,156	7,337	...	3,73,686	11,54,353	1,63,395	3,87,819	3,23,550	93,089	1,15,262	26,825	11,09,839	Total, Karachi Canals	16,321	56

(a) Excluding loss of revenue of Rs. 66-4-3, vide Government Resolution (Revenue Department) No. 5976 of 8th August 1895.

General Abstract of Financial Results of Irrigation

		MAJOR WORKS—PRODUCTIVE WORKS.										MINOR WORKS AND NAVIGATION— AND REVENUE ACCOUNTS				
		Works in Operation.									Total.	Works in				
		Desert Canal.	Unharwāh	Begāri Canal.	Mahī- wāh.	Eastern Nāra Works.	Jāmrao Canal.	Dād Canal.	Nas- rat Canal.	Naulakhi Canal.		Sukkur Canal.	Ghār Canal.	Alibhar Kacheri Canal.	Marak Great Canal.	Sur- trawāh.
		Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
<i>Working Expenses— continued.</i>																
To end of year.	Direct ...	17,11,806	6,00,361	32,05,377	84,189	41,79,063	7,33,299	1,94,689	63,073	...	1,10,61,866	16,08,469	57,27,572	1,07,702	6,46,831	3,76,146
	Indirect ...	41,400	7,745	75,900	—1,090	1,60,952	28,408	4,785	1,606	...	3,19,706	44,916	1,42,967	3,733	19,937	12,439
	Total ...	17,53,206	6,08,106	32,81,277	83,099	46,40,015	7,61,707	1,99,483	64,679	...	1,13,81,572	16,54,387	58,70,539	1,11,435	6,66,768	3,88,585
<i>Net Revenue.</i>																
During year ...		86,068	78,869	3,12,591	69,327	4,45,162	4,30,617	1,902	54,079	...	14,78,615	91,578	5,27,983	4,399	36,242	19,321
To end of year ...		22,29,361	11,93,746	62,41,718	63,676	84,00,016	12,61,299	—53,056	54,079	...	1,93,85,839	14,73,686	1,41,92,814	63,676	10,69,180	2,37,969
<i>Simple Interest.</i>																
During year ...		98,982	25,341	66,302	37,978	2,49,378	3,21,361	81,450	50,648	99	9,31,437	...	...	...	...	...
To end of year ...		15,89,072	3,65,639	20,03,824	86,896	69,48,018	18,55,642	3,40,519	1,10,869	134	1,31,00,013	...	...	...	...	...
<i>Net Profit after paying off Interest.</i>																
During year ...		—12,914	58,528	2,46,289	31,449	1,95,786	1,09,256	—79,648	3,431	—99	5,47,078	...	...	...	...	...
To end of year ...		8,40,289	8,28,707	42,37,894	—23,220	14,61,898	—5,94,343	—3,98,575	—56,790	—134	62,66,828	...	...	...	...	...

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MENT I-E.
in Sind during the year 1903-1904.

AVERAGE DISCHARGE IN CUBIC FEET PER SECOND				AREA IRRIGATED PER CUBIC FOOT PER SECOND				Δ = DEPTH OF WATER USED ON AREA IRRIGATED.		Remarks.
At Head.		Utilized.		At Head.		Utilized.				
Kharif.	Rabi.	Kharif.	Rabi.	Kharif.	Rabi.	Kharif.	Rabi.	Kharif.	Rabi.	
10	11	12	13	14	15	16	17	18	19	
C. ft.	C. ft.	C. ft.	C. ft.	Acres.	Acres.	Acres.	Acres.	Feet.	Feet.	20
776		776		61		61		5.2		The high rabi Δ is partly accounted for by 93,449 acres of cotton, a kharif crop being watered for a few months in the rabi season.
1,569		1,569		131		131		3.7		
1,400		1,400		61		61		4.5		
3,003		3,003		105		105		4.3		
3,101	2,725	3,015	2,514	58	39	60	42	4.6	8.0	
2,802		2,802		26		26		9.6		
1,599		1,599		32		32		8.2		
2,325	869	2,325	869	50	34	50	34	5.7	10.2	
1,103		1,103		49		49		8.6		
160		160		148		143		2.5		
2,175	372	2,175	372	33	155	33	155	6.8	2.1	The low kharif duty is partly owing to water for rabi being given in the kharif season.
3,873		3,873		99		99		4.2		
183		183		55		55		6.3		
994		994		56		56		5.7		
494		494		58		58		5.0		
5,435	1,635	5,325	1,224	56	37	58	49	6.3	7.3	In calculating duty, the area under sugarcane of 920 acres is included in kharif only, but in calculating Δ, it is included in both kharif and rabi.
507		507		31		31		8.8		
381		381		38		38		7.9		
1,831		1,831		43		43		7.2		
293		293		29		29		8.9		
227		227		63		63		4.0		The average discharges of these canals have been calculated on 91.122 and 86 days, respectively, and not on the total number of days in flow, which makes their duties lower and Δ's higher than they would otherwise be.
1,348		1,348		40		40		6.3		
934		934		42		42		6.0		

30th September and the rabi season from 1st October to 30th April.
discharges of some Canals not having been measured throughout the whole number of days they were flowing.

STATEMENT II—E.

Statement showing Incidence of Working Expenses on Assessed Revenue on Canals in Sind during the year 1903-1904.

Name of Canal.	Average discharge of the year at Canal Head in Cubic feet per Second.	WATER-RATE ASSESSED, 1903-1904.					Gross Assessed Revenue from all sources.	Working Expenses, Direct and Indirect.	Acres irrigated during the year.	WORKING EXPENSES.			90 PER CENT. OF NET CONSOLIDATED ASSESSMENT.		TOTAL WATER-RATE, DIRECT AND INDIRECT.	
		Occupier's.	Owner's.	Total Direct.	Indirect.	Total Direct and Indirect.				Per cent. on Gross Revenue.	Per Acre irrigated.	Per Cubic foot per Second of discharge at Canal Head.	Per Acre irrigated.	Per Cubic foot per Second of discharge at Canal Head.	Per Acre irrigated.	Per Cubic foot per Second of discharge at Canal Head.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
MAJOR WORKS.																
<i>Productive Works.</i>																
Shikarpur Canals ... Mahiwah ...	954	551	...	551	1,06,728	1,07,279	1,06,068	83,554	44,440	31'63	0'76	85'17	2'44	110'47	2'41	112'45
Begari Canals ... { Desert Canal ...	3,527	1,02,728	...	1,02,728	2,77,982	3,80,710	3,81,632	1,32,762	207,615	34'78	0'64	37'64	2'03	78'38	1'83	107'94
Unbarwah ...	1,847	275	...	275	1,65,188	1,66,263	1,66,475	43,434	81,296	26'09	0'58	23'52	2'01	88'50	2'05	90'03
Begari Canal ...	5,518	46,868	...	46,868	4,94,402	5,41,270	5,41,677	1,10,616	271,069	20'42	0'41	19'95	2'30	87'82	2'00	97'60
Jamrao Canal District. Jamrao Canal ...	2,900	1,63,817	...	1,63,817	5,12,732	6,76,549	6,94,058	2,38,779	271,728	34'41	0'88	82'34	1'83	171'41	2'49	233'29
Northern Hyderabad Canals District. { Dad Canal ...	3,083	2,243	...	2,243	1,46,996	1,49,239	1,50,406	1,05,551	73,797	70'18	1'43	34'24	1'05	46'71	2'02	48'41
Nasrat Canal ...	1,866	226	...	226	1,10,379	1,10,605	1,11,228	54,679	52,072	49'16	1'05	29'30	2'12	59'14	2'12	59'27
Eastern Nara District. { Mithran Canal ...	1,936	574	...	574	3,26,867	3,27,441	3,85,444	51,847	140,193	15'46	0'37	26'78	2'33	168'72	2'38	169'13
Thar Canal ...	1,194	1,661	...	1,661	1,10,260	1,11,921	1,13,319	24,107	52,395	21'27	0'46	20'19	2'10	92'29	2'13	93'74
Eastern Nara ...	...	791	...	791	23,787	29,578	29,583	13,642	48,039	26'11	0'28	...	1'40	...	0'62	...
Hiral Canal ...	185	...	...	...	67,313	67,313	61,907	24,841	20,321	30'33	1'22	134'28	1'41	155'39	3'31	363'85
Total, Major Works ...	23,038	3,19,734	...	3,19,734	23,48,434	26,68,168	27,11,797	8,33,841	1,262,905	30'67	0'66	36'19	...	...	3'11	115'61
MINOR WORKS.																
<i>Works for which Capital and Revenue Accounts are kept.</i>																
Ghar Canals ... { Sukkur Canal ...	1,099	1,515	...	1,515	2,59,695	2,61,410	2,62,014	89,162	96,049	33'05	0'92	80'22	2'78	235'96	2'72	237'86
Ghar Canal ...	6,391	6,090	...	6,090	8,06,833	8,12,923	8,21,488	1,76,725	284,475	21'51	0'62	27'65	2'99	125'68	2'86	127'20
Central Hyderabad Canals District. { Alibhar Kacheri ...	223	442	...	442	19,481	19,923	20,050	8,143	10,032	40'61	0'81	36'68	1'87	84'70	1'99	89'74
Marak ...	1,257	2,652	...	2,652	1,17,101	1,19,753	1,20,092	48,126	55,346	40'07	0'67	38'29	2'08	91'59	2'16	95'27
Sariraz ...	568	2,617	...	2,617	43,233	46,850	46,181	16,947	28,326	36'70	0'60	30'37	1'49	75'63	1'62	82'17
Fuleli Canals District. { Fuleli Canal ...	6,957	34,042	...	34,042	6,60,284	6,94,326	7,11,120	2,14,421	365,044	30'15	0'62	30'82	1'79	93'66	1'90	99'80
Hasanali Canal ...	493	309	...	309	36,101	36,410	36,442	7,337	15,906	20'13	0'46	14'68	2'27	73'16	2'29	73'85
Total, Minor Works ...	16,977	47,667	...	47,667	19,42,928	19,90,695	20,17,387	5,59,861	855,178	27'75	0'63	32'98	...	...	2'32	117'25
Grand Total ...	40,015	3,67,401	...	3,67,401	42,91,362	46,58,863	47,29,184	13,93,702	2,118,083	29'47	0'65	34'82	...	...	2'19	116'42

STATEMENT III—E.

Statement of Quantity and Value of Crops irrigated in Sind during the year 1903-1904.

Description of Crops.		BEGÁRI CANALS DISTRICT.								
		Desert Canal.			Unharwah.			Begári Canal.		
		Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.
1		2	3	4	5	6	7	8	9	10
		Acres.	Rs.	Rs.	Acres.	Rs.	Rs.	Acres.	Rs.	Rs.
Kharif	Rice ...	6,648	1,02,059	15	3,485	45,971	13	42,333	7,28,059	17
	Jowári ...	68,525	9,46,480	14	18,346	1,92,388	10	100,735	13,82,029	14
	Bájri ...	48,871	4,67,451	10	27,913	2,79,493	10	22,385	2,35,401	11
	Cotton ...	249	21,055	85	35	2,651	76	12	308	26
	Other crops ...	25,963	1,11,675	4	13,056	20,477	2	41,188	3,80,381	9
	Total ...	150,256	16,48,720	11	62,835	5,40,980	9	206,653	27,26,178	13
Rabi	Wheat ...	12,018	4,38,749	37	6,678	1,92,432	29	10,167	2,99,425	29
	Barley ...	22	440	20	48	960	20	31	533	17
	Oil-seeds ...	39,395	6,48,219	16	6,102	72,231	12	33,289	5,77,883	17
	Other crops ...	19,382	1,66,708	9	10,113	81,766	8	66,719	5,64,249	8
	Total ...	70,817	12,54,116	18	22,941	3,47,389	15	110,156	14,42,090	13
Total under both Heads ...		221,073	29,02,836	13	85,776	8,88,369	10	316,809	41,68,268	13

Description of Crops.		BEGÁRI CANALS DISTRICT—continued.						SHIKÁRPUK CANALS DISTRICT.		
		Káshmor Bund.			Total.			Mabiwah.		
		Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.
1		11	12	13	14	15	16	17	18	19
		Acres.	Rs.	Rs.	Acres.	Rs.	Rs.	Acres.	Rs.	Rs.
Kharif	Rice ...	170	2,376	14	52,636	8,78,465	17	2,783	42,150	15
	Jowári ...	163	939	6	187,769	25,21,836	13	22,335	2,98,226	13
	Bájri ...	561	2,759	5	99,730	9,85,104	10	6,802	84,701	12
	Cotton ...	1	72	72	297	24,086	81	94	1,712	18
	Other crops ...	571	1,155	2	80,778	5,13,688	7	1,169	23,000	20
	Total ...	1,466	7,301	5	421,210	49,23,179	12	33,183	4,49,789	14
Rabi	Wheat ...	1,794	48,876	27	30,657	9,79,482	32	11,256	2,25,120	20
	Barley ...	56	1,102	19	157	3,035	19	26	390	15
	Oil-seeds ...	234	5,015	21	78,970	13,03,348	17	1,544	19,059	12
	Other crops ...	160	2,043	13	96,374	8,14,766	8	1,462	10,681	7
	Total ...	2,244	57,036	25	206,158	31,00,631	15	14,288	2,55,250	18
Total under both Heads ...		3,710	64,337	17	627,368	80,23,810	13	47,471	7,05,039	15

STATEMENT III—E—*continued.*

SHIKÁRPUR CANALS DISTRICT—continued.										
Description of Crops.	Other Canals in Rohri.			Sind Canal.			Garang Canal.			
	Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.	
1	20	21	22	23	24	25	26	27	28	
	Acres.	Rs.	Rs.	Acres.	Rs.	Rs.	Acres.	Rs.	Rs.	
Kharif ... {	Rice ...	7,467	1,12,438	15	26,212	4,65,366	18	17	227	13
	Jowári ...	51,207	7,65,508	15	36,845	4,60,344	13	2,690	39,240	15
	Bájri ...	9,486	1,24,343	13	3,519	35,889	10	100	1,335	13
	Cotton ...	622	14,263	23	33	495	15	21	315	15
	Other crops ...	3,068	72,596	24	7,137	1,72,510	24	191	9,543	50
Total ..	71,850	10,89,148	15	73,746	11,34,604	15	3,019	50,660	17	
Rabi ... {	Wheat ...	25,707	6,40,250	25	14,313	2,45,782	17	2,497	56,183	23
	Barley ...	61	1,248	20	27	291	10	8	120	15
	Oil-seeds ...	3,721	52,627	14	2,316	33,913	15	422	5,593	13
	Other crops ...	2,494	27,115	11	15,818	2,12,305	13	378	14,452	38
Total ..	31,983	7,21,240	23	32,474	4,92,291	15	3,305	76,348	23	
Total under both Heads ...	103,833	18,10,388	17	106,220	16,26,895	15	6,324	1,27,008	20	

SHIKÁRPUR CANALS DISTRICT—continued.										
Description of Crops.		Rajib Canal.			Chitti Canal.			Sukkur-Begári Bund.		
		Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.
1		29	30	31	32	33	34	35	36	37
		Acres.	Rs.	Rs.	Acres.	Rs.	Rs.	Acres.	Rs.	Rs.
Kharif	{ Rice ...	357	4,760	13	285	3,800	13	72	960	13
	{ Jowári ...	5,243	69,907	13	5,051	67,348	13	4,579	60,814	13
	{ Bájri ...	89	1,188	13	240	3,202	13	140	1,535	11
	{ Cotton ...	1	15	15	21	315	15	8	120	15
	{ Other crops ...	265	10,033	38	722	34,891	48	137	6,267	46
Total ...		5,955	85,903	14	6,319	1,09,556	17	4,936	69,696	14
Rabi	{ Wheat ...	3,640	81,903	23	4,910	1,10,476	23	7,662	1,71,041	22
	{ Barley ...	1	15	15	8	129	16	4	55	14
	{ Oil-seeds ...	227	3,026	13	710	9,466	13	276	3,590	13
	{ Other crops ...	198	6,574	33	527	16,131	31	373	6,440	17
Total ...		4,066	91,518	23	6,155	1,36,202	22	8,315	1,81,126	22
Total under both Heads ...		10,021	1,77,421	18	12,474	2,45,758	20	13,251	2,50,822	19

STATEMENT III—E—continued.

Description of Crops.		SHIKÁRPUR CANALS DISTRICT—concluded.						GHÁR CANALS DISTRICT.		
		Kásimpur Bund.			Total.			Sakkur Canal.		
		Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.
1		38	39	40	41	42	43	44	45	46
		Acres.	Rs.	Rs.	Acres.	Rs.	Rs.	Acres.	Rs.	Rs.
Kharif	Rice	...	...	...	37,193	6,29,701	17	44,237	6,63,631	15
	Jowári	1,249	19,984	16	129,199	17,81,371	14	19,408	2,01,783	10
	Bájri	2	32	16	20,378	2,52,225	12	1,133	9,083	8
	Cotton	1	20	20	801	17,255	22	11	165	15
	Other crops	80	1,920	24	12,769	3,30,760	26	7,321	1,25,509	17
	Total	1,332	21,956	16	200,340	30,11,312	15	72,110	10,00,171	14
Rabi	Wheat	3,577	85,848	24	73,562	16,16,603	22	20,484	3,00,895	15
	Barley	4	64	16	139	2,312	17	88	453	12
	Oil-seeds	74	1,184	16	9,290	1,28,458	14	10,292	2,41,913	24
	Other crops	47	606	13	21,297	2,94,304	14	27,028	2,10,056	8
	Total	3,702	87,702	24	104,288	20,41,677	20	57,842	7,53,317	13
Total under both Heads		5,034	1,09,658	22	304,628	50,52,989	17	129,952	17,53,488	14

Description of Crops.		GHÁR CANALS DISTRICT—continued.								
		Ghár Canal.			Ghár Bunds.			Total.		
		Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.
1		47	48	49	50	51	52	53	54	55
		Acres.	Rs.	Rs.	Acres.	Rs.	Rs.	Acres.	Rs.	Rs.
Kharif	Rice	167,419	38,75,723	23	372	8,456	23	212,028	45,47,810	21
	Jowári	56,181	7,63,133	14	663	9,515	14	76,252	9,74,431	11
	Bájri	3,068	30,331	10	35	300	9	4,236	39,714	9
	Cotton	39	4,819	124	1	15	15	51	4,999	98
	Other crops	4,583	1,41,002	31	84	4,727	56	11,988	2,71,238	23
	Total	231,290	48,15,008	21	1,155	23,013	20	304,555	58,38,192	19
Rabi	Wheat	33,727	8,99,414	27	857	16,448	19	55,068	12,16,757	22
	Barley	125	1,753	14	1	15	15	164	2,221	14
	Oil-seeds	34,236	10,59,545	31	52	631	12	44,580	13,02,089	29
	Other crops	87,056	4,70,139	5	160	3,209	20	114,244	6,83,404	6
	Total	155,144	24,30,851	16	1,070	20,303	19	214,056	32,04,471	15
Total under both Heads		386,434	72,45,859	19	2,225	43,316	19	518,611	90,42,663	17

STATEMENT III—E—continued.

Description of Crops.		WESTERN NÁRA DISTRICT.			KARÁCHI CANALS DISTRICT.			INDUS RIGHT BANK DIVISION.		
		Canals and Bunds.			Canals and Bunds.			Total.		
		Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.
1		56	57	58	59	60	61	62	63	64
		Acres.	Rs.	Rs.	Acres.	Rs.	Rs.	Acres.	Rs.	Rs.
Kharif	{ Rice	85,535	15,51,535	18	144,619	12,84,113	9	532,011	88,91,624	17
	{ Jowári	120,053	18,54,505	15	1,658	11,690	7	514,961	71,43,833	14
	{ Bájri	18,800	2,40,889	13	26,543	2,23,167	8	1,69,687	17,41,099	10
	{ Cotton	442	5,849	13	29	213	7	1,620	52,402	32
	{ Other crops	4,006	1,20,339	30	5,596	30,285	5	115,137	12,66,310	11
Total		228,866	37,73,117	16	178,445	15,49,468	9	1,333,416	1,90,95,268	14
Rabi	{ Wheat	70,235	18,66,109	27	312	3,141	10	229,834	56,82,092	25
	{ Barley	1,320	24,892	19	6,071	36,267	6	7,851	68,727	9
	{ Oil-seeds	43,524	7,39,810	17	7,878	27,669	4	184,242	35,01,374	19
	{ Other crops	34,126	4,06,380	12	10,070	56,511	6	276,111	22,55,365	8
Total		149,205	30,37,191	20	24,331	1,23,588	5	698,038	1,15,07,558	16
Total under both Heads		378,071	68,10,308	18	202,776	16,73,056	8	2,031,454	3,06,02,826	15

Description of Crops.		JÁMRAO CANAL DISTRICT.			EASTERN NÁRA DISTRICT.					
		Jámrao Canal.			Nára Supply Channel.			Eastern Nára.		
		Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.
1		65	66	67	68	69	70	71	72	73
		Acres.	Rs.	Rs.	Acres.	Rs.	Rs.	Acres.	Rs.	Rs.
Kharif	{ Rice ...	730	15,166	21	1,635	29,430	18	5,304	69,681	13
	{ Jowári ...	1,947	21,283	11	3,074	49,184	16	172	2,236	13
	{ Bájri ...	71,774	8,18,455	11	154	2,464	16	13,057	1,50,026	11
	{ Cotton ...	98,989	25,30,170	26	42	840	20	679	25,594	38
	{ Other crops ...	7,092	1,28,967	18	77	1,857	24	903	10,970	12
Total ...		180,532	35,14,041	19	4,982	83,775	17	20,115	2,58,507	13
Rabi	{ Wheat ...	96,044	14,25,273	15	2,794	67,056	24	3,886	51,196	13
	{ Barley ...	431	4,249	10	7	112	16	85	933	11
	{ Oil-seeds ...	8,686	55,702	6	411	6,576	16	7,549	43,947	6
	{ Other crops ...	3,174	50,450	16	351	3,836	11	4,193	38,146	9
Total ...		108,335	15,35,674	14	3,563	77,580	22	15,713	1,34,222	9
Total under both Heads...		288,867	50,49,715	17	8,545	1,61,355	19	35,828	3,92,729	11

STATEMENT III—E—continued.

Description of Crops.		EASTERN NARA DISTRICT—continued.								
		Mithrau Canal.			Heran Canal.			Khipra Canal.		
		Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.
1		74	75	76	77	78	79	80	81	82
		Acres.	Rs.	Rs.	Acres.	Rs.	Rs.	Acres.	Rs.	Rs.
Kharif	Rice ...	90,415	12,37,380	14	167	2,169	13	38	491	13
	Jowári ...	206	2,346	11	69	782	11	20	285	14
	Bájrí ...	11,614	1,28,571	11	727	7,509	10	2,686	31,229	12
	Cotton ...	11,975	4,57,456	38	528	13,196	25	212	9,898	47
	Other crops...	1,388	24,983	18	25	1,017	41	196	3,455	18
	Total ...	115,598	18,50,736	16	1,516	24,673	16	3,152	45,358	14
Rabi	Wheat ...	21,873	2,78,252	13	226	3,257	14	162	2,092	13
	Barley ...	94	603	6	...	...	...	1	8	8
	Oil-seeds ...	2,076	12,122	6	3	19	6	1,765	10,628	6
	Other crops...	5,880	61,603	10	19	882	46	13	257	20
	Total ...	29,923	3,52,580	12	248	4,158	17	1,941	12,985	7
Total under both Heads ...		145,521	22,03,316	15	1,764	28,831	16	5,093	58,343	11

Description of Crops.		EASTERN NARA DISTRICT—concluded.								
		Thar Canal.			Hiral Canal.			Total.		
		Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.
1		83	84	85	86	87	88	89	90	91
		Acres.	Rs.	Rs.	Acres.	Rs.	Rs.	Acres.	Rs.	Rs.
Kharif	Rice ...	41,327	6,04,406	15	...	...	...	138,886	19,43,557	14
	Jowári ...	91	771	8	11	95	9	3,643	55,699	15
	Bájrí ...	2,947	11,421	4	9,889	1,14,961	12	41,074	4,46,181	11
	Cotton ...	2,241	89,627	40	1,952	1,02,460	52	17,629	6,99,071	40
	Other crops...	1,288	30,836	24	343	4,758	14	4,220	77,876	18
	Total ...	47,894	7,37,061	15	12,195	2,22,274	18	205,452	32,22,384	16
Rabi	Wheat ...	969	12,526	13	657	7,079	11	30,567	4,21,458	14
	Barley ...	5	66	13	6	26	4	198	1,748	9
	Oil-seeds ...	2,755	15,613	6	10,672	53,390	5	25,231	1,42,295	6
	Other crops...	2,496	26,419	11	137	3,043	22	13,089	1,34,186	10
	Total ...	6,225	54,624	9	11,472	63,538	6	69,085	6,99,687	10
Total under both Heads ...		54,119	7,91,685	15	23,667	2,85,812	12	274,537	39,22,071	14

STATEMENT III—E—continued.

Description of Crops.		NORTHERN HYDERABAD CANALS DISTRICT.								
		Dad Canal.			Nasrat Canal.			Other Canals.		
		Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value, per acre.
1		92	93	94	95	96	97	98	99	100
		Acres.	Rs.	Rs.	Acres.	Rs.	Rs.	Acres.	Rs.	Rs.
Kharif	{ Rice ...	972	7,175	7	191	2,307	12	1,683	20,036	12
	{ Jowári ...	18,177	2,19,682	12	17,986	2,50,374	14	50,797	6,32,601	12
	{ Bájrí ...	31,170	4,71,474	15	11,330	1,94,070	17	17,981	3,51,901	20
	{ Cotton ...	2,760	78,124	28	394	14,626	37	214	8,859	41
	{ Other crops ...	7,364	1,29,628	18	3,914	71,658	18	6,913	1,74,004	25
Total ...		60,443	9,06,083	15	33,815	5,33,035	16	77,588	11,87,401	15
Rabi	{ Wheat ...	3,302	81,668	25	5,081	1,51,094	30	11,079	3,06,717	28
	{ Barley ...	196	1,968	10	29	444	15	220	2,531	12
	{ Oil-seeds ...	10,083	2,32,479	23	14,234	3,46,140	24	3,955	80,178	20
	{ Other crops ...	549	12,857	23	325	15,860	49	1,175	38,862	33
Total ...		14,130	3,28,972	23	19,669	5,13,538	26	16,429	4,28,288	26
Total under both Heads ...		74,573	12,35,055	17	53,484	10,46,573	20	94,017	16,15,689	17

Description of Crops.		NORTHERN HYDERABAD CANALS DISTRICT—continued.			CENTRAL HYDERABAD CANALS DISTRICT.					
		Total.			Alibhar Kacheri.			Great Márah.		
		Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.
1		101	102	103	104	105	106	107	108	109
		Acres.	Rs.	Rs.	Acres.	Rs.	Rs.	Acres.	Rs.	Rs.
Kharif	{ Rice ...	2,846	29,518	10	...	...	...	680	8,839	13
	{ Jowári ...	86,960	11,02,657	13	663	9,291	14	1,920	24,147	13
	{ Bájrí ...	60,481	10,17,445	17	7,142	1,07,130	15	32,100	4,46,914	14
	{ Cotton ...	3,368	1,01,609	30	1,619	45,896	28	16,774	5,51,014	33
	{ Other crops ...	18,191	3,75,290	21	454	6,271	14	2,003	45,109	23
Total ...		171,846	26,26,519	15	9,878	1,68,088	17	53,477	10,76,023	20
Rabi	{ Wheat ...	19,462	5,39,479	28	28	588	21	159	3,898	25
	{ Barley ...	445	4,943	11	...	...	...	...	...	...
	{ Oil-seeds ...	28,272	6,58,797	23	74	1,888	26	1,113	25,616	23
	{ Other crops...	2,049	67,579	33	93	2,146	23	591	12,506	21
Total ...		50,228	12,70,798	25	195	4,622	24	1,863	42,020	23
Total under both Heads ...		222,074	38,97,317	18	10,073	1,72,710	17	55,340	11,18,043	20

STATEMENT III—E—continued.

Description of Crops.		CENTRAL HYDERABAD CANALS DISTRICT—continued.							
		Sarfaz.			Other Canals.			Total.	
		Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.
1		110	111	112	113	114	115	116	117
		Acres.	Rs.	Rs.	Acres.	Rs.	Rs.	Acres.	Rs.
Kharif	Rice ...	408	6,283	15	466	2,462	5	1,554	17,584
	Jowári ...	388	7,770	20	4,393	54,401	12	7,359	95,609
	Bájrí ...	19,022	3,51,458	18	93,542	13,81,301	15	151,806	22,86,803
	Cotton ...	5,608	1,12,160	20	36,068	7,93,336	22	60,069	15,01,906
	Other crops ...	1,639	58,126	35	7,387	2,53,996	34	11,483	8,63,502
	Total ...	27,060	5,35,797	20	141,856	24,85,496	18	232,271	42,65,404
Rabi	Wheat ...	277	6,459	23	2,695	51,065	19	3,159	62,010
	Barley ...	8	180	23	2	24	12	10	204
	Oil-seeds ...	412	8,993	22	3,410	82,799	24	5,009	1,19,296
	Other crops ...	789	28,359	30	4,387	97,912	22	5,860	1,35,923
	Total ...	1,486	38,991	26	10,494	2,31,800	22	14,038	3,17,433
Total under both Heads ...		28,546	5,74,788	20	152,350	27,17,296	18	246,309	45,82,837

Description of Crops.		FULELI CANALS DISTRICT.					
		Fuleli Canal.			Hasanali Canal.		
		Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.
1		119	120	121	122	123	124
		Acres.	Rs.	Rs.	Acres.	Rs.	Rs.
Kharif	Rice ...	181,923	23,32,160	13	9,715	2,91,450	30
	Jowári ...	2,951	48,457	16	515	7,725	15
	Bájrí ...	91,748	17,67,427	19	4,310	64,650	15
	Cotton ...	20,908	4,20,135	20	180	3,600	20
	Other crops ...	10,658	3,62,182	34	564	12,970	23
	Total ...	308,185	49,30,361	16	15,284	3,80,395	25
Rabi	Wheat ...	20,903	4,90,135	23	74	1,480	20
	Barley ...	2,441	17,714	7	9	270	30
	Oil-seeds ...	25,195	3,25,122	13	532	10,325	19
	Other crops ...	13,355	2,36,690	18	80	1,840	23
	Total ...	61,894	10,69,661	17	695	13,915	20
Total under both Heads ...		370,079	60,00,022	16	15,979	3,94,310	25

STATEMENT III—E—concluded.

Description of Crops.		FULELI CANALS DISTRICT—continued.					
		Other Canals.			Total.		
		Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.
1		125	126	127	128	129	130
		Acres.	Rs.	Rs.	Acres.	Rs.	Rs.
Kharif	{ Rice ...	9,274	2,30,706	25	200,912	28,54,316	14
	{ Jowári ...	451	7,004	16	3,917	63,186	16
	{ Bájri ...	11,457	2,05,599	18	107,515	20,37,676	19
	{ Cotton ...	431	8,492	20	21,516	4,32,227	20
	{ Other crops ...	438	17,464	40	11,660	3,92,616	34
	Total ...	22,051	4,69,265	21	345,520	57,80,021	17
Rabi	{ Wheat ...	695	15,249	22	21,672	5,06,864	23
	{ Barley ...	24	623	26	2,474	18,607	8
	{ Oil-seeds ...	592	5,458	9	26,319	3,40,905	13
	{ Other crops ...	630	19,860	32	14,065	2,58,390	18
	Total ...	1,941	41,190	21	64,530	11,24,766	17
Total under both Heads ...		23,992	5,10,455	21	410,050	69,04,787	17

Description of Crops.		TOTAL, INDUS LEFT BANK DIVISION.			GRAND TOTAL FOR SIND.		
		Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated Value.	Value per acre.
1		131	132	133	134	135	136
		Acres.	Rs.	Rs.	Acres.	Rs.	Rs.
Kharif	{ Rice ...	344,928	48,60,141	14	876,939	1,37,51,765	16
	{ Jowári ...	103,826	13,38,434	13	618,787	84,82,267	14
	{ Bájri ...	432,650	66,06,560	15	602,337	83,47,659	14
	{ Cotton ...	201,571	52,64,983	26	203,191	53,17,385	26
	{ Other crops ...	52,646	13,38,251	25	167,783	26,04,561	16
Total ...		1,135,621	1,94,08,369	17	2,469,037	3,85,03,637	16
Rabi	{ Wheat ...	170,904	29,55,084	17	400,738	86,37,176	22
	{ Barley ...	3,558	29,751	8	11,409	98,478	9
	{ Oil-seeds ...	93,517	13,16,935	14	277,759	48,18,369	17
	{ Other crops ...	38,237	6,46,528	17	314,348	29,01,893	9
Total ...		306,216	49,48,358	16	1,004,254	1,64,55,916	16
Total under both Heads ...		1,441,837	2,43,56,727	17	3,473,291	5,49,59,553	16

STATEMENT IV—E.

STATEMENT IV—

Comparative Statement of Irrigation and Rainfall

Civil District.	OF THE CIVIL DISTRICT.			WORKS SUPPLYING IRRIGATION.		Culturable Area commanded by the irrigation works in column 6 in Acres.
	Total Area in Acres.	Culturable Area in Acres.	Cultivated Area in Acres.	No.	Name.	
1	2	3	4	5	6	7
	Acres.	Acres.	Acres.			Acres.
Khelat ...	Not known	Not known	320,000	1	Desert Canal ...	101,493
				2	Begári Canal ...	180,000
					Total ...	281,493
Upper Sind Frontier.	1,645,421	1,241,628	516,056	3	Desert Canal ...	287,492
				4	Unharwah ...	214,056
				5	Begári Canal ..	416,887
				6	Kashmor Bund ...	4,000
				7	Sukkur Canal...	54,043
				8	Ghár Canal ...	47,990
				9	Sind Canal (Manghirwah) ...	3,995
					Total ...	1,028,463
Sukkur ...	3,455,181	2,046,315	356,657	10	Mahiwah ...	74,392
				11	Begári Canal ...	83,334
				12	Sind Canal ...	189,183
				13	Canals in Rohri ...	210,200
				14	Garang Canal...	9,000
				15	Rajib Canal ...	12,600
				16	Chitti Canal ...	15,000
				17	Bunds in Rohri ...	...
				18	Sukkur Canal...	57,175
				19	Ghár Canal ...	912
				20	Ghár Bunds ...	2,374
				21	Sukkur-Begári Bund ..	19,268
				22	Kásimpur Bund ...	5,600
				23	Nára Supply Channel ...	22,500
					Total ...	701,468
Larkána ...	3,236,143	1,901,303	631,279	24	Begári Canal ...	300
				25	Sukkur Canal ...	53,030
				26	Ghár Canal ...	343,537
				27	Ghár Bunds ...	6,047
				28	Western Nára ...	451,568
				29	Now Feeder, Western Nára ...	1,700
				30	Pritchard Canal ...	15,377
				31	Wahur Wah ...	2,100
				32	Marvi Wah ...	13,714
				33	Nára Bunds ...	8,360
				34	Dadu Canals ...	29,811
				35	Phitta Canals ...	53,443
				36	Munchar Lake ...	35,151
				37	Aral Canal ...	26,245
					Total ...	1,040,383
Karachi ...	7,661,350	1,199,000	308,652	38	Fuleli (Gaja) ...	14,571
				38a	Other Canals (Mulchand) ...	...
				39	Other Canals north of Kotri ...	18,307
				40	Kalri ...	82,967
				41	Baghar ...	104,128
				42	Uchito ...	34,325
				43	Other Canals in Tatta, &c. ...	52,340
				44	Pinyari ...	136,315
				45	Other Canals in Mirpur Bathoro ...	41,212
				46	Other Canals in Sujawal ...	9,820
				47	Other Canals in Jati... ..	5,600
				48	Satta ...	60,197
				49	Khanta ...	30,247
				50	Kokawari ...	43,328
				51	Other Canals in Shahbandar ...	12,480
				52	Bunds, Right Bank ...	5,328
				53	Bunds, Left Bank ...	24,157
					Total ...	625,222

E.

for the years 1902-1903 and 1903-1904 in Sind.

Area at present estimated as annually irrigated by the works specified in column 6.	AREA IRRIGATED IN ACRES.						RAINFALL.		Remarks.
	1902-1903.			1903-1904.			1902-1903.	1903-1904.	
	Kharif.	Rabi.	Total.	Kharif.	Rabi.	Total.			
	8	9	10	11	12	13	14	15	16
Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Ins. cts.	Ins. cts.	
33,000	36,566	41,993	78,559	45,374	29,502	74,876	2 11	5 51	
27,500	29,947	6,236	36,183	35,361	8,244	43,605			
60,500	66,513	48,229	114,742	80,735	37,746	118,481			
96,660	91,105	28,189	119,294	104,882	41,315	146,197	4 72	6 08	
56,000	57,690	8,181	65,871	62,835	22,941	85,776	3 79	5 76	
129,010	115,643	64,511	180,154	135,531	87,703	223,234	4 93	6 34	
4,000	91	19	110	1,466	2,244	3,710	4 72	6 88	
36,587	10,733	14,312	25,045	12,051	14,307	26,358	1 69	8 32	
20,185	12,523	8,744	21,267	12,109	9,390	21,499	1 69	8 32	
...	...	...	...	...	...	...	0 0	0 00	
342,432	287,785	123,956	411,741	328,874	177,900	506,774			
56,548	6,774	1,776	8,550	83,183	14,288	47,471	2 50	4 75	
29,700	33,144	8,593	41,737	35,679	14,209	49,888	2 11	6 34	
126,207	48,336	12,827	61,163	73,746	32,474	106,220	2 50	4 75	
137,742	70,314	12,387	82,681	71,850	31,983	103,833			
7,400	2,289	694	2,983	3,019	3,305	6,324	2 50	4 75	
11,600	4,518	738	5,256	5,955	4,066	10,021			
14,000	4,456	1,237	5,693	6,319	6,155	12,474			
...	...	...	...	...	...	...			
44,748	18,934	10,073	29,007	20,628	13,099	33,727	4 87	4 08	
550	150	52	202	254	95	349	4 87	4 08	
1,994	549	220	769	813	772	1,585	4 87	4 18	
17,500	4,550	383	4,933	4,936	8,315	13,251	2 50	4 75	
5,000	880	349	1,229	1,332	3,702	5,034			
17,000	4,789	4,884	9,673	4,932	3,563	8,545	0 00	0 00	
460,989	199,683	54,193	25,387	262,696	136,026	398,722			
300	72	...	72	82	...	82	2 11	6 34	
50,342	96,545	27,828	64,373	39,431	30,436	69,867	3 69	6 53	
305,334	205,012	135,330	340,342	218,927	145,659	364,586	2 98	5 11	
5,867	1,584	663	2,247	342	298	640	3 98	7 48	
304,327	129,516	33,271	162,787	187,467	105,221	292,688	4 57	4 20	
1,650	203	4	207	966	406	1,372			
10,300	2,228	621	2,849	6,042	2,444	8,486			
1,613	709	132	841	1,063	2,063	3,126			
4,300	1,215	564	1,779	2,407	2,076	4,483			
7,935	438	72	510	2,421	1,871	4,292			
12,000	8,272	682	8,954	8,942	3,145	12,087			
12,000	5,606	155	5,761	4,208	1,809	6,017			
18,000	2,117	15,023	17,140	3,751	18,522	22,273			
15,000	2,345	2,835	5,180	3,960	7,042	11,002			
748,968	395,862	217,180	613,042	480,009	320,992	801,001			
5,986	178	153	331	...	190	190	14 10	2 83	
	3,115	438	3,553	3,749	136	3,885	13 69	2 47	
13,400	5,508	1,243	6,751	7,277	4,132	11,409	14 10	4 20	
15,440	10,034	1,275	11,309	12,115	2,998	15,113	10 70	4 74	
11,980	18,594	1,159	19,753	21,503	5,587	27,090	11 46	6 05	
13,200	7,085	771	7,856	9,010	1,717	10,727	12 19	6 05	
13,090	9,443	583	10,026	10,023	1,959	11,982	11 46	6 05	
69,845	72,860	6,136	78,996	76,276	5,893	82,169	11 47	4 50	
22,550	6,219	1,519	7,738	8,878	1,161	10,039	11 41	7 01	
9,280	3,864	445	4,310	5,357	759	6,116	10 02	0 00	
1,585	1,433	63	1,496	1,560	316	1,876	12 95	6 48	
9,692	7,037	221	7,258	7,770	907	8,677	9 57	6 96	
4,800	3,381	148	3,529	4,429	363	4,792	9 57	6 96	
13,788	9,689	553	10,242	13,948	1,043	14,991	9 57	6 96	
850	856	6	862	1,071	45	1,116	9 57	6 96	
3,230	2,225	60	2,285	4,305	1,076	5,381	12 52	4 87	
23,260	1,164	62	1,226	2,562	981	3,543	11 00	5 11	
231,776	162,685	14,836	177,521	189,833	29,263	219,096			

STATEMENT IV—

Civil District.	OF THE CIVIL DISTRICT.			WORKS SUPPLYING IRRIGATION.			Culturable Area commanded by the Irrigation Works in column 6 in Acres.
	Total area in Acres.	Culturable Area in Acres.	Cultivated Area in Acres.	No.	Name.		
1	2	3	4	5	6		7
	Acres.		Acres.				Acres.
Thar and Parkar Collectorate.	6,096,114	2,558,543	637,912	54	Jámráo Canal...	...	510,904
				55	Eastern Nárá...	...	90,900
				56	Mithráo Canal	...	143,500
				57	Heranwah Canal	...	3,000
				58	Khipra Canal...	...	8,000
				59	Thar do.	...	50,000
				60	Hiral Canal	...	17,000
				61	Nasrat Canal	...	1,960
				62	Great Marak	...	18,993
				63	Gharo Mahmudi	...	14,117
64	Kari Shumali	...	86,308				
Total						944,682	
Hyderabad Col-lectorate.	5,076,620	3,510,343	992,106	65	Jámráo Canal	...	251,387
				66	Mehrabwah	...	77,995
				67	Nasrat Canal	...	272,243
				68	Naolakhi	...	329,276
				69	Dambro	...	48,436
				70	Dad	...	384,179
				71	Ren	...	90,455
				72	Alibhar Kacheri	...	51,856
				73	Great Marak	...	169,922
				74	Gharo Mahmudi	...	270,699
				75	Kari Shumali	...	185,590
				76	Nasirwah	...	127,292
				77	Sarfráz	...	139,435
				78	Other Canals	...	160,428
79	Fuleli	...	1,434,000				
80	Hasanali Canal	...	29,152				
81	Other Canals	...	73,877				
Total						4,096,222	
	27,170,829	12,457,132	3,792,662	Grand Total		8,717,933	

* Exclusive of figures for Jágírlíra.

E--concluded.

Area at present estimated as annually irrigated by the works specified in column 6.	AREA IRRIGATED IN ACRES.						RAINFALL.		Remarks.
	1902-1903.			1903-1904.			1902-1903.	1903-1904.	
	Khariif.	Rabi.	Total.	Khariif.	Rabi.	Total.			
	9	10	11	12	13	14	15	16	
Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Ins. cts.	Ins. cts.	
170,301	122,441	74,799	197,240	150,196	83,665	233,861	6 92	2 42	
58,400	22,757	16,693	39,450	20,115	15,713	35,828	9 83	6 13	
132,000	117,594	39,288	166,882	115,598	29,923	145,521	10 58	4 95	
3,000	2,210	99	2,309	1,516	248	1,764	10 56	5 16	
8,000	853	1,132	1,985	3,152	1,941	5,093	8 63	3 14	
50,000	52,830	5,853	58,683	47,894	6,225	54,119	10 30	5 10	
17,000	...	...	...	12,195	11,472	23,667	...	5 10	
1,000	...	...	...	...	278	278	...	0 74	
Areas are shown opposite Hyderabad Collectorate.	3,985	54	4,039	15,629	231	15,860	12 15	4 26	
	4,826	159	4,985	5,221	102	5,323	10 55	10 26	
	4,783	60	4,843	4,888	49	4,937	10 55	10 26	
439,701	332,279	138,137	470,416	376,404	149,847	526,251			
83,795	56,842	30,490	87,332	30,336	24,670	55,006	...	...	
13,000	13,003	740	13,743	12,549	1,930	14,479	6 92	4 18	
42,365	21,467	940	22,407	33,815	19,391	53,206	8 28	2 82	
54,000	47,744	3,471	51,215	45,285	8,717	54,002	8 97	2 14	
15,000	10,482	576	11,058	11,871	2,077	13,948	8 85	3 56	
112,343	56,481	4,253	60,734	60,443	14,130	74,573	7 85	5 36	
30,150	1,824	616	2,440	2,369	883	3,252	8 09	5 86	
11,100	10,370	104	10,474	9,878	195	10,073	9 74	3 57	
62,850	49,711	662	50,373	37,848	1,632	39,480	13 20	2 43	
37,500	55,441	4,088	59,479	60,656	5,695	66,351	12 74	5 63	
55,400	27,064	1,410	28,474	32,490	1,076	33,566	12 92	7 98	
22,800	33,619	1,170	34,789	32,916	1,539	34,505	12 92	5 26	
27,900	26,016	781	26,797	27,060	1,486	28,546	12 43	6 90	
42,078	11,325	680	12,005	11,199	4,805	16,004	8 09	5 86	
400,000	290,537	49,736	340,273	308,185	61,704	369,889	14 17	6 99	
21,345	...	...	...	15,284	655	15,979	...	7 21	
29,769	18,507	384	18,891	18,302	1,805	20,107	16 06	7 00	
1,061,395	730,433	100,051	830,484	750,486	152,430	902,966			
3,354,761	2,175,240	696,582	2,871,822	2,469,037	1,004,254	3,473,291			