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MADRAS RECORD OFFICE

Government of Madras

Public Works DEPARTMENT

G.O. No. 2174-75 Press
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No 98-W

Read the following —

No. 436.

Statement of Traffic, &c, on Canals in the Madras Presidency for the month of October 1875

Districts	Names of Canals	Tolls.	Boats.	Nature of Cargo.	OCTOBER 1875 Tonnage	Ton Mileage.	Value of Goods	Number of Passenger Boats.	Number of Empty Boats	Number of Passengers	OCTOBER 1874 No of Boats	Tonnage of Boats	Ton Mileage	Value of Goods	Number of Passenger Boats	Number of Empty Boats	Number of Passengers	Remarks
Godavery	*Eastern Delta or Range No I*																	
	Cocanada Canal	No tolls License fees for the current year up to this month, Rs 13,809 6 6	116	Paddy, cotton, oil seeds, salt, and other goods	3,359	1,07,488	71,702	..	..	9,880	1,915	49 847	15 95,104	50,08,025			25 600	
	Samulcotta do		2,355		63,516	23,50,092	16,66,456			6,870	884	16,841	6,23,117	21,71,700			2,670	
	Mundapetta do		337		3,651	61,114	1,47,305			240	218	4,522	68,309	9,74,400			1,755	
	Coringa do		170		3,395	1,32 405	61,523			3,060	172	3,005	1,17,195	4,39,565			1,999	
	Bank do		61		1,346	52,494	38,506			1,335	23	872	14,508	1,13 000			45	
	Injeram do		1		24	240	960				1	14	140	8,400				
	Total		3,043		75,291	26,93,833	19,86,452*			21,385	3,213	74,601	24,13,372	* 87,25,090			32,065	
	Central Delta or Range No II																	
	West Bank Canal	No tolls License fees for the current year, Rs 4,648 1 0	72	Paddy, seeds, cotton, salt, other goods, and passengers	336	12,168	28,860	28		1,480	92	855	12,780	9,199	21		457	
	Amalapur do		147		1,373	43,936	98,820	52		4 997	201	1,096	35 072	34,278	115	.	1,428	
	East Bank do		20		387	13,545	25,080	..			30	427	14,945	6,520				
	Total		249		2,098	69,649	1,52,760	80		6,477	323	1,878	62,797	49,997	136		1,885	
	Western Delta or Range No III																	
	Main Canal	No tolls License fees for the year 1875, Rs 15,178	2,202	Paddy, grain oil seeds, garden produce, building materials, fibre, timber, miscellaneous, unladen, and passengers	32,460		10,24,200	724	654	16,516	1,654	19 787		Not known	570	478	13,018	
	Narsapur Canal		3,507		30 458	1,74,046	1,24,329	1,273	904	28,113	2,861	27,535	1,51,442½	Do ...	1,083	839	17,291	
	Gostanaddy Channel		408		4,116	Not known	69,300		192	..	13	174		Do		9		
	Bank Canal		37		160	* 4,435	5,350	1	19	6	277	912	12,312	Do	2	125	10	
	Vernah Wyair and Akeed Canals		924		20,830	2,08,300	1,38,750	70	419	787	588	12,533	1,25,330	Do .	36	228	341	
	Ellore Canal		1,613		- - 26	13,56,770	9,22,950	399	540	7,702	1,105	16,951	7,79,746	Do	346	*809	8,191	
	Attili do		471		5,039			15	213	97	289	3,174	47,610	Do	6	123	30	
	Undi do.		189		3,271	52,336	74,900	..	79	789				Do ..				
	Total		9,351		1,25,734	22,65,907	13,35,579	2,527	3,020	54,010	6,787	81,066	11,16,440½		2,043	2,110	38,881	

* The cause of the vast difference in value between this month and that of last year is owing to reduced estimated values of goods

Statement of Traffic, &c, on Canals in the Madras Presidency for the month of October 1875 —(Concluded)

Districts	Names of Canals	Tolls	Boats	Nature of Cargo	OCTOBER 1875 Tonnage	Ton Mileage	Value of Goods	Number of: Passenger Boats	Empty Boats	Passengers	OCTOBER 1874 No of Boats	Tonnage of Boats	Ton Mileage	Value of Goods	Number of: Passenger Boats	Empty Boats	Passengers	Remarks
Godavery (Concld)	Lakes Pandaru No II	No tolls Licenses fees having been collected in No 8 Range	523	Cotton, lamp-oil seeds, ground-nut seeds, hemp seeds, red gram, tungada bark, tobacco, shell, chunam, chillies, dyeing bark, arrack in empty boats, paddy, rice, cholum, uncleaned dried cocoanut kernel, black gram, castor seeds, arrack cummin seeds &c	6 481	3,02 859	5 87,250	188	73	2 779	380	4,211	1 93 704	1,01,0 6		65	2 316	
	Lakes Lockup do		425		1,942	91,993	1,47,940	105	114	2,149	304	1,368		35,167		63	2,170	
	Do. down																	
	Total		948		8,573	3,94,452	7,35,190	381	187	4,927	684	5,600	2,15 602	1,37,123	.	128	4,786	
	Passengers Inspection Fee No II		17		253		28,287		1		46	459		15,619		2	12	
	Grand Total		13,003		2 11 751	54,27,841	42,39,208	2,588	3,209	80,799	11,050	1,63,604	38 99,211½	8 27,829	2,179	2,240	77,629	
	Eastern Delta Western Canals		169	Grains, cotton oil seeds & dry goods, cocoanuts, &c., &c	777	38 717	3,67 557	404	106	37,800	29	778	82 634	58 486	283	81	21,855	
	Eastern Canals		560		9,648	2,80,620	4 [illegible],121	822	129	27,823	214	5,211	1,06,803	3,01,236	404	63	2 [illegible]144	
	Total		729		10 425	3,19 337	8,59,678	786	235	63,123	242	5 989	1,88,937	3,59,722	687	94	46,499	
	Eastern Delta Western Canals †		93	Grains, cotton, oil seeds, indigo, salt, cocoanuts, coffee, tobacco, wood, raw cash, &c &c	993	48 571	23 998	1	34	53	39	631	25,102	23,260	1	40	12	
	Eastern Canals †		185		581	10,576	17,105	3	45	221	32	359	4,761	10,792	.	17	..	
	Western Back Channels †		54		443	9 513	14,155	..	20	....	..	....	.	..				
	Total ..		2 5		2 217	68,660	57 2 8	4	99	274	71	990	29,863	34,052	1	57	12	
	Grand Total .		984		12,972	3 47 997	9,16 [illegible]34	790	334	63,397	313	6 959	2,18,800	3 93 774	688	151	46 511	

Notes: Licenses for the calendar year 1875 have been collected to the amount of Rs 7,47,210

* 40 country cash was carried on the month. The remaining increase is due to heavy rain in Sept. 1874, which prevented handy traffic
† Increase is due to heavy rain in September 1874
‡ Do do do do

(Signed) A McC SCOTT, Major, R E,
Deputy Chief Inspector for Irrigation,
for Chief Engineer for Irrigation

Chief Secretary's Office
22 July 1876

Statement of Traffic, &c, on Canals in the Madras Presidency for the month of November 1875

Districts	Names of Canals	Tolls	Boats	Nature of Cargo	NOVEMBER 1875 Tonnage	Ton Mileage	Value of Goods	Number of: Passenger Boats	Empty Boats	Passengers	NOVEMBER 1874 No of Boats	Tonnage of Boats	Ton Mileage	Value of Goods	Number of: Passenger Boats	Empty Boats	Passengers	Remarks
Godavery District	*Eastern Delta or Range No I*																	
	Cocanada Canal*	No tolls License fees for the current year up to this month, Rs 13,806 10 6	891	Paddy, cotton, oil seeds, salt, and other goods	9,047	2,89,504	1,97,770		.	18,340	2,197	63,579	20,34,528	14,84,040			20,920	
	Samulcotta do		2,262		63 474	23,18,538	10,82,782		...	3,555	805	15,003	5,55 111	5,11,528			3,090	
	Mundapetta do		456		3,812	58,788	1,78,135			555	196	3,810	53,340	1,79,045	.	.	1,665	
	Coringa do		145		2,574	1,00,386	63,675			2,715	229	3,408	1,32,912	1,01,538			1,860	
	Bank do		53		956	37,284	29,543	.		1,395	31	601	23,439	18,366			60	
	Injeram do.		1		12	120	480			45	2	41	410	1,640			30	
	Total		3,309		79,905	28,29,620	21,42,685			26 605	3,460	86,442	27,99,740	22,96,157			27,625	
	Central Delta or Range No II																	
	West Bank Canal	No tolls License fees for the current year Rs 4,663	126	Paddy seeds, cotton, salt, other goods, passengers	390	14,040	37,180	47		997	95	366	13,176	7,735	41		449	
	Amalapur do		207		1,417	45,341	1,44,600	59		1,374	187	1,196	38 272	50,786	101		1,126	
	East Bank do		59		721	25,235	58,699				40	468	16,380	7,596				
	Total .		392		2,528	84,619	†2,40,480	106		2,371	322	2,030	67,828	66,117	142		1,575	
	Western Delta or Range No III																	
	Main and Ellore Canals.	No tolls License fees for the current year up to this month, Rs 15,572 4 8	4,816	Paddy, cotton, oil seeds, salt, and other goods	85,863	19 96,315	12,85,300	.		28,527	3,465	53,647	12,47,293	8,94,850	1,060	956	23,533	
	Nursapur Canal		4,262		59,133	3,37,903	1,29,164		..	27,566	3,536	45 396	2,49 678	1,07,450	1,226	1,062	15,330	
	Gostanaddy and Vel pur Channels.		583		5,161	1,49,669	47,750				134	1,543	44,747	38,950	4	54	40	
	Bank Canal .		43		514	6,939	7,425			24	402	3,368	45,468	52,850	6	201	30	
	Nakkala Drain									..	2	15				2		
	Attili Canal		564		7,078	53,085	49,175			52	469	5,823	87,345	62,800	5	216	16	
	Junction do		842		15,987	55 954	4,73,250		.	1,197	436	8,103	28,360	1,94,900			610	
	Venkia Weir and Aketd Canals		609		13,273	1,61,488	1,19,167		..	80	377	7,877	99,837	64,717	167	354	483	
	Undi Canal ...		313		5,006	80,096	1,17,850		..	1,795				.				
	Total .		12,062		‡1,92 015	28,41,449	§22,29,081	...	.	59,191	8,821	‡1,25,772	17,98,728	§14,16,567	2,418	2,845	40,042	

* Owing to the restrictions placed upon taking cargo boats at night through the Cocanada Canal, the majority of boats go by way of Samulcotta Canal Owing to trade being at present very slack, a general falling off in the number of boats is the result
† The cause of difference in value shown in this return and that of last year is owing to revised estimated value of goods
‡ Note —Tonnage of unladen boats included
§ Value of building materials excluded

Statement of Traffic, &c., on Canals in the Madras Presidency for the month of November 1875 —(Concluded)

Districts	Names of Canals	Tolls	Boats	Nature of Cargo	NOVEMBER 1875 Tonnage.	Ton Mileage	Value of Goods.	Number of: Passenger Boats	Empty Boats	Passengers	NOVEMBER 1874 No of Boats.	Tonnage of Boats	Ton Mileage	Value of Goods.	Number of: Passenger Boats	Empty Boats	Passengers	Remarks
Godavery District —(Concluded)	Eleven Range No II	No tolls Licenses fees are collected in No 3 Range.	514	Cotton, gram tobacco, chillies, salt, lime, rice, arrack teakwood, indigo, nuts, jaggery, &c	6 804	3 20,866	4 86 900	186	60	4 176	462	5 679	3 19 852	2,11,883	166	69	2 966	
	Ellore Lock, up		406		2,663	1,04,832	1,84,090	186	116	5,774	565	8,639	1,70,188	72,721	177	187	2 848	
	Do down												*					
	Total		920	...	9,467	4,25,138	6 70 990	372	176	9,950	1,027	9,268	4,90,040	2,84,304	343	256	5 814	
	Tumaracoon Range No II Dummagoodem Canal *		34	Salt, rice, cloths, hemp, ghee, nuts, skins, horns hides, condiments, teak wood, oils, &c.	234	*	27,763	..	4	5	33	480		20,351	..	1	116	
	Grand Total ..	No tolls Licenses fees are collected	16,776		2 81 149	61,40,8.6	53,16,599	478	180	95,122	13,663	2,23,992	51,56,376	10 83,496	2 903	3,102	75,172	
	Eastern Delta Mustiputtam Canal † Ellore do ..		127 447	Gram, cotton, oil seeds, indigo salt cocoanuts, saffron, tobacco, wood &c, and ready cash	1,082 7,547	52 429 1,83,553	2 17 348 2 5,18,440	237 859	60 84	29 305 33,179	88 404	835 9,267	40 697 2,69,850	1,13,172 5,00,909	329 382	29 69	24 519 33,761	
	Total		574		8,689	2,35,981	7 95,788	9.6	144	62,577	442	10,102	3,10,547	6,14 061	711	97	58,280	
	Western Delta Nizampatam Canal § Do mamore channel Western Back Canal		88 138 fo	Cream, cotton, oil seeds, salt, cocoanut saffron wood, &c.	8 0 11 6 3 2	42 794 13 018 7,693	26 872 24,075 6,230	2 4 ..	29 56 44	131 272 ..	79 77 9	1 243 3,134 100	60,782 34,287 2,310	45 556 27,010 1,820	1 1	45 20 6	23 79	
	Total ..		291	...	2 138	63,874	57 717	6	129	403	165	4,476	97 379	74 786	2	76	103	
	Grand Total	No tolls Licenses fees for the calendar year collected in Rupees 7,30	865	...	11 018	2 99,8 9	8,73 705	932	273	62 982	607	14,578	4,07,926	6,88,447	713	173	58,385	

* The cause of that difference in value between this month and that of last year is owing to the importation of a considerable quantity of salt belonging to the firm of Messrs Parmen and Company, Cocanada, from abroad, newly established at Dowlaiswaram

† The increase in 1875 November, is due to the rains of September 1874

‡ Heavy cash Rupees 1,78,000 included The small fall in number of cargo boats, tonnage, &c, is presumed to be owing to new rules of separate license for each district

§ Due to fall of salt traffic owing to new rules above mentioned

¶ The number of cargo boats is greater, but the tonnage is less than that of those in November 1874. This is owing to smaller boats plying

(Signed) A. pr C. SCOTT, Major, R.E.,
Deputy Chief Engineer for Irrigation
for *Chief Engineer for Irrigation*

DOWLAISWARAM,
22nd July 1876

Statement of Traffic, &c, on Canals in the Madras Presidency for the Month of December 1875

Districts	Names of Canals	Tolls	No of Boats	Nature of Cargo	DECEMBER 1875 Tonnage of boats	Ton Mileage	Value of Goods	Number of: Passenger Boats	Empty Boats	Passengers	DECEMBER 1874 No of Boats	Tonnage of Boats	Ton Mileage	Value of Goods	Number of: Passenger Boats	Empty Boats	Passengers	Remarks
1	2	3	4	5	6	7	8	9	10	11	13	13	14	15	16	17	18	19
Godavery	*Eastern Delta or Range No I*																	
	Cocanada canal	No tolls, license fees for the current year up to this month, Rs 11,034-14-6	570	Paddy, cotton, oil seeds, salt and other goods.	13,604	435,328	3,23,367			19,420	2,563	75,056	2,401,792	21,64,860			23,500	As cargo boats are not allowed to pass down the Cocanada canal after sun set, they prefer to go by the Samulcotta canal
	Samulcotta do ..		2,311		66,190	2,449,030	19,74,822	..		3,330	822	16,583	613,571	5,62,228			2,655	
	Mundapetta do ..		638		7,563	105,882	3,54,200	..		210	258	5,273	73,822	2,30,310			1,780	
	Coringa do.		323		4,614	179,946	1,20,493			2,955	343	4,607	179,673	1,23,865			1,920	The increase under Mundapetta canal is owing to a large number of gravel boats having passed through it during the month
	Bank do		44		1,019	39,741	32,873			810	14	316	12,324	9,466			135	
	Injeram do		2		50	500	5 000				2	31	310	2,080				
	Total		3,920		93,040	3,210,427	28,10,805			26,725	4,002	101,866	3,281,492	30,92,809			29,995	
	Central Delta or Range No II																	
	West Bank canal	No tolls, license fees collected for the current year up to this month, Rs 4,725-15-0	130	Paddy, cotton, oil-seeds, salt and other goods	759	27,324	70,370			830	98	532	19,102	14,059	40		734	The cause of difference in value, &c, between this month and that of last year is owing to revised estimated value of goods
	Amalapur do		245		2,277	72,864	2,24,730			1,751	247	1,798	57,536	79,996	120		1,488	
	East Bank do ..		7		72	2,620	7,200				21	269	9,415	3,029				
	Total		382		3,108	102,808	3,02,300			2,586	366	2,599	86,103	97,084	160		2,222	

Statement of Traffic, &c, on Canals in the Madras Presidency for the Month of December 1875 — (Concld)

Districts.	Names of Canals	Tolls	No of Boats.	Nature of Cargo	DECEMBER 1875						DECEMBER 1874							Remarks
					Tonnage of Boats	Ton Mileage	Value of Goods	Number of Passenger Boats	Number of Empty Boats	Number of Passengers	No. of Boats	Tonnage of Boats	Ton Mileage	Value of Goods	Number of Passenger Boats	Number of Empty Boats	Number of Passengers	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Godavery	Eastern Delta Farm No III				(13,093	2,178 362	14,06,875			27,484	3,574	50,086	1,173,449	10,10,575	1,207	865	23 409	
	Main and Lower canals	As tolls in case of the Cuttack Year up to this month, Rs 15,20-10 7	5,395		82 840	479 288	1,41,579			26,038	3,283	39 883	210 316	1 70,217	1 218	926	15 911	
	Narsapur canal		5 826		8,442	244,818	8[illegible],200			15	366	3,135	99 [illegible]	86,700	2	172	8	
	Gumanuda channel		615		[illegible]	187	[illegible]			[illegible]	14	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	
	Nakamdram		8		403	5 440	* [illegible] 6 035			[illegible]	338	4 000	[illegible]	27 875		177	[illegible]	
	Pattipalem canal		84		17 [illegible]	[illegible] 278	4 61 [illegible]			[illegible]	456	7,100	‡ 24,850	1,85 [illegible]			483	
	Jirrum canal		811		4 241	87,067	98,150			44	29	273	4,045	8 00		13		
	Atchanta		140		15,018	130,019	1,16,900			28	398	7,165	‡ 93,207	60 [illegible]	102	312	370	
	Nakka and Wyair canals		646		[illegible]													
	Lower canal		393		5,863	93,808	1,30,900	..		1,112								
	Total		13,693		*299,106	3,289,307	23,97,679			85 52o	8 114	*113,472	2,674,983	†15,25,450	2 529	2,185	45 823	
	Ellore Farm No IV				12,812	592,632	13 60,840	...		9,685	1,281	13,229	594,835	4,26,819	439	272	8 876	
	Ellore canal	Notions, licenses fees were collected in No 8 Range	1,100	Paddy, cotton, oil seeds and other goods	12,812	592 632	13,60,840	.		9 685	1,281	13,229	594 835	4,26,819	439	272	8,876	
	Total		1,100															
	Farm No II Range		54	The cargo consists of imports, sent free of duty, and exports, goods sent free &c, both imports and exports are calculated at their value here.	510		44,452		...	29	63	1,213	..	§12,061	..		117	
	Ootacamund canal	None																
	Grand Total		19,119		324 876	7,197,174	69,48,975			94,531	11 140	252 879	5,67 7,412	51 94 223	3,128	2,710	80,713	

Kistna	*Eastern Delta.*																	
	Masulipatam canal	No tolls, license fees for the calendar year amount to Rupees 7,665-3 0	62	Grain, cotton, oil-seeds, salt, cocoanuts, saffron, tobacco, wood, &c, &c	1,089	61,946	2,14,130	579	53	41,653	51	1,049	42,742	90,345	303	30	19,401	
	Ellore canal		382	Do do	8,392	215,900	‖5,05,3881	394	132	33,091	431	9,949	264,651	6,35,166	420	191	36,721	
	Total ...		444		9,481	277,846	7,19 518	973	185	74,744	482	10,998	307,393	7,25,511	783	221	55,121	
	Western Delta																	
	Nizampatam canal		65	Grain, cotton, oil seeds salt, cocoa nuts, wood, &c	1,221	57,810	•• 33,491	1	36	68	129	2,358	115,891	55,514	1	76	29	
	Commamore Channel		¶57	Do do	¶886	¶7,206	31,590	6	82	384	119	1,708	20 924	30,497		153		
	Bank do		22	Do do and saffron.	382	8,022	†† 6,935		45		23	245	5,140	5,882	1	9	72	
	Total		144		2,489	73,128	72,016	7	163	452	271	4,311	141,960	91,893	2	240	97	
	Grand Total ..		588		11,970	350,974	7,91,534	980	348	75,196	753	15,309	449,353	8,17,604	785	461	55,218	

The cause of vast difference in value between this month and that of last year is owing to the revised estimated value of goods
* Tonnage of unladen boats included
† Value of building materials excluded
‡ Correct figures are shown
‡ Fall in December 1874 is due to freshes of September 1874
§ The amount, Rupees 42 061, includes Rupees 6,480, value of timber The amount in December 1875 includes Rupees 28,472, value of timber
‖ Decrease is due to fall especially in cotton traffic.
¶ Due to fall in grain traffic
•• Decrease is due to fall especially in salt traffic
†† Increase is due to rise in saffron traffic.

OOTACAMUND,
22nd July 1876.

(Signed) A DEC SCOTT, Major, R E,
Deputy Chief Engineer for Irrigation,
for *Chief Engineer for Irrigation*

Statement of Traffic, &c., on Canals in the Madras Presidency for the month of January 1876.

Districts.	Names of Canals.	Tolls.	Boats.	Nature of Cargo.	JANUARY 1876. Tonnage.	Ton Mileage.	Value of Goods.	Number of: Passenger Boats.	Empty Boats.	Passengers.	JANUARY 1875. No. of Boats.	Tonnage of Boats.	Ton Mileage.	Value of Goods.	Number of: Passenger Boats.	Empty Boats.	Passengers.	Remarks.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Eastern Delta or Range No. I.																		
Coconada Canal					18,246	454,466	4,53,627	...	...	11,380	2,074	50,412	1,901,184	19,76,747	...	...	21,360	
Kottapalli do.					49,734	1,592,788	16,98,586	...	...	3,315	661	16,905	625,485	5,60,095	...	...	1,785	
Tondangi do.					2,424	23,931	27,740	...	...	195	90	647	9,068	17,210	...	...	1,036	
Gunnaru do.					4,344	160,062	78,979	...	...	1,250	80	1,329	51,831	25,479	...	...	1,255	
Nakka do.					328	5,362	4,000	...	...	320	1	20	780	266	...	...	165	
Upputeru do.					23	220	880	...	...	...	...	...	...	...	...	...	...	
	Total ...	1,650		Paddy, cotton, oil seeds, salt, and other goods.	75,099	2,237,231	27,34,382	...	...	16,460	2,846	78,813	2,588,856	18,79,797	...	...	3,500	
Central Delta or Range No. II.																		
West Bank Canal		75		Paddy, cotton, oil seeds, salt and other goods.	599	18,224	48,030	...	...	427	179	1,62,1	59,892	1,23,081	80	...	1,482	
Anumanur do.		141			1,330	42,700	1,51,560	...	...	837	214	1,495	47,936	1,00,752	90	...	1,572	
East Bank do.		...			...	...	...	...	...	...	42	237	8,595	5,270	...	...	...	
	Total ...	216			1,929	64,084	1,99,590	...	...	1,264	435	3,357	1,16,423	2,29,103	170	...	3,054	
Western Delta or Range No. III.																		
Main and Ellore Canals ...		2,610		Paddy, cotton, oil seeds, salt, and other goods	44,910	1,044,855	9,66,700	...	...	16,500	1,716	27,027	628,878	5,78,525	411	435	9,460	
Kurumpur Canal		3,113			41,731	241,444	2,700	...	...	14,912	1,689	16,697	•95,068	87,529	497	680	6,772	
Bank do.		21			100	...	2,000	...	...	...	49	120	1,659	2,600	...	26	...	
Nakkala Drain		...			...	...	...	...	...	...	12	213	532	...	...	11	...	
Gostanadiy and Vellaper Canals		29			549	9,918	1,500	...	...	...	81	1,066	30,014	4,800	...	28	...	
Attili Canal		215			2,736	20,670	26,685	...	...	10	38	108	2,545	15,350	...	19	...	
Junction do.		580			9,140	31,990	3,66,450	...	...	29	251	5,347	†18,714	1,95,169	...	...	22	
Venkia and Wyeru Canals		271			6,728	81,857	90,700	...	...	...	220	4,927	†59,945	55,750	...	...	...	
Undi Canal		81			788	14,603	33,750	...	...	...	...	...	...	...	...	...	...	
	Total ...	6,669			106,525	1,448,042	§16,12,125	...	...	31,451	4,056	55,730	843,610	9,39,194	...	...	16,254	
Ellore Range No. IV.																		
Ellore Canal ...		Boats are licensed and fees collected in No. 3 Range.	409	Paddy, cotton, oil seeds, salt, and other goods.	4,139	•144,006	‖5,33,290	...	...	6,290	480	4,856	¶287,996	1,42,072	150	139	3,166	
			...		...	...	...	...	...	...	...	...	...	...	...	...	...	
Dumagudiem Division or Range No. VI.																		
Dumagudiem Canal ...		Nil.	83	Salt, rice, horns, Hides, lac, gallnuts, wheat, grains, &c.	1,560	...	†36,998	...	...	58	71	1,065	...	•33,773	...	...	38	
Grand Total ...			10,004		184,003	4,123,913	41,18,385	...	...	55,573	7,883	143,381	3,834,573	32,23,849	...	...	25,012	
Eastern Delta.																		
Masulipatam Canal ...		...	64	Grains cotton, oil seeds, salt, cocoanuts, saffron, &c.	763	36,645	‡4,06,077	482	31	35,679	75	1,513	73,049	1,71,883	399	41	27,010	
Ellore do. ...		...	225	Do. do. ...	4,562	83,752	§5,73,966	257	42	28,317	193	4,808	101,533	3,19,508	423	100	37,352	
	Total ...		289		5,325	120,397	9,80,043	739	73	63,996	268	6,321	174,581	4,91,391	822	141	64,362	
Western Delta.																		
Nizampatam Canal ...		...	48	...	426	21,877	14,357	1	23	29	34	574	15,888	14,378	...	50	...	
Commamore Channel.		...	81		776	12,416	22,447	1	36	85	55	1,146	14,425	27,175	...	64	...	
Bank do. ...		...	54		93	1,932	2,310	...	48	...	7	122	2,562	1,920	...	24	...	
	Total ...		183		1,294	36,225	39,114	2	106	114	96	1,842	32,325	43,473	...	138	...	
	Grand Total ...		472		6,619	156,622	10,19,157	741	179	64,110	364	8,163	206,906	5,34,864	822	279	64,362	

Most of the traffic preferred to go via Samulcotta Canal as there are no restrictions placed upon night traffic on that canal. The traffic down the canals virtually ceased this year on the 15th January, the advertized date of closing the head sluices; hence the falling off in numbers as compared with last year.

On the Mundapetta and Coringa Canals, the majority of boats were gravel boats working for this department.

Water reduced in the East Bank Canal as the irrigation is over; hence the traffic has fallen.

The cause of difference in value, &c., between this month and that of last year is owing to the closure of the main duct from 18th to 24th January 1876, closed itself, being choked up with silt. Decrease of traffic mainly due to no market demands.

• In the return for 1875, 94,788 were shown. Difference between the two years is due to the length of the canal having been taken as 40 miles in preparing the statement for January 1875, wherens the length in preparing the statement for January 1876 was taken as 40¼ miles. The latter is correct.

† In the return for 1875, the total of these two canals were shown at 102,740. In that return the ton mileage of junction canal and Venkia and Wyeru was shown as one canal, but the ton mileage of these two canals were separately shown in the return for January 1876; hence the difference.

‡ Note.—Tonnage of unladen boats included.

§ Value of building materials excluded.

‖ The cause of vast difference in value between this month and that of last year is owing to revised estimated values of goods made with reference to the District Engineer's Memorandum, No. 3,930, dated 18th March 1875.

¶ The difference is owing to the traffic along this canal not being through traffic.

• The amount of Rupees 33,773 includes the value of timber Rupees 20,230 and the goods calculated at the value here.

† The amount in January 1875 includes the value of timber Rupees 16,980 and the goods calculated at the value here.

The cargo consists of imports-salt, rice, cloth, cereals, &c., and exports-galnuts, hemp, wheat, &c.; both imports and exports are calculated at their value here.

‡ Increase is due to treasure conveyed (3,00,000).

§ Do. do. do. (3,00,000).

Fall in traffic compared with last year is probably due to the Godavery Canals being closed during part of the month and to the prevalence of sickness at Bezorah.

(Signed) A. DEC. SCOTT, Major, R.E.,
Deputy Chief Engineer for Irrigation,
for *Chief Engineer for Irrigation.*

OOTACAMUND,
22*nd July* 1876.

Statement of Traffic, &c, on Canals in the Madras Presidency for the month of February 1876

Districts	Names of Canals	Tolls	Boats	Nature of Cargo	FEBRUARY 1876 Tonnage	Ton Mileage	Value of Goods	Number of Passenger Boats	Number of Empty Boats	Number of Passengers	FEBRUARY 1875 No. of Boats	Tonnage of Boats	Ton Mileage	Value of Goods	Number of Passenger Boats	Number of Empty Boats	Number of Passengers	Remarks
Godavery	*Eastern Delta or Range No I*																	
	Cocanada Canal	No tolls Licenses fees for the current year and to this month, Rupees 11,747 8 3									909	24,862	779,784	5,61,617	..		12,900	Canals being closed
	Samalcotta do										609	16,247	601,139	5,47,463			1,770	
	Mundapetta do										68	1,089	15,246	29,725			1,185	
	Coringa do										174	3,985	155,415	61,312			1,215	
	Bank do																	
	Injeram do																	
	Total												1,551,884	12,02,177			17,070	
	Central Delta or Range No II																	
	West Pauk Canal*	No tolls Income for the current year, Rs 1,777 11 0	115	Paddy, cotton, oil seeds, salt, and other goods.	1,037	37,332	98,490			1,582	2[illegible]	912	31,912	2,36,729	184		1,434	
	Amalapur do		251		1,801	57,632	1,68,910			1,977	240	1,334	4[illegible]6	28[illegible]5	120		1,406	
	East Bank do		...		..			.			40	188	5,775	4,149				
	Total ...		366		2,838	94,964	2,67,400			3,559	525	2,410	82,343	2,69,732	254		2,840	
	Western Delta or Range No III																	
	Main Canal	No tolls. Licenses fees for the current year up to this month, Rs 9,900 5 0																Do do
	Narsapur Canal																	
	Gautami-Vy Channel																	
	Nakkala Drain																	
	Bank Canal																	
	Vetlia Weir and Altrd Canal																	
	Tide Canal																	
	Attili do																	
	Total																	
	Ellore or No IV Range																	
	Ellore Canal	License fees are collected in No 3 Range																Do do
	Dumagudiem Division or Range No VI																	
	Dumagudiem Canal	No tolls collected	82	Salt, rice, horns hides, lac, gallnuts, wheat, grains, condiments, teak-wood, &c	1,500	..	36,998			58	62	930		†26,335		...	120	
	Grand Total		448		4,338	94,964	3,04,398			3,917	2,347	42,003	16,38,727	14,98,184	254	.	20,080	
Kistna	*Eastern Delta*																	
	Masulipatam Canal ...	License fees for the calendar year amount to Rupees 4,836-5 0	89	Grains, cotton, oil seeds, salt, cocoanut, tobacco, wood, &c	868	41,940	‡1,22,786	181	40	13,680	25	592	31,159	62,965	104	25	7,345	
	Ellore do ..		102	Grains, cotton, oil seeds	2,423	47,191	‖60,388	107	23	8,799	39	1,187	22,238	69,828	129	18	11,167	
	Total .		191		3,291	89,131	1,83,174	288	63	22,479	64	1,779	53 307	1 32,288	233	43	18,512	
	Western Delta																	
	Nizampatam Canal	No tolls Licenses fees for the calendar year amount to Rupees 4,836-5 0	47	Grains salt, saffron, wood, &c.	344	22,114	8,590		2e	..	3	45	1,642	979		10	...	
	Commamore Channel		13	Grains and wood	44	676	10,632	..	10	...	.	...	..	1,100	..			
	Bank Canal ..		2	Saffron and wood.	9	189	1,223		1	..	..	.		525		.		
	Total		62		397	22,979	20,442		36	.	3	45	1,642	2,604		10		
	Grand Total ..		253		3,688	1,12,110	2,03,616	288	99	22,479	67	1,824	55,039	1,34,892	233	53	18,512	

* Canal low, not sufficient water for traffic The cause of difference in value between this month and that of last month is owing to revised estimated value of goods, with reference to memorandum, No 3 930, dated 18th March 1875, from the District Engineer, Godavery

† This amount of Rupees 26 335 includes the value of timber, Rupees 13,765, and the goods calculated at the value here
The amount in February 1875 includes Rupees 16,980, value of timber, and the goods calculated at the value here
The cargo consists of imports—salt, rice, cereals, cloths, &c, and exports—gallnuts, hemp, wheat, hides, &c ; both imports and exports are calculated at their value here. The difference between the value of articles is owing to salt and rice, &c, being considerably cheaper this year

‡ Increase is due to 50 000 Rupees ready cash traffic

‖ Fall is due to less cotton traffic, as the Godavery Canals have been closed
The increase is partly due to these canals being kept opened till near the end of February, while in last year they were closed in the middle of the month, and partly apparently to increasing traffic on Commamore Channel

OOTACAMUND,
22nd July 1876

(Signed) A DEC SCOTT, Major, R E,
Deputy Chief Engineer for Irrigation,
for *Chief Engineer for Irrigation*

Proceedings of the Madras Government, Public Works Department,
18th August 1876. *No* 2,175

No 437 ORDER THEREON, 18th August 1876, No 2,174

IRRIGATION, No 47.
Account

ORDERED to be forwarded to the Government of India

(True Extract)

(Signed) G. W. WALKER, Major-General, R E,
Secretary to Government

No 438 DOCKET No 2,175, dated 18th August 1876
COPY of the above forwarded to the Government of India

(True Extract.)

Colonel,
Offg. Under Secy. to Govt, P W D
for *Secretary to Government*

Ed W H French
Spare Copies

No 2174 d/18 Aug 1876
Ordered to be forwarded to the Government of India.
No 2175 d/18 Aug 1876
Docket No 2175 d/18 Aug 1876
Copy of the above forwarded to the Government of India
43/2 4.31/7

Illustrations may ifnec
but I see that the ton mileage
for the 5 months is 23
millions: whereas the Admin.
tration report gives it at
about 32 millions for 1875-76.
This may be due to the closure
of canals, the traffic for
Oct: November & December
being usually 19 millions, but
it had better be looked into.
The ton mileage should be given
in hundreds of thousands &
millions not in lakhs
4.31/7
Returned
Ch. for brig
Godavery
Krishna
Ferd 21/8

FORMER CASES.

Current No of 187

" "

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LATER CASES

Current No. of 187

" "

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" "

M WORKS FORM No 3

No 1876 Department

Current No 5276.

From The Chief Engr for days

No 984
Dated 20th July 1876
Recd 24th "

Subject:— Statements of Receipts & Charges on the Canals in the Presidency from the 1st of October to 30th April 1876

ENCLOSURES

From to

" "

" "

" "

Orders and Proceedings on file

Department.	No	Date	ENCLOSURES: Department	No	Date
Wm	1505	19/6/76			

5276 ✓

Govt. of 1876 Madras.

PUBLIC WORKS.

To

The Chief Engr. for Irrign.

Dupl.

Trip.

Quad.

Dupl.

G. O. 18th April No. 275

2176

Nos. 1136 @ 1138

Forwarding Statements of Traffic & Cattle on the Canals in the Madras Presidency from the months of Octr/75 to Febry/76.

Statements of Traffic & Cattle on the Canals in the Madras Presidency from Octr/75. to Febry 1876. The — ordered to be forwarded to the Govt of India.