

CHAPTER IV.

RAINFALL, SEASONS AND PRICES.

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RAINFALL.

THE annexed statements, which were compiled in the office of the Board of Revenue, show the rainfall registered at each station during a series of years. The mean annual fall for the whole district during the twenty years 1870-89 was 141·87 inches, which is higher than that of any other district; the average number of wet days was 120. The minimum fall was 98·99 inches which was the amount recorded in 1881. The next lowest fall was 114·57 inches in 1875. The maximum quantity registered in a year was 178·61 inches (in 1878). There is very little rain during the first four months of the year, but in May the average fall amounts to 6·63 inches. From June to September the average fall is 121·10 inches and about two-thirds of this is received in June and July. With October the north-east monsoon sets in, but this gives on an average only 12·46 inches, of which three-fourths is received in October. The following table shows, for each recording station, the average rainfall at the different seasons of the year :—

Statement of Average Rainfall at the different Seasons of the year.

Recording stations.	January to April.	May.	June to September.	October to December.	Total.
Coondapoor... ..	0·88	6·08	122·48	9·84	139·28
Udipi	0·64	5·52	120·45	10·34	136·95
Kárkál	2·03	5·40	154·52	21·79	183·74
Beltangadi	2·06	4·49	143·60	19·78	169·93
Bantvál	0·60	3·72	119·60	13·75	137·67
Uppinangadi or Puttúr.	3·06	6·42	120·99	16·46	146·93
Mangalore	1·69	7·43	113·96	10·77	133·85
Kásaragód	1·65	7·87	107·58	10·86	127·96
Hosdrúg	1·83	4·89	101·14	10·49	118·35
DISTRICT AVERAGE.	1·68	6·63	121·10	12·46	141·87

The rainfall is smallest in the Kásaragód taluk which borders on the Malabar district. The fall is heaviest in Kárkál and Beltangadi, and at each of the other recording stations the quantity registered exceeds 130 inches.

Average Rainfall of the South Canara District in inches.

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Years.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.		
1870	0.34	0.26	0.70	36.05	40.21	20.06	10.58	17.43	0.79	...	126.42		
1871	...	4.93	0.56	0.49	1.65	9.22	39.99	48.28	16.62	15.33	8.06	2.98	0.07	148.18	
1872	0.61	7.84	43.07	71.64	32.71	12.36	3.27	1.06	0.53	173.09	
1873	0.47	...	1.87	7.55	40.83	28.05	16.20	11.57	7.85	0.04	0.45	114.88	
1874	1.55	23.57	37.56	57.06	21.74	26.77	11.10	4.09	0.34	183.78	
1875	0.09	0.59	2.14	31.07	40.17	25.16	10.79	3.58	0.79	114.57	
1876	0.98	1.50	1.19	34.90	49.06	20.81	7.34	0.76	0.59	0.05	117.18
1877	1.29	1.20	41.28	23.71	33.92	19.20	11.98	1.48	0.92	134.98	
1878	0.02	1.70	6.06	45.21	31.52	48.13	31.96	10.67	1.87	1.47	178.61	
1879	0.34	0.71	26.12	34.57	28.03	33.57	8.11	9.54	2.17	0.19	143.35	
1880	2.41	4.94	37.68	42.47	10.84	9.09	7.50	5.06	1.06	121.05	
1881	0.19	0.48	5.02	22.97	15.61	34.07	10.25	2.75	7.63	0.02	98.99
1882	...	1.32	0.01	0.42	9.52	39.93	64.00	21.96	14.77	13.26	3.08	0.21	168.48
1883	0.03	2.91	3.29	35.83	56.73	28.29	12.35	11.98	3.24	0.83	155.48
1884	0.70	1.64	22.03	35.09	40.93	15.84	6.14	2.75	0.19	125.32	
1885	0.12	0.03	1.95	47.17	44.87	26.99	6.07	10.78	1.63	2.12	141.73
1886	0.21	7.43	32.62	46.91	17.03	8.62	10.46	3.08	0.22	126.58	
1887	0.06	1.62	2.10	51.90	40.14	16.15	12.35	18.61	5.58	0.04	148.55
1888	0.04	1.98	5.97	55.33	36.24	32.68	4.77	4.81	5.33	0.12	147.27
1889	0.14	1.05	5.20	61.21	40.67	29.63	14.80	13.86	0.64	1.68	168.88
AVERAGE—1870-89.	0.32	0.05	0.13	1.18	6.63	39.56	42.02	26.37	13.15	9.22	2.70	0.54	141.87		
1890	0.03	0.44	2.31	4.37	37.13	53.36	20.70	5.66	6.49	2.49	0.29	133.27	
1891	0.14	0.19	0.91	1.29	31.71	41.89	19.27	8.90	10.13	2.06	...	116.49	
1892	0.01	4.53	17.87	14.82	68.03	39.69	13.95	14.19	2.72	0.08	175.89
<i>Average Number of Wet days.</i>															
1870	1	1	3	26	30	27	18	22	5	...	133		
1871	...	3	1	4	12	26	28	20	20	10	6	...	131		
1872	1	3	22	29	27	18	8	2	1	111		
1873	1	...	8	27	27	16	17	12	...	1	111		
1874	2	17	27	30	22	24	12	4	1	139		
1875	1	6	24	29	23	17	5	2	...	108		
1876	2	3	22	30	28	13	2	1	...	103		
1877	2	4	25	26	25	19	17	3	1	122		
1878	7	23	24	26	27	12	3	1	124		
1879	1	2	13	28	27	28	15	12	3	1	130	
1880	2	5	27	30	18	19	8	7	2	118	
1881	1	1	9	24	23	27	19	4	11	...	119	
1882	...	2	...	...	1	9	24	31	21	18	11	4	...	121
1883	4	6	29	29	21	15	14	4	1	123	
1884	1	3	18	27	29	24	10	4	1	117	
1885	3	27	29	23	13	13	2	2	112	
1886	1	10	25	27	24	14	15	3	1	120	
1887	3	5	27	28	21	13	12	8	...	117	
1888	3	8	27	29	29	10	8	6	...	120	
1889	2	7	27	29	28	15	13	2	2	125	
AVERAGE—1870-89.	2	7	25	28	24	18	11	4	1	120		
1890	1	7	8	30	29	22	21	12	6	1	137	
1891	2	3	22	28	26	16	12	4	...	113	
1892	6	14	20	31	31	22	15	3	...	142	

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Statement of Rainfall at different stations in inches.

Recording stations.	Years.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.	
Coondapoor.	1870	...	...	...	...	10.14	33.74	43.48	18.56	11.49	22.24	0.40	...	130.05
	1871	4.52	...	1.09	0.20	0.47	37.19	43.44	16.59	13.74	8.70	1.04	...	136.98	
	1872	...	...	...	0.60	7.40	47.76	69.05	29.04	10.19	3.30	0.40	0.60	168.34
	1873	...	0.23	...	0.38	3.71	39.56	22.89	14.01	14.22	7.92	...	0.10	103.02	
	1874	...	...	...	...	26.39	39.17	65.10	24.88	30.74	9.08	3.75	...	199.11
	1875	...	...	...	...	0.85	31.95	42.69	31.88	16.05	1.45	...	...	124.87
	1876	...	...	0.58	0.31	1.78	37.22	45.65	17.98	7.23	...	...	...	110.75
	1877	...	0.03	...	0.20	0.12	47.94	23.87	30.90	17.88	9.28	1.65	0.50	137.37	
	1878	...	...	...	...	5.45	39.35	25.45	60.64	32.96	5.78	0.13	0.04	169.80
	1879	...	...	1.10	0.17	26.38	42.91	22.20	38.99	5.19	12.49	1.12	0.20	150.75
	1880	...	...	...	1.59	1.37	34.13	46.17	10.42	9.45	8.70	2.02	...	113.85
	1881	...	...	0.03	...	6.67	23.52	13.78	22.51	12.49	3.37	4.70	...	87.07
	1882	0.77	...	...	...	6.01	23.08	60.94	16.97	13.97	9.18	1.36	...	137.28
	1883	...	0.02	1.24	...	3.72	43.58	55.57	27.03	21.34	8.90	2.23	0.30	163.93	
	1884	0.07	...	...	...	0.11	18.77	27.37	40.97	15.42	4.15	0.60	0.29	107.75
	1885	0.19	3.12	40.50	43.86	30.77	8.07	4.18	0.33	0.26	131.28
	1886	0.53	5.15	37.30	56.84	26.98	10.12	12.14	1.99	...	151.05
	1887	3.42	51.88	36.27	19.21	11.97	12.90	6.97	142.62
	1888	0.25	3.54	5.92	64.47	33.40	28.76	2.80	2.25	2.78	0.50	144.67
	1889	0.03	3.32	64.15	49.56	30.11	11.38	16.02	0.12	0.47	175.16
AVERAGE— 1870-89.		0.28	0.01	0.14	0.45	6.08	46.16	41.63	26.86	13.83	8.10	1.58	0.16	139.28	
Coondapoor.	1890	...	...	0.12	2.33	5.37	43.68	56.45	21.83	5.12	1.32	0.63	...	136.85
	1891	...	...	...	0.39	0.57	35.63	38.03	13.53	9.76	9.94	0.24	...	108.09
	1892	...	...	...	0.87	16.36	22.90	68.77	39.96	21.24	18.18	0.30	...	188.58
	AVERAGE— 1870-89.		0.28	0.01	0.14	0.45	6.08	46.16	41.63	26.86	13.83	8.10	1.58	0.16	139.28
Udipi.	1870	...	...	...	...	0.55	41.50	41.70	21.45	7.93	18.77	0.70	...	132.60
	1871	3.15	...	0.16	0.30	12.05	41.02	44.92	17.37	14.55	3.05	2.25	...	138.82	
	1872	...	...	...	...	4.70	47.30	76.37	34.45	14.12	2.65	0.47	0.12	180.18
	1873	...	...	...	0.05	8.00	42.10	21.60	18.43	13.97	8.82	0.11	0.05	113.13
	1874	...	...	...	...	19.81	31.22	71.14	24.27	31.48	9.78	3.80	0.63	192.30
	1875	...	...	...	0.48	1.43	26.10	36.92	28.20	11.68	2.20	...	...	107.01
	1876	...	...	0.20	1.45	0.28	34.21	50.10	20.43	5.23	...	0.25	...	112.15
	1877	...	...	...	...	0.66	39.43	26.34	36.41	22.83	10.28	1.17	0.90	138.02
	1878	...	...	0.02	...	1.84	50.95	40.31	45.81	36.85	10.19	1.25	0.17	187.39
	1879	...	...	0.02	0.20	20.95	36.23	24.59	34.14	4.97	8.21	1.54	...	130.85
	1880	...	...	...	1.03	2.27	39.77	38.11	10.02	8.99	4.84	0.70	0.20	105.93
	1881	...	...	0.25	0.28	5.34	20.41	10.40	26.94	10.53	4.49	5.03	...	83.67
	1882	0.35	...	...	...	7.74	36.94	55.97	19.70	14.55	10.87	2.89	...	149.01
	1883	...	...	...	1.34	0.63	35.20	51.68	31.04	11.07	12.97	2.05	0.42	146.40
	1884	0.03	...	...	0.57	0.63	19.88	26.51	43.11	12.62	3.42	1.99	0.10	108.86
	1885	...	...	...	...	0.83	46.14	40.78	25.05	7.90	7.82	0.45	2.62	131.59
	1886	...	...	...	0.20	4.54	34.89	54.92	20.26	5.38	12.55	2.88	...	135.62
	1887	...	...	...	1.75	4.07	53.25	35.05	20.83	11.40	18.01	4.15	...	148.51
	1888	0.10	...	...	0.73	5.99	60.72	27.69	30.10	4.94	3.40	1.80	0.28	135.75
	1889	...	...	...	...	8.23	54.56	44.28	25.94	12.83	13.62	0.10	1.70	161.26
AVERAGE— 1870-89.		0.18	...	0.03	0.43	5.52	39.59	40.97	26.70	13.19	8.30	1.68	0.36	136.95	
Udipi.	1890	...	...	1.00	1.92	4.86	37.70	34.18	21.46	5.58	3.90	2.53	0.05	143.11
	1891	0.76	0.36	32.92	40.64	13.93	9.61	8.09	2.97	...	109.21	
	1892	2.47	19.62	16.35	34.59	38.25	13.24	20.28	2.87	...	177.67	

Number of Wet days.

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Recording stations.		January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
		Years.												
Coondapoor.		1870	4	3	1	2	26	31	28	20	20	3	...	131
		1871	...	...	...	15	22	31	22	19	10	3	...	130
		1872	...	...	...	3	20	27	25	15	9	2	...	104
		1873	1	...	...	3	27	25	11	17	9	...	...	95
		1874	...	...	...	14	22	30	7	23	7	2	...	105
		1875	...	...	...	27	29	29	25	18	4	...	...	106
		1876	...	...	...	4	21	30	29	15	...	...	...	101
		1877	...	...	...	1	24	29	27	19	17	...	...	120
		1878	...	...	...	1	8	21	22	25	12	...	...	114
		1879	...	...	...	12	28	23	30	11	14	...	...	123
		1880	...	...	...	1	29	30	16	17	6	...	...	104
		1881	...	...	...	1	3	29	26	18	6	...	...	116
		1882	2	...	...	6	22	31	20	17	11	2	...	111
		1883	...	...	...	5	30	29	22	19	9	4	...	123
		1884	...	...	...	14	25	27	27	13	6	1	...	101
		1885	...	...	...	3	24	30	29	13	6	1	...	108
		1886	...	...	...	5	24	28	24	13	10	2	...	107
		1887	...	...	...	9	28	27	16	13	8	7	...	98
		1888	1	...	...	5	28	29	27	4	5	4	...	98
		1889	...	...	...	3	29	31	27	4	14	...	...	113
		1890	...	...	...	6	24	28	23	16	9	2	...	111
AVERAGE—		1870-89.	1	...	...	6	24	28	23	16	9	2	...	141
		1891	...	...	...	10	30	31	24	23	10	8	...	110
		1892	...	...	...	2	28	27	20	7	7	1	...	142
		1892	...	...	...	14	24	31	31	27	12	1	...	142
Udipi.		1870	2	...	...	3	27	29	26	18	23	2	...	128
		1871	...	...	...	12	24	23	16	17	8	4	...	107
		1872	...	...	...	8	24	29	21	17	6	1	...	104
		1873	...	...	...	7	27	25	18	19	14	1	...	111
		1874	...	...	...	14	29	30	24	27	14	4	...	144
		1875	...	...	...	14	26	30	25	16	6	...	...	118
		1876	...	...	...	1	22	30	26	13	...	...	...	96
		1877	...	...	...	3	27	26	27	18	14	3	...	119
		1878	...	...	...	8	27	27	25	28	12	3	...	126
		1879	...	...	...	14	29	26	15	19	11	3	...	129
		1880	...	...	...	2	29	32	28	15	11	4	...	115
		1881	...	...	...	5	30	31	18	19	7	3	...	122
		1882	...	...	...	10	23	30	19	18	10	12	...	129
		1883	...	...	...	3	30	30	19	18	14	4	...	115
		1884	...	...	...	3	30	30	22	18	14	4	...	124
		1885	...	...	...	3	18	28	29	17	10	4	...	110
		1886	...	...	...	27	28	21	14	10	9	1	...	106
		1887	...	...	...	1	24	28	24	15	13	2	...	114
		1888	...	...	...	3	26	29	23	15	12	7	...	123
		1889	...	...	...	8	25	30	29	9	6	4	...	116
		1890	...	...	...	9	28	29	26	14	12	1	...	121
AVERAGE—		1870-89.	7	26	28	24	18	10	3	...	118
		1890	5	30	31	22	20	10	6	...	131
		1891	1	21	28	25	17	7	3	...	108
		1892	12	21	30	31	22	12	2	...	134

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Statement of Rainfall at different stations in inches—cont.

Recording stations.	Years.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.	
Karkal.	1880	...	...	...	3.40	9.55	49.27	52.54	15.65	16.47	15.77	3.80	...	166.45
	1881	...	...	0.25	0.70	6.35	27.50	19.79	42.10	12.65	3.60	8.20	...	121.14
	1882	3.30	...	...	...	13.90	53.55	81.05	28.85	22.95	19.90	6.87	...	230.37
	1883	...	...	...	2.90	3.60	44.12	83.64	47.25	17.15	25.30	4.05	2.10	230.11
	1884	...	...	...	2.85	0.85	24.20	49.92	53.60	15.66	6.27	4.44	0.05	157.84
	1885	...	...	...	...	3.35	58.30	50.85	39.60	6.95	17.15	3.40	4.90	184.50
	1886	...	...	...	0.22	6.45	42.65	57.30	25.90	8.00	14.72	3.30	1.85	160.39
	1887	...	...	...	1.92	2.12	56.23	61.49	17.42	17.37	22.12	10.09	0.17	188.93
	1888	...	...	...	2.50	3.25	57.04	55.10	43.47	5.42	7.82	3.70	0.20	178.50
	1889	...	...	...	2.35	4.56	66.66	55.67	41.05	20.88	26.85	1.00	0.20	219.22
AVERAGE— 1880-89.)		0.33	...	0.02	1.68	5.40	47.95	56.73	35.49	14.35	15.95	4.89	0.95	183.74	
Beltangadi.	1890	...	0.02	0.15	4.04	3.42	38.89	64.78	29.34	6.76	9.34	5.06	0.96	162.76	
	1891	...	...	...	0.91	0.65	34.31	53.32	25.59	12.90	16.12	4.64	...	148.44
	1892	...	...	...	2.89	18.93	17.05	85.96	50.03	22.40	18.13	3.06	0.40	218.85
	AVERAGE— 1880-89.)		0.11	...	0.24	1.71	4.49	41.20	54.65	34.10	13.65	14.02	5.00	0.76	169.93
Bartval.	1890	...	...	1.48	2.02	5.04	37.88	56.45	32.70	9.70	13.95	7.85	0.70	167.77
	1891	...	0.35	0.50	1.35	3.72	22.78	55.25	28.93	11.93	10.75	0.71	...	136.27	
	1892	...	...	...	4.95	14.41	16.20	87.38	37.40	19.79	12.30	2.72	0.28	195.43
	Beltangadi.	1880	0.80	6.81	41.05	45.50	12.52	9.37	5.55	4.22	2.20	128.02
		1881	0.10	...	2.40	25.55	14.32	34.08	10.77	3.13	6.89	0.15	97.39
		1882	0.65	7.90	42.47	66.45	21.91	17.12	12.42	4.60	...	173.52
		1883	1.95	3.67	36.42	51.86	22.48	12.51	7.97	3.80	0.90	141.56
		1884	0.25	2.19	20.85	43.52	41.80	15.62	6.20	3.97	0.24	134.64
		1885	0.80	39.00	45.80	25.75	6.20	10.10	3.00	2.62	133.27
		1886	4.60	27.75	44.70	12.52	7.32	7.35	3.32	...	107.56
1887		...	...	0.02	0.82	0.68	49.75	43.30	16.27	10.87	21.82	2.37	...	145.90
1888		...	...	...	1.10	2.85	51.95	36.35	33.36	3.54	3.00	3.05	0.02	135.22
1889		...	...	...	0.28	5.25	63.06	40.99	35.00	16.39	13.87	1.17	3.60	179.61
AVERAGE— 1880-89.)		0.07	...	0.01	0.52	3.72	39.78	43.28	25.57	10.97	9.14	3.64	0.97	137.67	
Bartval.	1890	...	...	0.07	2.62	4.78	35.11	49.82	20.07	6.09	6.23	0.87	0.47	126.18
	1891	...	0.24	...	0.14	2.58	23.87	41.37	21.13	7.06	8.45	0.43	...	105.27	
	1892	6.27	14.78	10.58	65.53	38.29	11.94	11.05	1.93	...	160.37	

Number of Wet days—cont.

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Recording stations.	Years.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
Kárkal.	1880	...	...	...	...	...	...	...	...	...	...	...	...	...
	1881	...	...	...	...	...	...	...	...	...	...	...	...	...
	1882	...	...	...	...	...	...	...	...	...	...	...	...	...
	1883	...	...	...	...	...	...	...	...	...	...	...	...	...
	1884	...	...	...	...	...	...	...	...	...	...	...	...	...
	1885	...	...	...	...	...	...	...	...	...	...	...	...	...
	1886	...	...	...	2	11	27	28	28	15	18	3	4	136
	1887	...	...	...	5	5	29	29	25	16	14	11	1	135
	1888	...	...	...	4	7	27	31	31	12	10	4	1	127
	1889	...	...	...	2	7	29	31	31	19	18	2	1	140
	1890	1	1	10	9	30	30	22	23	14	9	2	151
1891	...	...	...	...	2	3	18	30	27	18	17	7	...	122
1892	...	...	...	...	8	14	20	31	31	28	21	4	1	158
Beltan-gadi.	1880	...	...	...	...	...	...	...	...	...	...	...	...	...
	1881	...	...	...	...	...	...	...	...	...	...	...	...	...
	1882	...	...	...	...	...	...	...	...	...	...	...	...	...
	1883	...	...	...	...	...	...	...	...	...	...	...	...	...
	1884	...	...	...	...	...	...	...	...	...	...	...	...	...
	1885	...	...	...	...	...	...	...	...	...	...	...	...	...
	1886	...	...	...	...	12	28	28	25	19	20	2	...	134
	1887	...	...	1	5	4	27	29	21	14	17	8	...	126
	1888	...	...	...	4	8	27	30	31	11	10	9	...	130
	1889	...	...	...	3	8	29	31	29	19	15	3	2	139
	1890	3	12	9	30	31	20	23	15	6	2	151
1891	...	...	1	1	4	7	22	31	30	17	12	3	...	128
1892	...	...	...	...	6	14	21	31	30	26	19	5	1	153
Bantvál.	1880	...	...	...	...	...	...	...	...	...	...	...	...	...
	1881	...	...	...	...	...	...	...	...	...	...	...	...	...
	1882	...	...	...	...	...	...	...	...	...	...	...	...	...
	1883	...	...	...	...	...	...	...	...	...	...	...	...	...
	1884	...	...	...	...	...	...	...	...	...	...	...	...	...
	1885	...	...	...	...	...	...	...	...	...	...	...	...	...
	1886	...	...	...	...	8	29	27	23	12	12	5	...	116
	1887	...	...	...	1	4	23	29	23	11	13	7	...	111
	1888	...	...	...	2	6	23	30	29	9	7	4	...	115
	1889	...	...	...	2	10	28	29	30	16	12	3	2	132
1890	...	...	...	1	8	30	29	25	26	13	5	2	147	
1891	...	...	1	...	1	3	23	28	28	17	11	2	...	114
1892	...	...	...	...	5	13	18	31	30	19	16	4	...	136

CHAP. IV.

RAINFALL.

Statement of Rainfall at different stations in inches—cont.

Recording stations.	Years.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.	
Uppinngadi or Puttur.	1870	...	...	1.13	0.11	0.10	35.90	37.77	19.10	11.80	12.85	0.36	...	119.12	
	1871	7.10	0.15	0.05	2.95	7.45	35.50	53.85	20.95	16.35	12.70	5.90	0.35	163.30	
	1872	...	...	...	1.65	10.45	39.30	80.25	35.40	19.55	4.20	3.10	1.05	194.95	
	1873	...	...	1.35	...	7.15	6.45	37.10	40.30	20.65	11.50	9.10	0.10	0.20	133.90
	1874	...	...	...	2.20	22.40	42.60	56.20	21.60	26.80	12.85	7.40	0.15	...	192.20
	1875	...	...	...	0.45	3.00	29.50	46.70	26.35	12.65	8.90	2.05	...	...	129.60
	1876	...	...	...	3.50	1.60	1.30	31.35	57.65	28.00	8.70	2.20	2.55	...	136.85
	1877	...	...	...	...	5.35	2.00	42.55	24.90	34.32	20.29	13.83	2.30	3.15	148.69
	1878	...	...	...	0.05	1.55	4.85	33.60	29.30	46.53	29.17	14.45	0.85	4.15	164.50
	1879	...	...	...	0.55	1.18	25.62	31.45	28.31	35.38	8.20	11.15	3.85	...	145.69
	1880	...	...	...	0.05	3.83	3.90	33.51	44.10	11.51	8.01	8.43	14.09	3.27	130.70
	1881	...	...	...	0.30	0.69	4.90	20.83	15.78	41.29	8.69	2.14	10.35	...	104.97
	1882	3.44	...	...	0.05	0.45	5.72	43.54	68.14	22.38	13.95	21.38	3.01	1.35	183.41
	1883	...	...	...	...	7.71	5.22	33.92	53.03	21.86	10.42	15.01	3.39	0.93	151.49
	1884	...	...	...	...	0.70	3.31	17.76	43.18	41.02	15.34	6.92	5.00	0.31	133.54
	1885	...	...	...	...	...	1.82	57.13	33.13	27.95	7.63	10.30	4.12	0.77	142.85
	1886	...	...	...	...	0.92	6.60	31.75	39.10	16.35	7.92	10.26	2.98	0.18	116.06
	1887	...	...	...	0.03	2.86	2.38	43.47	38.93	13.17	10.25	29.06	4.67	0.23	145.05
	1888	...	...	...	...	1.51	7.13	36.83	44.22	31.33	5.88	7.38	6.37	...	140.65
1889	...	...	...	...	0.68	3.87	58.92	36.97	28.81	14.33	13.38	1.72	2.45	161.13	
AVERAGE— 1870-89.		0.53	0.08	0.30	2.15	6.42	36.83	43.59	27.20	13.37	11.32	4.21	0.93	146.93	
Mangalore.	1890	...	...	...	0.43	3.62	2.62	26.37	56.10	23.48	5.36	9.63	1.26	0.22	129.09
	1891	...	...	0.18	0.70	2.70	2.49	22.13	43.37	25.33	8.01	14.15	4.04	...	124.00
	1892	...	...	...	2.73	12.58	10.14	61.02	36.97	9.15	7.60	1.60	...	...	141.79
	AVERAGE— 1870-89.		0.53	0.08	0.30	2.15	6.42	36.83	43.59	27.20	13.37	11.32	4.21	0.93	146.93
Mangalore.	1870	...	...	0.50	0.84	1.76	34.99	39.84	20.48	9.90	15.98	1.48	...	125.77	
	1871	4.16	1.78	...	1.98	6.94	50.32	51.55	15.62	17.08	9.79	2.09	...	161.31	
	1872	...	...	...	0.66	6.31	36.67	70.43	35.69	8.98	3.79	1.07	0.91	164.51	
	1873	...	...	0.52	...	0.88	10.11	43.47	23.74	16.53	10.34	9.37	...	0.78	115.74
	1874	...	...	0.02	...	3.55	22.43	39.29	49.35	19.29	24.76	12.72	3.25	0.45	175.11
	1875	...	...	...	...	2.30	2.60	36.52	34.94	21.47	6.42	2.59	0.31	0.96	108.11
	1876	...	...	...	0.35	2.70	1.75	38.29	45.93	21.24	9.57	1.54	0.10	...	121.47
	1877	...	...	...	...	0.56	0.49	40.82	25.16	34.33	17.68	12.24	1.76	0.04	133.08
	1878	...	...	...	0.05	4.85	8.94	47.61	33.27	43.92	29.48	12.44	1.30	0.44	182.30
	1879	...	...	...	0.05	0.10	31.52	30.75	34.50	32.94	10.70	10.88	3.44	0.30	155.18
	1880	...	...	...	...	1.20	5.22	40.55	41.50	8.82	8.85	5.58	3.65	2.20	117.57
	1881	...	...	...	...	4.50	24.34	11.34	35.13	12.41	0.90	6.88	...	...	95.50
	1882	...	...	...	...	0.55	14.15	38.75	58.75	21.77	11.28	3.98	1.70	...	150.93
	1883	...	...	...	0.02	2.47	3.31	26.95	47.54	23.40	7.46	5.74	2.34	0.36	119.59
	1884	...	...	...	...	0.10	0.47	25.33	26.36	32.03	19.11	5.40	2.18	0.14	111.12
	1885	...	...	...	...	...	0.55	42.20	48.12	17.92	5.57	11.42	1.45	0.70	127.93
	1886	...	...	...	...	...	9.32	23.97	39.00	11.17	10.14	6.74	3.65	...	103.99
	1887	...	...	...	0.02	1.17	3.10	52.46	27.37	17.00	14.22	13.12	3.52	...	131.98
	1888	...	...	...	...	1.55	5.17	56.35	21.47	22.51	5.00	4.89	5.01	0.06	122.01
1889	0.90	...	...	...	...	9.89	57.98	35.60	23.89	11.67	10.46	0.30	3.10	153.79	
AVERAGE— 1870-89.		0.25	0.12	0.05	1.27	7.43	39.38	38.29	23.76	12.53	7.98	2.27	0.52	133.85	
Mangalore.	1890	...	...	...	0.23	1.61	6.12	33.14	40.49	9.34	4.74	5.37	1.12	...	102.16
	1891	...	...	0.12	0.25	0.50	0.37	36.16	31.72	12.30	8.00	7.10	1.96	...	98.48
	1892	...	...	...	5.41	15.05	15.06	48.15	41.17	9.03	12.51	4.37	...	150.75	

Number of Wet days—cont.

RAINFALL.

Recording stations.	Years.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.	
Uppi-nan-gadi or Puttúr.	1870	...	...	2	2	3	25	31	27	18	21	7	...	136
	1871	...	4	1	6	9	30	31	21	24	13	10	1	151	
	1872	...	...	...	3	3	20	31	30	22	9	3	3	124
	1873	...	...	4	...	3	8	28	30	18	18	16	1	127
	1874	...	...	...	4	19	29	30	26	24	15	8	1	156
	1875	...	...	...	2	...	8	24	30	24	19	9	3	119
	1876	...	...	...	5	4	3	22	31	31	15	6	3	120
	1877	7	6	25	28	27	19	15	3	3	133
	1878	2	8	21	23	27	26	15	4	3	129
	1879	2	3	14	28	29	31	14	13	4	...	138
	1880	4	7	29	31	21	19	12	13	3	3	139
	1881	2	3	9	23	22	30	19	6	11	...	125
	1882	...	4	1	9	26	31	21	21	14	6	1	134
	1883	7	7	26	29	23	13	19	5	2	131
	1884	2	5	20	29	30	26	15	4	1	132
	1885	5	29	29	23	12	18	2	4	122
	1886	1	8	26	27	25	15	20	4	1	127
	1887	4	7	28	29	22	13	14	10	1	128
	1888	4	7	28	31	29	12	9	6	...	126
	1889	2	9	29	29	28	18	11	3	2	131
	AVERAGE— 1870-89.	...	...	1	3	8	26	29	26	18	13	6	1	131
Manga-lore.	1890	...	...	1	7	4	30	29	21	19	12	5	3	131
	1891	...	...	1	3	4	22	28	27	15	15	4	...	120
	1892	...	...	...	5	11	16	31	31	21	11	1	...	127
	1870	...	...	1	3	5	24	30	27	20	24	8	...	142
	1871	...	3	1	4	14	26	26	20	21	10	6	...	131	
	1872	...	...	...	2	2	24	27	29	19	7	3	2	115
	1873	...	...	1	2	12	27	25	18	17	12	...	1	115
	1874	...	...	...	2	16	27	30	26	25	11	4	1	142
	1875	...	...	...	1	2	18	29	21	16	5	2	2	96
	1876	1	3	5	22	30	27	12	5	1	...	106
	1877	1	3	24	28	23	19	20	4	...	122
	1878	2	10	21	25	24	28	10	3	1	124
	1879	14	28	29	29	18	12	3	2	135
	1880	1	5	30	30	18	20	7	7	3	121
	1881	7	24	24	29	20	1	12	...	117
	1882	1	9	26	31	24	18	8	6	...	123
	1883	4	7	28	29	21	13	12	3	1	118
	1884	1	17	27	29	25	10	2	111
	1885	2	26	27	20	14	17	2	2	110
	1886	10	23	30	25	15	13	3	...	119
1887	...	...	...	...	4	8	27	26	20	13	10	7	...	115
1888	...	...	...	...	2	11	29	25	28	10	9	7	...	121
1889	...	...	...	...	...	5	27	30	27	16	10	1	1	118
	AVERAGE— 1870-89.	...	...	...	2	7	25	28	24	18	11	4	1	120
	1890	...	...	1	5	10	30	29	22	20	13	5	...	135
	1891	...	...	1	1	1	24	27	22	16	11	4	...	107
	1892	...	...	...	8	16	20	30	30	17	14	3	...	138

CHAP. IV.
RAINFALL.

Statement of Rainfall at different stations in inches—cont.

Recording stations.	Years.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.	
Kasaragod.	1870	...	...	0.08	0.33	0.95	34.10	38.27	20.73	11.78	17.30	1.00	...	124.54	
	1871	...	5.75	0.90	1.17	2.80	9.17	35.92	47.62	12.57	14.95	6.05	3.60	...	140.50
	1872	...	...	...	...	0.12	10.30	44.32	62.10	28.97	8.97	2.42	0.27	...	157.47
	1873	...	...	0.25	...	0.90	9.50	41.90	31.70	11.40	7.82	4.05	...	1.10	108.62
	1874	...	...	...	...	1.82	26.83	35.50	43.52	18.68	20.06	11.06	2.27	0.47	160.21
	1875	...	...	...	...	0.17	2.80	31.28	39.62	17.87	7.17	2.78	1.60	...	103.29
	1876	...	...	...	0.27	1.50	0.83	33.42	45.95	16.40	5.95	0.05	0.05	0.25	104.67
	1877	...	...	...	...	0.35	2.73	35.68	13.28	33.63	17.34	14.25	0.54	...	117.80
	1878	...	...	...	...	2.12	9.20	54.55	29.29	43.74	31.33	10.50	5.83	2.57	189.13
	1879	...	...	...	...	1.90	26.15	31.50	30.55	26.41	11.48	4.95	0.90	0.45	134.29
	1880	...	...	...	...	4.65	3.27	30.37	33.59	8.92	5.13	5.87	5.05	0.30	97.15
	1881	...	1.55	...	...	0.03	6.39	22.30	12.20	31.62	6.95	1.85	7.35	...	90.24
	1882	...	...	...	0.15	0.40	15.57	37.35	48.45	16.10	11.10	13.20	1.64	0.06	144.02
	1883	...	...	...	...	1.18	2.02	30.69	48.59	19.75	6.20	6.00	1.70	0.70	116.83
	1884	...	...	...	...	0.40	1.67	24.02	24.13	35.52	15.30	7.10	2.45	0.15	110.74
	1885	...	...	...	...	...	2.00	44.70	50.45	17.77	4.87	12.40	0.70	0.52	133.41
	1886	...	...	...	...	...	12.37	24.17	38.82	10.20	7.40	8.78	4.40	...	106.14
	1887	...	...	...	...	1.31	1.45	58.65	28.51	15.75	13.76	14.03	2.85	...	136.31
	1888	...	...	...	...	2.18	8.87	57.88	22.08	30.82	4.64	4.22	14.55	...	145.24
	1889	...	...	...	...	0.70	5.38	61.77	29.56	23.65	10.52	5.69	0.54	0.79	138.60
	AVERAGE— 1870-89.	0.37	0.06	0.08	1.14	7.87	38.50	35.91	22.03	11.14	7.63	2.86	0.37	127.96	
Hosdrug.	1890	...	0.23	0.16	1.16	5.42	36.39	45.58	14.42	5.17	3.92	1.67	0.06	114.18	
	1891	...	0.34	...	0.81	0.19	42.56	31.63	14.56	5.37	8.18	1.53	...	105.17	
	1892	...	...	...	5.44	25.22	13.40	64.30	39.38	10.51	13.08	3.02	...	174.35	
	1880	...	...	0.02	3.54	3.77	31.74	30.40	6.53	5.88	3.69	4.35	1.20	...	91.12
	1881	...	...	...	1.50	5.87	20.18	12.55	33.48	4.72	2.28	10.20	...	...	90.78
	1882	...	1.10	...	1.00	9.55	37.44	52.04	16.55	10.64	7.85	2.27	0.47	...	138.91
	1883	...	...	...	0.15	3.80	2.50	30.35	44.65	23.30	5.60	7.00	1.90	0.60	119.85
	1884	...	...	...	0.20	0.60	26.75	28.30	27.35	14.15	5.60	1.70	0.40	...	105.05
	1885	...	...	...	...	1.94	51.35	48.90	14.77	2.85	9.97	0.25	1.22	...	131.25
	1886	...	...	...	...	...	11.95	28.15	39.97	7.77	7.40	8.70	3.25	...	107.19
	1887	...	...	...	...	1.25	0.45	53.85	29.72	9.50	9.37	9.85	4.32	...	118.31
	1888	...	...	...	...	2.97	9.07	59.17	24.77	31.10	4.50	3.50	5.67	...	140.75
1889	...	...	...	...	2.70	3.17	64.95	27.54	19.06	14.18	6.44	0.20	2.05	140.29	
	AVERAGE— 1880-89.	0.11	...	0.02	1.70	4.89	40.39	33.88	18.94	7.93	6.49	3.41	0.59	118.35	
1890	...	...	0.02	0.32	1.50	1.67	44.99	46.41	13.66	2.46	4.75	1.45	0.15	117.38	
1891	...	...	0.04	0.22	0.65	0.70	35.00	41.70	18.10	6.54	8.42	1.99	...	113.36	
1892	...	...	...	0.12	9.74	23.89	11.71	66.55	35.72	8.29	14.56	4.63	...	175.21	

Number of Wet days--cont.

RAINFALL.

Recording stations.	Years.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.	
Kásara-gód.	1870	...	...	1	1	3	26	31	26	15	23	5	...	131	
	1871	...	3	1	2	3	12	27	28	19	20	12	5	...	134
	1872	...	...	...	...	...	4	23	29	28	18	5	2	...	109
	1873	...	...	1	...	3	11	26	29	15	13	8	...	2	108
	1874	...	...	...	...	4	20	28	28	27	20	13	4	2	146
	1875	...	...	...	...	1	2	25	29	20	17	3	2	...	99
	1876	...	...	...	1	1	2	22	31	24	11	...	...	1	93
	1877	...	...	...	...	1	5	25	20	24	20	18	3	...	116
	1878	...	...	...	...	3	8	24	23	26	26	12	4	3	129
	1879	...	...	...	...	4	13	29	26	23	15	12	3	2	127
	1880	...	...	...	...	3	6	18	29	17	17	9	7	3	109
	1881	...	...	...	...	...	9	27	20	24	18	3	12	...	113
	1882	...	...	4	...	2	8	24	31	22	16	13	3	...	123
	1883	...	...	...	1	3	7	29	28	19	12	14	4	2	119
	1884	...	...	...	...	2	4	22	26	29	25	13	7	1	129
	1885	...	...	...	...	...	3	28	30	21	10	16	2	3	113
	1886	...	...	...	...	...	16	22	28	19	13	13	3	...	114
	1887	...	...	...	...	2	3	25	28	21	14	14	7	...	114
	1888	...	...	...	...	3	11	27	27	27	10	7	6	...	118
	1889	...	...	...	...	3	4	29	27	26	15	11	1	1	117
	AVERAGE— 1870-89.	...	...	...	2	8	25	28	23	16	11	4	1	118	
Kásara-gód.	1890	...	...	2	2	6	10	29	28	21	21	9	5	1	134
	1891	...	...	1	...	2	1	25	28	24	12	9	4	...	106
	1892	...	...	...	...	8	14	21	31	31	19	12	3	...	139
	1880-1885	...	...	...	...	...	...	...	...	...	...	...	...	...	No record.
Hosdrág.	1886	...	...	...	...	16	22	26	19	13	13	2	...	111	
	1887	...	...	...	3	2	29	27	16	11	8	9	...	105	
	1888	...	...	...	4	9	27	26	27	10	8	7	...	118	
	1889	...	...	...	3	4	27	29	25	17	10	1	3	...	119
	1890	...	...	1	2	9	7	29	26	15	15	11	5	2	122
	1891	...	...	...	1	2	3	21	28	26	11	15	4	...	111
	1892	...	...	...	1	9	14	19	30	31	20	15	5	...	144

The foregoing statistics of rainfall are in themselves sufficient SEASONS. to give a good idea of the nature of each year from an agricultural point of view. The following table, however, which has been compiled from the reports of Collectors, shows, at a glance, the character of each season, as reported by the Collector.

CHAP. IV.
SEASONS.

Fasli.	Nature of the season.
1221	Season propitious and prices favourable to the ryots.
1222	Rainfall average, but unseasonable, and crops by no means plentiful. Prices were unusually favourable to the ryots except those of garden produce, for which the demand was small.
1223	Monsoon favourable. The first and second rice crops tolerably abundant.
1224	Report not available.
1225	Report not available.
1226	Rains excessive and unseasonable. The seed was washed away from the ground and the irrigation channels destroyed; and later on the growing crops withered for want of water. Prices rose in the beginning of the year, but fell as the demand slackened.
1227	Report not available.
1228	Rains excessive. Rivers overflowed their banks and destroyed the fields. Pepper and betel-nut suffered materially in the latter stages of the cultivation. There was a rise in prices. Cholera severe and cattle-disease destructive.
1229	Rains heavy. Heavy weather in April and a storm in May destroyed large number of cattle. Public health bad owing to ravages of epidemics. Prices low.
1230	This fasli was free from storms and contagious disorders and consequently trade revived.
1231	There was drought at the commencement, fair weather in the middle and heavy rains at the close of the monsoon. The garden produce was seriously damaged. Prices low and unprofitable to the ryots.
1232	The rains were heavy and many tanks burst at the latter end of the monsoon. The crops suffered to some extent. The price of grain was so low that the smaller farmers were utterly ruined.
1233	Report not available.
1234	Monsoon abundant, but not seasonable. Want of rain in August and September injured or completely destroyed the standing crops in the uplands. Prices were, however, low. A severe epidemic fever caused great mortality among the people.
1235	Monsoon unseasonable and unfavourable, being scanty at first, heavy in July, wild and unserviceable towards the close. Prices rose high. There was great mortality from sickness and loss of cattle from murrain.
1236	Report not available.
1237	Report not available.
1238	Rainfall on the whole favourable. The prices of grain fell, but those of garden crops advanced. Public and cattle free from disease.
1239	Season average, though not so favourable as that of the previous fasli. Prices very low. Public health and condition of cattle good.
1240	Rainfall somewhat unseasonable and the paddy crop injured by locusts in parts. Prices very low. Public health and condition of cattle good.

CHAP. IV.
SEASONS.

Fasli.	Nature of the season.
1241	Rains sufficient and seasonable; outturn generally good. The prices of rice were favourable to the ryots, but those of garden produce were very low. Cholera broke out in parts, but did not prove very fatal. The condition of cattle was generally good.
1242	Monsoon not favourable to the later crops and garden produce. Prices favourable to the ryots. Want of fodder in April and May and incessant rains in June and July destroyed the cattle in great numbers.
1243	Report not forthcoming.
1244	Season on the whole favourable for agricultural operations and wholesome both for men and cattle. Prices low.
1245	The season was generally favourable to rice cultivation, but hot land winds proved injurious to garden crops. There was a rise in the prices of garden produce. Public health good and cattle free from disease.
1246	The season was generally favourable. The first crop was excellent, but the outturn of the second crop was below average owing to the scanty rains towards the close of the monsoon. There was a rise in the price of rice. The season was healthy both for men and cattle.
1247	Monsoon abundant, though unsteady in the earlier months, and the outturn of all crops excellent. Prices generally very low. Small-pox raged with considerable virulence and the cattle suffered from an infectious disease which carried them off in large numbers.
1248	Monsoon deficient and unseasonable; and the rice crop failed or fell short of the average, except near the gháts. But garden plantation generally did well. Prices high. Public health better than in the previous fasli; but cattle were carried off in large numbers by an epidemic.
1249	Heavy early rains injured the rice crops in the low lands, and the second crop suffered partially from the scantiness of the later rains. The season was healthy both to people and cattle. Prices were higher than in the previous fasli.
1250	Report not available.
1251	Rains abundant, and, on the whole, seasonable. Outturn of crops generally good. Prices below average. Season, on the whole, healthy both for men and cattle.
1252	} Reports not available.
1253	
1254	
1255	
1256	
1257	
1258	
1259	
1260	Monsoon sufficient, though less copious than in the previous fasli. Prices favourable to the ryots. There was great mortality from cholera and considerable loss of cattle from epidemics.
1261	Rainfall generally sufficient and the season was one of abundance. There was a fall in prices except those of some garden produce. Small-pox was severe, but cholera disappeared. Murrain amongst cattle was also severe in parts.

CHAP. IV.
SEASONS.

Fasli.	Nature of the season.
1262	Rainfall abundant and crops generally good. Cholera was more prevalent than in the previous fasli, but small-pox was less so. There was not much disease among cattle.
1263	Monsoon very irregular. Heavy early rains injured a portion of the crops on the low lands, while the scantiness of rain in the latter part of the season injured the second crop. Prices were high. Cholera was more severe and fatal than in the previous fasli; but small-pox disappeared. The loss of cattle from foot-and-mouth disease was also great.
1264	Rains abundant. There was a slight rise in prices. Public health was slightly worse than in the previous fasli and the mortality among cattle was nearly 50 per cent. more owing to the early close of the monsoon and the consequent deficiency of pasture.
1265	The fall of rain was seasonable, though scanty, and the harvest more abundant than in the previous year. But there was an unusual demand on Canara rice owing to the failure of crops in Malabar, and the scarcity directed the usual supplies received from above the ghâts to the eastward. There was in consequence a further rise in prices, which stood higher than at any time during the past thirty years. Fever and other diseases prevailed largely in the interior, but the mortality from cholera was only 411 against 3,068 in the previous fasli. Mortality among cattle was also considerably less.
1266	Rainfall unusually heavy, but not well distributed; considerable injury was caused in some of the garden tracts by a hurricane. The heavy early rains seriously interrupted and diminished the outturn of the first rice crop and the yield of the more delicate garden products; while the failure of the later rain had an injurious effect on the second and third rice crops. Coconut gardens gave an average yield. There was a further rise in prices owing to the continuance of scarcity and high prices in the inland districts and Malabar. Cholera and small-pox were much less prevalent than in the previous fasli, but fever of a most virulent type was very general; mortality among cattle was higher than in the previous fasli.
1267	The fall of rain was somewhat less than in the previous year, but more seasonable and the harvest consequently more abundant. Prices again advanced during the year by 21 to 26 per cent.; the continual rise in the prices of agricultural produce did not, however, cause any suffering to the lower classes. There was comparatively little sickness, and public health was remarkably good. But murrain among cattle was widespread and destructive, the mortality among cattle being 56 per cent. more than in the previous year and nearly double that of fasli 1265.
1268	Rains heavy, but unseasonable. The yield of the first rice crop was not, therefore, abundant; but the second crop and the sugar-cane produce were, however, good. Prices rose still further during the year, and their continued rise during the past five years began to press on the poorer classes. Cholera prevailed throughout the district, but small-pox and fever were less destructive than in the previous year. Though murrain was experienced throughout the district the loss of cattle from this disease was far below that of the previous fasli.
1269	The rainfall was about the average and the harvests better than in fasli 1268. There was a further rise in the prices of food grains. Cholera and small-pox were prevalent, but cattle were remarkably free from disease.
1270	Rainfall below the average, but seasonable; harvest of paddy abundant and of good quality; but the yield of gardens below average. There was a slight fall in prices which, however, were twice to three times the district commutation rates. Cholera disappeared and public health was good. Cattle also were free from disease.

CHAP. IV.
SEASONS.

Fasli.	Nature of the season.
1271	Rainfall heavier than in the previous fasli except during September and October when it was very scanty. Consequently the yield of the first crop was abundant, but that of the second and the third very meagre. Small-pox was prevalent, but did not spread and soon disappeared. There was a fall in the prices.
1272	Season decidedly favourable and wet and garden crops yielded well; there was however a rise in the price of rice owing to increased demand for export. Cholera was prevalent for some time in parts and murrain, which had made its appearance in the previous year, proved destructive to cattle.
1273	Rainfall deficient and unseasonable and unfavourable to the rice crop, which yielded a small outturn. There was consequently a very large rise in prices of rice which ruled higher than in any of the previous eleven years. Garden crops thrived well and the yield was good. Public health was indifferent and murrain was prevalent in a virulent form in parts and carried off considerable numbers.
1274	Season was favourable at the time of cultivation, but the rain was subsequently insufficient and later on altogether inadequate. Consequently the outturn of the rice crop was considerably below the average. There was a further rise in the prices of rice which were 220 per cent. higher than the commutation rates. The garden crops too suffered from the unfavourable season. There was further deterioration in the public health and in the condition of cattle.
1275	Early rains, on the whole, favourable to the first crop, which was, however, injured by the overflowing of the rivers and streams at some places in July. The absence of rain in September and from December to March proved very injurious, causing a partial loss of the second crop and the utter failure of the third. The cocoanut and areca plantations which had suffered in the latter part of the previous fasli yielded a rather scanty produce. Prices fell slightly. There was scarcity of good drinking water owing to long continued drought; and cholera and fever greatly increased in virulence and proved very destructive. Cattle diseases of a virulent type prevailed in the district and this coupled with a great scarcity of pasture caused a heavy mortality among cattle which amounted to between three and four times that of the previous year.
1276	Rains began late, but were, on the whole, favourable to rice cultivation. The yield of the areca and cocoanut plantations, however, which had suffered in the previous year, was scanty. Prices rose from 7 to 23 per cent. There was a slight improvement in the public health, but the mortality among cattle was considerably greater than in the previous year.
1277	Rainfall very seasonable and favourable to both rice and garden cultivation. Prices fell by about 40 per cent. Small-pox and cholera decreased, but fever was largely prevalent. The loss of cattle was only half that of the previous fasli owing to improved pasturage.
1278	Early rains sufficient; but there was a failure in September and October, which considerably damaged the second and third crops. Public health and the condition of cattle good.
1279	Rainfall somewhat deficient, but the season was not favourable. The first crop suffered from want of water to a little extent as also garden plantations, but the second and third crops fared well. There was a rise in prices which ranged higher than those of the previous year and the average of the ten previous years. There was a further improvement in the condition of cattle, but public health was indifferent.

CHAP. IV.
 SEASONS.

Fasli.	Nature of the season.
1280	The season was, on the whole, favourable. The yield of all the three rice crops and the garden plantations was good. Prices fell from 21 to 36 per cent. There was a severe outbreak of small-pox during the year and cholera was also prevalent. Murrain prevailed among cattle in some places with great virulence.
1281	Rainfall copious, but unseasonable. The first rice crop suffered in consequence and the outturn was poor. The second and third crops and garden plantations, however, fared better. There was a further fall in prices, which ranged from 15 to 54 per cent. below the average of the preceding ten years. Public health was good, but the condition of cattle was far from satisfactory owing to the prevalence of murrain in a virulent form.
1282	Rainfall unusually heavy. The first rice crop suffered from excess of water and was in part destroyed by rot and insects. The second crop and garden plantations did well. Prices below the average of the previous ten years. Public health and condition of cattle better than in the previous fasli.
1283	Rainfall seasonable, though not abundant. Outturn of crops satisfactory. There was a considerable fall in the prices of rice, but the prices of ragi and horsegram showed an advance. Public health was good and cattle were free from epidemic disease.
1284	Season not unfavourable, and the outturn of crops, on the whole, satisfactory. There was a rise in the price of first sort rice and paddy. There was no cholera but little small-pox; fever and dysentery were prevalent and considerably increased the total mortality. Cattle diseases were largely prevalent and there was considerable loss of cattle from disease and from wild beasts.
1285	Rainfall scanty and season unfavourable. The first rice crop yielded fairly, but the second and third crops, as also the garden plantations, suffered seriously from deficiency of rain. Prices rose slightly. There was cholera in the district and public health was not satisfactory. Cattle suffered from want of pasture and rinderpest was prevalent during the latter half of the year.
1286	Early rains abundant, but the latter part of the season exceptionally bad. The first rice crop yielded a plentiful harvest while the second and third crops as well as the garden produce suffered seriously. There was a considerable rise in prices which ruled much above the average of the ten previous years, partly due to short produce and partly to the prevalence of famine in other parts of the presidency. Cholera was prevalent during the early part of the year and was succeeded by an outbreak of small-pox of a virulent type which prevailed more or less throughout the district and caused over 7,000 deaths. Cattle suffered from want of pasture during the early part of the year, but their health was generally good.
1287	Season very favourable and the outturn of all the crops satisfactory. Prices rose still further during the year owing to the continuance of famine elsewhere and were from 46 to 223 per cent. over the average of the ten previous years. Public health was bad and cholera carried off nearly four times as many victims as it did the preceding year and was succeeded by fever of a severe and fatal type which carried off over 10,000 victims; and though small-pox was less virulent, dysentery and bowel-complaints were prevalent to an unusual extent. Cattle were free from epidemic disease.
1288	Rainfall seasonable and copious and outturn of crops generally satisfactory. There was a fall in the prices of all food-grains, but they were still 32 to 100 per cent. above the average of the ten previous years. Public health was exceptionally bad. Fever, which had caused such unusual mortality in the previous year, continued to prevail to a still

CHAP. IV.
SEASONS.

Fasli.	Nature of the season.
	greater extent throughout the district, and, notwithstanding a considerable decrease in the mortality from other causes, swelled the death-rate to a higher figure than that recorded in any year since the introduction of registration of deaths. The condition of cattle too was bad, foot-and-mouth disease and rinderpest having prevailed largely in various parts of the district.
1289	Rainfall, on the whole, abundant and well distributed; outturn of crops satisfactory, that of garden plantations even exceeding the yield of the previous year. There was a further fall in the prices of food-grains and a marked improvement took place in the public health. But the condition of cattle was unusually bad, the losses from disease, which in many cases was communicated by pack-bullocks from above the ghâts, and from the ravages of wild animals being double those of the previous year.
1290	Rainfall deficient. The first rice crop suffered from want of rain and the second from insects. Public health was good and there was a decrease in the mortality among cattle. There was a fall in prices due to unusual depression in the export trade combined with a somewhat larger importation of food-grains.
1291	Season not unsatisfactory; outturn not below average. Prices fell again owing to the depressed condition of the export trade due to the competition of Bengal rice in many of the markets formerly supplied from Canara, and were 46 to 107 per cent. below the average of the ten previous years. Public health was, on the whole, good, though cholera made its appearance in November and there was small-pox in several parts. The mortality among cattle from disease was only one-half of that in the previous year.
1292	The rains were unusually heavy in June and July causing heavy freshes in all the rivers and considerable injury to the first rice crop in their vicinity. The fall of the subsequent months was, however, moderate and the outturn of the year quite up to average. There was a considerable rise in the price of all grains except first sort rice, notwithstanding diminished exports; this is attributable to the disastrous floods of the early part of the year which was followed up by a sudden demand for grain on the railway works in Goa.
1293	Rainfall sufficient and, on the whole, timely and general. Floods in June and July again injured the first rice crop in the vicinity of rivers and the second crop was damaged seriously by insects in several parts of the district, yet the crops were, on the whole, good and quite up to average. Public health not bad. Health of cattle generally satisfactory.
1294	Rainfall deficient and much below the average of previous years; but the season was, on the whole, not unfavourable and the yield of all the crops was more than fairly good. There was a slight rise in prices in consequence of an increased demand. Fever continued throughout the year and small-pox was more than usually prevalent. Cattle were generally healthy, but the loss from the ravages of wild beasts was large.
1295	Rains seasonable and sufficient and outturn average. Prices below average. A slight increase in the total mortality, notwithstanding considerably diminished mortality from small-pox and fever. Condition of cattle not satisfactory owing to the prevalence of foot-and-mouth disease and rinderpest.
1296	Rainfall below average, but seasonable, and outturn average. Prices were lower than in the previous year. There was an improvement in the public health, but the condition of cattle was bad.

CHAP. IV.
SEASONS.

Fasli.	Name of the season.
1297	Rains seasonable and sufficient and outturn average. There was a further fall in prices. Public health underwent a change for the worse, and the condition of cattle was unusually bad, the mortality among cattle from disease being four times what it was in the previous fasli.
1298	The total rainfall was about the same as in the previous year, but the later rains of the monsoon were so scanty as to interfere with the cultivation of the second crop. There was a rise in prices. Public health satisfactory. Cattle continued to suffer.
1299	Rainfall above average and timely, and the season very propitious. Prices, however, rose slightly elsewhere. Public health satisfactory and condition of cattle good.
1300	The rainfall was both scanty and badly distributed and the season was the worst experienced for many years. The rice crop failed more or less completely in the uplands and gave a poor outturn elsewhere. The second crop suffered equally; there was, however, no rise in prices, as the worst effects of the bad season were not felt till the next fasli. Public health bad; condition of cattle good.
1301	Rainfall less than that of the previous fasli, but much more timely. The second rice crop was a failure, but the outturn of the first and the third was good. A rise in the prices of all food grains. Public health and condition of cattle good.

The above record contains a gloomy view of the past, but allowance must be made for the influence upon the views of the district officers of failures restricted to comparatively small areas. Landowners and farmers seldom admit that a season is entirely satisfactory; they set up a standard of absolute perfection, and it is no wonder that judged by this standard every season leaves something to be desired. South Canara, however, is an exceptionally favoured district, and famine is almost unknown. The rains during the south-west monsoon are so plentiful that there is hardly any necessity for storing water for cultivation as in other districts of the presidency. In fact, rice, which forms the staple food-grain of the district, is raised by means of rain alone and without the aid of any artificial irrigation. Prices of food-grains have fluctuated a good deal and have sometimes been very high, but the district does not appear to have suffered from any severe scarcity. In 1812 relief works were opened, but the distress was due to the abnormal export which raised prices. There have subsequently been a series of famines in other districts, but none of them actually extended to South Canara, though they tended to raise the prices of food-grains in that district.

PRICES.

The annexed statistics of prices have been compiled in the office of the Board of Revenue. They show the course of prices since 1874-75 of rice, ragi and paddy. The average price of these for the whole district is given for each month of each year, and the mean annual price is given for each recording station.

*Average Prices of Food-grains in the South Canara District,
in seers of 80 tolas per rupee.*

CHAP. IV.
PRICES.

Years.	July.	August.	September.	October.	November.	December.	January.	February.	March.	April.	May.	June.	Annual average.
<i>Rice, Second sort.</i> { Standard average 14.8. Warning rate 11.8. Scarcity rate 8.9.													
1874-75	13.5	14.1	13.7	13.6	13.4	13.8	14.1	14.6	15.4	15.2	14.9	13.8	13.9
1875-76	13.7	13.8	13.8	14.0	14.5	14.8	14.7	14.3	13.8	13.0	12.5	12.4	13.8
1876-77	12.5	12.4	12.7	12.5	10.7	10.6	9.3	9.5	10.1	10.7	9.9	8.6	10.8
1877-78	8.3	7.7	7.7	8.5	9.0	10.8	11.7	11.1	9.9	9.4	9.4	9.6	9.5
1878-79	9.8	10.0	10.5	10.8	10.2	10.0	10.2	10.4	10.5	10.8	10.9	10.9	10.4
1879-80	10.9	11.0	11.2	11.2	11.4	11.7	12.8	12.9	13.0	12.9	12.3	11.9	12.0
1880-81	12.1	12.0	12.4	12.6	13.3	13.7	14.8	16.2	16.7	16.9	16.5	16.7	14.4
1881-82	17.0	16.2	16.4	17.0	15.7	15.5	16.5	16.8	17.3	17.7	16.9	15.7	16.4
1882-83	15.3	13.9	13.4	12.6	13.0	14.7	16.7	17.0	16.6	14.8	14.1	13.8	14.7
1883-84	13.6	13.4	13.9	15.0	14.9	15.9	15.4	14.0	13.9	13.7	13.9	13.7	14.3
1884-85	13.4	13.5	14.0	14.8	14.8	14.6	14.3	14.4	14.4	14.3	14.0	13.0	14.5
1885-86	13.6	13.6	13.5	13.3	13.3	13.8	14.8	14.8	15.1	15.1	15.1	14.7	14.5
1886-87	14.5	14.5	14.9	15.1	15.2	15.4	15.4	15.7	15.8	15.8	16.0	15.5	15.3
1887-88	15.3	15.5	15.4	15.4	15.2	15.3	15.7	15.5	15.7	15.8	15.8	15.6	15.5
1888-89	15.4	15.2	15.1	14.7	14.2	14.7	14.8	14.3	14.2	13.8	12.9	12.7	14.3
1889-90	12.1	12.0	11.2	11.3	13.1	14.1	13.7	14.0	14.1	14.1	13.9	13.8	13.1
Average for 10 years ending June 1890.	14.2	14.0	14.0	14.2	14.3	14.7	15.2	15.3	15.4	15.2	14.9	14.5	14.7
1890-91	13.7	13.6	13.5	13.7	13.6	13.6	13.7	13.7	13.7	13.4	13.1	12.0	13.5
1891-92	11.4	11.3	11.0	10.8	11.8	12.9	12.6	12.2	11.9	11.9	11.9	11.9	11.8
1892-93	12.0	12.1	12.1	11.9	12.1	12.2	12.2	12.3	12.3	12.3	12.3	12.1	12.2

Years.	July.	August.	September.	October.	November.	December.	January.	February.	March.	April.	May.	June.	Annual average.
<i>Ragi.</i>													
1874-75	20.1	20.6	20.6	21.0	22.8	23.2	24.2	23.4	22.8	22.4	21.2	20.9	21.9
1875-76	19.7	19.6	19.7	20.4	20.4	19.8	18.9	18.5	18.5	17.4	17.7	17.5	19.0
1876-77	16.0	16.0	15.0	16.5	12.7	11.5	10.6	10.7	10.9	10.9	11.0	9.8	13.2
1877-78	9.6	9.2	9.2	10.0	11.7	12.4	12.1	11.6	10.7	10.4	10.4	10.5	10.8
1878-79	10.4	10.8	10.9	11.3	12.6	12.1	10.8	12.1	12.9	13.7	14.3	14.1	12.4
1879-80	13.3	13.2	13.2	13.8	14.9	14.9	15.8	16.2	16.1	15.4	15.1	14.8	14.7
1880-81	14.3	14.3	14.2	14.1	16.6	19.5	21.2	21.4	20.1	21.7	22.0	21.7	18.5
1881-82	21.5	21.4	20.9	21.3	20.8	21.2	22.5	21.3	21.0	20.3	20.5	19.7	21.0
1882-83	18.7	17.6	17.8	17.5	19.1	20.2	21.3	21.2	20.4	19.6	18.4	18.4	19.2
1883-84	18.4	17.5	17.0	18.0	19.6	21.7	22.5	20.7	20.2	20.0	19.6	19.6	19.6
1884-85	19.3	19.2	19.2	20.3	20.8	20.9	20.6	20.3	19.6	19.2	18.9	18.9	20.4
1885-86	18.7	18.5	18.4	18.4	19.7	20.9	21.1	20.5	19.9	20.2	20.4	19.3	20.0
1886-87	19.0	18.8	18.8	19.9	21.0	22.3	22.9	22.7	22.6	22.4	23.0	22.6	21.3
1887-88	23.0	24.2	24.3	24.2	24.4	25.0	24.8	24.0	23.6	23.9	23.4	23.1	24.0
1888-89	23.5	23.5	23.2	22.9	23.0	22.8	23.2	23.4	23.0	22.2	21.7	21.3	22.8
1889-90	21.2	20.3	18.7	18.0	20.1	23.6	22.9	22.7	22.4	22.4	22.2	22.0	21.4
Average for 10 years ending June 1890.	19.8	19.5	19.3	19.5	20.5	21.8	22.3	21.8	21.3	21.2	21.0	20.7	20.8
1890-91	21.9	21.2	21.1	21.8	21.9	21.8	20.8	20.5	19.5	19.3	19.6	19.0	20.7
1891-92	18.6	18.2	18.1	18.0	18.3	17.3	15.4	15.0	15.2	15.2	15.2	15.4	16.7
1892-93	15.4	15.6	15.8	16.8	18.8	19.1	18.7	18.1	18.0	18.0	17.9	17.6	17.5

CHAP. IV.
PRICES.*Average Prices of Food-grains in the South Canara District,
in seers of 80 tolas per rupee.*

Years.	July.	August.	September.	October.	November.	December.	January.	February.	March.	April.	May.	June.	Annual average.
<i>Paddy, First sort.</i>													
1874-75	23.0	23.0	22.3	25.1	23.2	23.8	25.6	26.9	27.5	26.4	25.8	23.6	23.9
1875-76	22.0	22.7	23.2	23.4	25.2	25.1	24.9	23.2	22.0	21.0	20.9	21.1	22.9
1876-77	21.1	21.4	21.7	21.6	16.7	17.7	15.2	15.2	14.7	15.9	15.0	13.6	17.2
1877-78	13.6	13.0	12.8	13.9	16.8	18.2	19.0	18.1	16.1	15.6	15.3	15.5	15.8
1878-79	14.3	14.2	14.2	16.0	16.4	16.4	15.3	15.8	15.3	15.5	15.7	16.1	15.4
1879-80	16.2	16.2	16.2	16.1	17.8	19.0	19.1	19.0	19.8	19.8	19.4	19.3	18.2
1880-81	19.4	19.3	19.0	19.3	19.4	19.7	20.5	21.0	21.2	22.3	21.6	21.5	20.3
1881-82	21.3	21.1	21.0	20.9	22.8	24.5	26.0	26.0	26.0	26.0	26.0	25.3	24.4
1882-83	25.9	23.8	24.5	24.0	23.7	25.4	29.0	29.1	27.0	23.2	21.9	21.9	25.0
1883-84	25.9	21.8	21.6	22.3	24.9	23.3	23.6	21.3	20.4	20.4	21.2	20.1	22.1
1884-85	20.2	20.1	19.8	20.1	21.1	21.1	20.7	20.6	20.6	20.6	20.6	20.6	21.2
1885-86	19.4	19.4	20.1	18.5	20.2	20.6	23.1	21.5	21.8	21.0	21.0	20.3	21.2
1886-87	20.3	20.3	20.5	20.5	21.6	22.1	22.6	22.5	22.8	22.5	22.0	21.2	21.6
1887-88	20.8	20.7	20.8	21.1	21.5	21.8	22.4	22.1	22.1	22.1	22.1	21.7	21.6
1888-89	21.7	21.7	21.4	21.8	21.5	21.4	21.5	21.4	21.2	20.4	19.5	18.8	21.0
1889-90	18.7	18.3	17.7	18.9	20.5	21.4	20.5	20.7	21.0	20.6	21.0	19.4	20.0
1890-91	18.8	18.8	18.5	20.0	20.4	20.9	20.3	20.3	20.4	20.0	19.8	16.7	19.7
1891-92	16.0	15.4	15.6	17.4	18.6	20.0	18.4	18.1	17.4	17.4	17.4	16.3	17.4
1892-93	16.4	16.6	16.6	17.4	17.9	18.2	17.9	17.6	17.6	17.9	18.1	17.3	17.5
<i>Paddy, Second sort.</i>													
1874-75	23.6	23.4	23.0	24.3	25.8	24.4	25.6	26.2	26.3	26.5	25.4	24.3	24.9
1875-76	23.8	24.1	24.4	25.2	26.5	26.8	26.2	24.8	23.9	22.5	22.1	22.2	24.4
1876-77	22.2	22.5	22.4	22.8	19.8	20.6	16.4	16.0	16.7	18.0	17.8	14.7	19.1
1877-78	14.7	14.1	14.4	15.9	19.0	20.4	20.4	19.8	17.5	16.8	16.8	17.9	17.4
1878-79	16.9	16.7	17.6	19.9	19.1	19.1	18.2	18.4	18.0	18.1	19.2	18.5	18.3
1879-80	18.5	18.5	18.4	18.8	19.7	20.5	20.9	21.9	21.1	21.1	20.7	20.6	20.1
1880-81	20.8	20.4	21.1	21.5	22.2	22.3	23.5	23.9	25.1	26.9	26.8	26.6	23.4
1881-82	26.7	26.4	26.7	27.0	27.6	27.7	28.3	29.0	30.2	29.5	29.5	27.6	27.9
1882-83	26.0	24.0	22.5	23.7	24.2	25.4	26.3	28.0	26.4	24.0	23.5	22.9	24.8
1883-84	22.8	23.1	24.1	25.2	25.5	25.1	25.4	23.7	22.9	22.6	22.7	21.7	23.8
1884-85	21.0	21.1	21.1	22.9	24.0	23.6	23.0	23.1	23.0	21.3	22.2	21.8	23.1
1885-86	20.8	20.9	21.0	21.3	22.4	22.8	...	23.5	23.3	22.9	23.3	22.6	22.6
1886-87	22.6	22.6	22.8	23.0	23.5	24.8	24.3	24.6	24.1	24.0	23.9	23.1	23.6
1887-88	22.9	23.0	23.2	22.8	23.9	23.9	24.0	23.7	24.0	24.3	24.0	22.9	23.6
1888-89	22.8	22.7	22.4	23.6	23.3	23.2	23.3	23.2	22.9	21.8	21.4	19.7	22.6
1889-90	19.1	18.5	18.4	20.2	21.8	22.9	22.3	22.4	22.6	21.9	22.2	21.1	21.2
1890-91	20.3	20.1	19.8	21.4	21.7	21.6	21.1	21.1	21.2	21.0	20.8	18.0	20.7
1891-92	17.6	16.6	16.4	19.2	20.5	21.0	19.6	19.3	18.6	18.2	18.2	17.2	18.6
1892-93	17.3	17.4	17.7	18.9	19.1	19.4	19.4	19.4	18.9	18.8	18.7	17.9	18.6

Average Annual Prices of Food-grains at each Station in the South Canara District, in seers of 80 tolas per rupee.

CHAP. IV.
PRICES.

Fasli Years.	Coondapoor.	Udipi.	Karkal.	Beltangadi.	Bantval.	Puttur.	Mangalore.	Kasaragod.	Hosdrug.	District average.
<i>Rice, Second sort</i>										
(Standard average 14.8. Warning rate 11.8. Scarcity rate 8.9.)										
1874-75 ...	14.5	15.0	14.7	14.6	13.9	13.8	13.6	...	11.2	13.9
1875-76 ...	14.2	14.4	14.8	14.6	13.7	14.0	13.5	...	11.2	13.8
1876-77 ...	11.8	11.2	11.9	10.5	10.3	10.2	10.1	10.3	9.9	10.8
1877-78 ...	9.8	9.6	9.7	9.4	9.4	9.2	9.0	...	...	9.5
1878-79 ...	10.5	10.4	10.9	10.9	10.2	10.5	9.7	...	...	10.4
1879-80 ...	11.3	12.1	12.7	12.9	11.7	12.3	11.1	...	8.8	12.0
1880-81 ...	13.8	14.9	15.4	15.7	14.2	14.6	13.5	...	8.8	14.4
1881-82 ...	15.8	16.6	18.0	17.7	15.6	16.6	14.7	...	...	16.4
1882-83 ...	15.4	14.8	16.1	15.5	14.2	14.5	12.6	...	11.8	14.7
1883-84 ...	14.3	14.2	14.7	14.9	14.3	14.3	13.3	...	...	14.3
1884-85 ...	14.8	14.7	15.3	14.8	14.2	14.1	13.7	...	...	14.5
1885-86 ...	15.4	14.9	14.9	14.8	14.2	14.3	13.8	13.8	12.8	14.5
1886-87 ...	16.1	15.2	15.8	16.3	15.7	15.9	15.6	13.9	13.5	15.3
1887-88 ...	15.9	16.0	16.0	16.4	16.1	16.1	15.6	14.0	13.5	15.5
1888-89 ...	15.4	14.4	14.9	15.5	14.7	14.9	14.2	13.0	12.0	14.3
1889-90 ...	13.4	14.5	13.8	13.8	12.8	13.6	12.6	12.5	11.1	13.1
1890-91 ...	14.7	15.5	14.1	13.9	13.2	13.8	13.0	11.7	11.2	13.5
1891-92 ...	12.5	12.8	12.0	12.0	11.6	12.0	11.4	11.3	10.5	11.8
1892-93 ...	13.2	13.8	12.6	12.0	11.7	12.6	11.7	11.4	10.6	12.2

Fasli Years.	Coondapoor.	Udipi.	Karkal.	Beltangadi.	Bantval.	Puttur.	Mangalore.	Kasaragod.	Hosdrug.	District average.
<i>Ragi.</i>										
1874-75 ...	22.4	18.1	20.6	21.2	22.4	24.8	23.6	20.5	23.3	21.9
1875-76 ...	18.5	16.3	16.9	17.8	17.6	21.2	19.7	19.3	24.0	19.0
1876-77 ...	13.7	11.8	12.5	13.5	12.0	21.1	13.2	13.2	...	13.2
1877-78 ...	8.5	10.2	10.7	...	10.1	...	11.2	11.7	15.7	10.8
1878-79 ...	11.3	12.6	12.0	...	12.5	14.1	12.9	12.7	...	12.4
1879-80 ...	15.1	15.5	16.0	13.5	14.7	14.9	15.1	13.8	12.2	14.7
1880-81 ...	20.7	22.1	19.4	16.0	17.2	17.0	17.6	16.9	19.2	18.5
1881-82 ...	21.4	21.0	21.4	17.1	20.8	20.7	21.0	21.0	24.5	21.0
1882-83 ...	21.6	17.8	18.8	16.2	19.2	18.2	19.3	20.3	21.8	19.2
1883-84 ...	19.1	17.3	19.0	18.3	20.9	20.0	21.1	19.1	21.4	19.6
1884-85 ...	19.5	18.3	20.9	18.2	21.4	21.1	21.7	20.3	22.5	20.4
1885-86 ...	20.8	17.2	19.3	18.1	21.3	19.6	19.7	20.6	23.5	20.0
1886-87 ...	23.3	19.4	23.2	19.1	21.2	21.9	20.9	19.3	23.8	21.3
1887-88 ...	24.7	21.8	25.4	21.8	25.9	24.0	23.9	23.3	25.1	24.0
1888-89 ...	24.7	21.4	24.4	21.8	23.2	21.8	22.3	22.2	23.3	22.8
1889-90 ...	21.9	19.4	21.3	20.7	22.7	21.6	21.5	20.7	22.8	21.4
1890-91 ...	21.3	19.8	20.6	20.1	20.9	21.3	20.4	19.8	22.0	20.7
1891-92 ...	16.9	16.1	16.4	15.7	16.7	17.1	16.9	17.0	17.5	16.7
1892-93 ...	17.2	15.7	17.5	15.7	18.5	19.3	18.3	17.3	17.9	17.5

CHAP. IV.
PRICES.*Average Annual Prices of Food-grains at each Station in the South
Canara District, in seers of 80 tolas per rupee.*

Fasli Years.	Coondapoor.	Udipi.	Kárkál.	Beltangadi.	Bantvál.	Uppinangadi.	Mangalore.	Kásaragód.	Hosdrúg.	District average.
<i>Paddy, First sort.</i>										
1874-75 ...	25.1	25.7	22.2	25.8	21.0	...	...	...	...	23.9
1875-76 ...	22.3	23.0	20.2	27.2	21.8	...	...	...	...	22.9
1876-77 ...	19.7	18.4	13.8	18.7	15.5	...	...	...	...	17.2
1877-78 ...	19.4	16.4	11.5	18.5	14.7	...	...	...	...	15.8
1878-79 ...	15.1	18.6	11.9	19.9	11.5	...	...	...	13.9	15.4
1879-80 ...	...	20.0	15.1	24.5	13.0	...	...	...	...	18.2
1880-81 ...	...	23.0	16.6	26.6	15.4	...	...	...	...	20.3
1881-82 ...	...	27.7	24.8	28.3	17.3	...	...	...	...	24.4
1882-83 ...	...	25.1	23.9	26.4	...	...	...	...	19.8	25.0
1883-84 ...	...	23.6	19.7	23.5	...	...	...	...	...	22.1
1884-85 ...	...	23.7	18.1	22.6	...	...	...	...	...	21.2
1885-86 ...	...	23.8	19.8	22.0	23.7	20.8	20.9	18.6	21.5	21.2
1886-87 ...	...	23.7	21.5	22.8	...	21.9	21.6	19.3	...	21.6
1887-88 ...	...	23.7	22.0	23.0	...	20.4	20.4	20.0	...	21.6
1888-89 ...	...	23.7	20.5	22.0	...	...	19.8	20.1	...	21.0
1889-90 ...	...	23.7	18.8	20.1	...	...	18.7	...	...	20.0
1890-91 ...	...	23.7	19.3	19.1	...	...	18.0	...	...	19.7
1891-92 ...	...	21.5	16.6	16.8	...	...	16.3	...	...	17.4
1892-93 ...	...	20.4	17.3	16.8	...	...	16.6	...	...	17.5
Fasli Years.	Coondapoor.	Udipi.	Kárkál.	Beltangadi.	Bantvál.	Uppinangadi.	Mangalore.	Kásaragód.	Hosdrúg.	District average.
<i>Paddy, Second sort.</i>										
1874-75 ...	26.7	29.7	23.5	33.1	24.7	23.0	23.3	20.6	19.2	24.9
1875-76 ...	24.5	27.6	21.7	35.0	25.8	23.0	22.3	20.1	19.6	24.4
1876-77 ...	22.3	22.2	17.5	22.8	18.4	19.0	16.6	16.4	16.5	19.1
1877-78 ...	23.0	19.3	14.3	22.4	17.3	15.9	15.7	15.0	15.6	17.4
1878-79 ...	20.2	22.8	16.1	23.3	17.3	19.5	17.3	14.9	14.9	18.3
1879-80 ...	...	25.4	18.7	27.4	17.3	23.0	18.1	15.8	14.8	20.1
1880-81 ...	...	28.4	22.6	30.6	20.1	26.5	21.7	20.0	17.9	23.4
1881-82 ...	...	34.4	30.6	34.8	24.2	33.6	23.0	22.3	21.9	27.9
1882-83 ...	...	30.7	28.0	29.7	23.0	25.7	23.2	19.7	19.8	24.8
1883-84 ...	...	28.4	22.6	25.9	25.3	26.8	23.5	20.3	19.4	23.8
1884-85 ...	...	29.5	22.5	25.3	23.7	23.9	22.8	20.1	19.9	23.1
1885-86 ...	...	27.4	22.3	23.4	23.7	23.7	22.5	19.5	20.7	22.6
1886-87 ...	...	28.5	23.3	24.3	23.7	24.5	24.5	20.5	22.0	23.6
1887-88 ...	...	28.5	23.5	24.4	23.7	23.7	23.7	21.5	21.6	23.6
1888-89 ...	...	28.5	22.0	23.8	22.9	...	22.9	20.1	19.7	22.6
1889-90 ...	...	28.5	20.3	21.4	21.6	...	21.6	18.6	18.9	21.2
1890-91 ...	...	28.5	20.8	20.6	20.8	...	20.7	17.6	18.8	20.7
1891-92 ...	...	25.3	17.8	17.8	18.0	...	18.4	17.0	18.2	18.6
1892-93 ...	...	23.7	18.6	17.8	17.8	...	17.8	18.6	17.9	18.6