

on the Tungabhadra, is a fine and well built Vīrasaiva *matha*, with simple but good ornamentation.

The extensive fortifications of the upper fort of Chitaldrug are good specimens of the military buildings of the latter part of the 18th century, erected in the time of Haidar Ali and Tipu Sultān with the assistance probably of French Engineers. They contain immense granaries and pits for storing oil and ghee. Also, a number of temples of much older date. The *mahal* or palace erected by Tipu Sultān in the inner fort below is used as a *cutcherry*. The quadruple mill in the arsenal was probably intended for preparing gunpowder.

At the beginning of the flight of steps leading to Jatingarāmēsvara hill, in Chitaldrug District, is a Ganēsa temple, which is noteworthy for its Ganēsa, which has only two hands which is considered to be a speciality. According to text-writers, an image of Ganēsa may have four, six, eight, ten or sixteen arms. In the majority of cases, however, the image has only four arms, one with two arms being a rarity. (*Vide* T. A. Gopinatha Rao, *E.H.I.* I. 35).

SECTION III.—ECONOMIC.

GENERAL AGRICULTURAL CONDITIONS.

A description of the soil of the District has been given Soils. in Section I *Descriptive*. In some taluks, especially in the Challakere taluk, the soil is very inferior and so the lands lose their fertility after they yield crop for a year or two. The raiyats therefore relinquish the lands after a year or two and apply for fresh ones. The number of *Darkhasts* for lands and their relinquishments are consequently very large in this Taluk.

CHIEF AGRICULTURAL STATISTICS.

Net area
cropped.

The following table gives particulars of the area available for cultivation in the District and the net area cropped, during the years 1920-21 to 1924-25:—

Year			Area of the District	Area available for cultivation	Cultivable waste not in occupancy
1			2	3	4
1920-21	..	..	26,21,480	15,88,383	93,812
1921-22	..	..	26,21,513	15,86,160	96,209
1922-23	..	..	26,21,472	15,85,824	97,781
1923-24	..	..	26,21,472	15,84,781	97,287
1924-25	..	..	26,21,474	15,97,660	97,296

Year			Cultivable area under occupancy	Current fallows	Net area cropped
			5	6	7
1920-21	..	..	14,90,326	4,32,599	10,57,727
1921-22	..	..	14,89,851	4,50,958	10,38,893
1922-23	..	..	14,88,043	4,37,569	10,50,474
1923-24	..	..	14,87,494	4,77,205	10,10,289
1924-25	..	..	15,00,364	3,55,872	11,44,492

Area of crops
raised.

Area of different crops that were raised during the years 1920-21 to 1924-25 is given in the following table:—

Year	Food grains and pulses	Oil seeds	Condi-ments and spices	Sugar	Fibre
1	2	3	4	5	6
1920-21	8,84,892	72,271	17,018	1,445	89,479
1921-22	8,99,714	83,583	16,305	1,542	46,526
1922-23	9,06,656	76,117	15,751	2,243	68,872
1923-24	8,15,857	97,653	18,470	1,178	69,922
1924-25	9,06,495	1,17,488	18,963	869	92,677

Statement showing the area of different crops that were raised during the years 1920-21 to 1924-25, etc.—*concl'd.*

Year	Dyes and Narcotics	Fodder crops	Fruits and vegetables	Miscellaneous	Total
	7	8	9	10	11
1920-21 ..	3763	28	1,008	6,461	10,76,365
1921-22 ..	4815	62	6,095	3,439	10,62,081
1922-23 ..	4450	69	5,749	3,486	10,83,393
1923-24 ..	4585	20	3,734	3,568	10,17,416
1924-25 ..	5218	2,164	3,418	4,205	11,54,392

A table showing the number and extent of different holdings under cultivation in the District during the years 1920-21 to 1924-25 is given below:—

Year	Holdings not exceeding one acre in extent		Holdings exceeding one acre but not exceeding five acres		Holdings exceeding five acres but not exceeding ten acres			
	No.	Extent	No.	Extent	No.	Extent	No.	Extent
1	2	3	4	5	6	7		
1920-21 ..	1,244	1,247	12,913	46,833	19,059	1,54,103		
1921-22 ..	1,247	1,247	12,888	18,802	1,51,376	1,51,376		
1922-23 ..	1,287	1,315	12,964	18,802	18,860	1,53,451		
1923-24 ..	1,213	1,122	12,973	47,835	19,125	1,55,994		
1924-25 ..	1,178	1,105	13,210	53,480	19,068	1,37,089		
Year	Holdings exceeding 10 acres but not exceeding 50 acres		Holdings exceeding 50 acres but not exceeding 100 acres		Above 100 acres but not exceeding 500 acres		Above 500 acres	
	No.	Extent	No.	Extent	No.	Extent	No.	Extent
	8	9	10	11	12	13	14	15
1920-21	32,172	7,72,001	4,863	3,52,595	966	1,54,937	11	8,584
1921-22	32,207	7,74,064	4,769	3,52,563	958	1,55,194	11	8,584
1922-23	32,069	7,72,225	4,744	3,51,449	938	1,53,710	11	8,584
1923-24	32,212	7,72,186	4,731	3,50,094	923	1,54,108	8	6,615
1924-25	32,111	7,62,024	4,715	3,46,800	905	1,93,716	6	6,150

Holders.

A statement showing the number of holders classified according to the amount of revenue paid during 1920-21, to 1924-25 is given below :—

Year	Holders paying assessment or jodi of Rs. 5 and below		Holders paying Rs. 5 but not exceeding Rs. 25	
	No.	Amount paid	No.	Amount paid
1	2	3	4	5
1920-21	18,843	58,640	40,584	3,81,462
1921-22	18,838	58,802	40,552	3,73,247
1922-23	18,847	58,861	40,429	3,71,272
1923-24	18,860	58,913	40,567	3,71,803
1924-25	18,231	56,316	41,439	3,78,525

Year	Holders paying Rs. 25 but not exceeding Rs. 100		Holders paying Rs. 100 but not exceeding Rs. 500		Holders paying above Rs. 500	
	No.	Amount paid	No.	Amount paid	No.	Amount paid
	6	7	8	9	10	11
1920-21 ..	11,225	3,65,791	567	79,458	9	6,202
1921-22 ..	10,975	3,64,521	506	82,408	11	6,583
1922-23 ..	11,027	3,64,778	497	82,214	10	5,855
1923-24 ..	10,951	10,40,790	493	86,517	4	2,480
1924-25 ..	11,028	3,63,440	491	87,398	4	2,482

AGRICULTURAL LOANS.

The following is a statement showing the different kinds of loans sanctioned and the amounts actually advanced during the years 1920-21 to 1924-25 :—

Agricultural loans.

Year	Takavi		Land Improvement		Irrigation Wells		Remarks
	Amount sanctioned	Amount disbursed	Amount sanctioned	Amount disbursed	Amount sanctioned	Amount disbursed	
1920-21	7,220	7,075	4,325	4,325	2,050	2,050	
1921-22	9,900	10,000	4,775	5,150	..	..	Included under Land improvement.
1922-23	5,875	5,875	3,900	3,400	..	..	..
1923-24	3,575	3,575	3,125	2,325	9,345	7,800	
1924-25	400	500	100	200	400	325	A sum of Rs. 6,950 was disbursed for flood relief.

IRRIGATION.

There are 169 major and 180 minor tanks in the District, Tanks. of which 152 major and 107 minor tanks are restored. There are no private enterprise tanks in the District.

The following table shows the distribution of major and minor tanks according to taluks :—

Taluk	Number of Major tanks			Number of Minor tanks		
	Restored	Un-restored	Total	Restored	Un-restored	Total
1. Chitaldrug	22	..	22	14	7	21
2. Challakere	49	8	57	10	5	15
3. Hiriyyur	20	2	22	15	10	25
4. Molakalmuru	10	..	10	7	2	9
5. Davangere	13	1	14	15	10	25
6. Holalkere	14	..	14	11	26	37
7. Jagalur	5	..	5	18	1	19
8. Hosdurga	17	6	23	13	12	25
9. Harihar	2	..	2	4	..	4
Total	152	17	169	107	73	180

Oil engines.

There are four oil engines installed for lifting water for agricultural purposes, three at Harihar and one at Muttagadur in the Holalkere taluk. Three more engines have been set up during the recent years at Pandarahally and Chikkandanahally in the Chitaldrug taluk and Obalapur in the Challakere taluk.

FORESTS.

Area.

The State Forests cover an area of 358 square miles and plantations, one square mile.

Forest produce.

Kagli, Udi, Dindiga and Karachi are some of the species met with in the forests. Some bamboos and small teak grow on the Jogimatti hills. There are extensive grazing grounds in Challakere, Holalkere, Hosdurga and other parts of the District. Tangadi bark is produced in large quantities. Sandal is also extracted but only in very small quantities.

MINES AND QUARRIES.

See under *Geology*.

ARTS AND MANUFACTURE.

The chief arts and manufactures of the District are :—

Chief Arts
and manu-
factures of
the District.

1. Cotton Ginning and Pressing.
2. Weaving of Kamblies.
3. Weaving cotton.
4. Weaving Silk Fabrics.
5. Others such as shoe-making, manufacture of glass jewels, etc.

The following statement shows the description and number of industrial concerns using power or employing more than ten persons in the District :—

(1) Rice Mills	..	..	..	3
(2) Oil Expellers	..	..	..	1
(3) Disintegrators	..	..	..	2
(4) Decorticators	..	..	..	2
(5) Sugar-cane Plant	..	..	..	1
(6) Flour Mills	..	..	..	2
(7) Pumping Plants	..	..	..	10
(8) Ginning Factories	..	..	..	16
(9) Cotton Presses	..	..	..	8
(10) Workshops	..	..	..	6
(11) Furniture Factory	..	..	..	1
(12) Weaving Factories	..	..	..	2
(13) Printing Machines	..	..	..	1
(14) Boot and Shoe Factories	..	..	..	2
(15) Other Miscellaneous Industries	..	..	..	6
				—
			Total ..	63
				—

Davangere is the only place in the whole of the State where cotton is ginned with the help of the machinery on a large scale. Ginning and Pressing.

Weaving of
Kamblies.

The weaving of kamblies is carried on all over the District but those made at Yemmachatti and Hampapur in the Chitaldrug Taluk, Davangere and a few surrounding villages, Halekal in the Jagalur taluk and Haralahalli and Halivana in the Harihar sub-taluk are very fine and have more than a local reputation.

Weaving of
Cotton cloths.

The weaving of cotton cloths is carried on in all the taluks. The weavers use only hand-looms. Coarse cloths are made by the Ādi-Drāvidas. At Chitaldrug, Hosdurga, Molakalmuru and Harihar, fine articles such as towels, *punches*, bedsheets and sashes are made. Checks are also made in Hosdurga, Chitaldrug and Molakalmuru towns.

Silk weaving.

The weaving of pure silk cloth is mostly confined to Molakalmuru. The weaving industry of Molakalmuru has a Provincial reputation and nearly half the population of the town is engaged in it. The chief articles produced are Vastrams, Women's cloths (Sadies and Kuppasas) and Magatams.

At Hosdurga, Harihar and other places, cloths prepared out of what is locally known as *Vude Reshme* (mercerised cotton) are made. They are not so valuable as those made of pure silk and soon lose colour. Cloths of very good designs are made and are readily sold.

The following is a list of Large Industrial Establishments in the District:—

Name of Establishment	Class or Description of Industry	Average number of persons employed daily	Whether worked by Mechanical Power or Hand Power
<i>Chitaldrug.</i>			
1. Laxminarayana Ginning Factory.	Ginning	40	Mechanical Power.
2. Wests' Patent Ginning and Pressing Factory.	Ginning and Pressing	50	do

List of Large Industrial Establishments in the District.—*concl'd.*

Name of Establishment	Class or Description of Industry	Average number of persons employed daily	Whether worked by Mechanical Power or Hand Power
<i>Chitaldrug—concl'd.</i>			
3. Nooroji's Ginning and Pressing Factory. <i>Davangere.</i>	Ginning and Pressing	50	Mechanical Power.
4. Hassanmia & Co.'s Ginning Factory.	Do	50	do
5. Mr. H. Subba Rao's Ginning Factory.	Do	40	do
6. Raghunatha Ginning Factory.	Do	25	do
7. Basavannappa's Ginning Factory.	Do	25	do
8. Mahalakshmi Ginning Factory of Messrs. Brahmappa Thavanappanavar.	Do	60	do
9. Hiralal Mohanlal's Ginning Factory.	Do	25	do
10. Balappa Bondaday's Ginning Factory.	Do	25	do
11. R. Hanumantha and Shadaksharappa's Ginning and Pressing Factory.	Do	60	do
12. Tadapatri Cotton Press.	Pressing	40	do
13. Gamodia Press	Do	60	do
14. Swadeshi Mills Ginning Factory.	Ginning	40	do
15. Herjibhoy's Ginning Factory.	Do	40	do
16. B. S. Athni & Co.'s Ginning Factory.	Do	40	do
17. Messrs. Brahmappa Thavanappanavar's Oil Mills.	Oil Extraction ..	30	do

Small industries which are practised in almost all the villages are carpentry, iron-smithy, pottery, shoe-making. Manufacture of glass bangles is carried on at Molakalmuru. Rural industries.

The chief centre of trade in the District is Davangere where a large volume of business is carried on in cotton, oil-seeds, wool, piece-goods, grain, etc. Next in importance is the town Commerce and trade.

of Chitaldrug where trade is almost confined to grain, cotton and piece-goods.

Imports and Exports.

The chief articles that are exported from the District are :—Ragi, Jolam, Cotton, Oil-seeds, Sugar and the principal articles imported are Rice, Sugar and Jaggery.

EXPORTS AND IMPORTS.

The following is a return of Exports and Imports carried by Railway expressed in Railway Maunds :—

Stations	Ragi		Paddy	
	Export	Import	Export	Import
1	2	3	4	5
<i>Chitaldrug District.</i>	Mds. Srs.	Mds.	Mds.	Mds.
Hosdurga ..	30 15	..	..	..
Ramagiri ..	15,547 0	..	..	..
Holalkere ..	44,752 0	..	..	..
Chikjajur ..	18,036 0	..	..	..
Sasalu ..	45,486 0	..	..	..
Mayakonda ..	31,652 0	47	4	8
Kodaganur ..	30,800 0	41	8	6
Tolahunse ..	..	..	..	2
Davangere ..	19,800 0	2,402	..	..
Harihar ..	..	..	..	..
Total ..	384,303 15	2,490	12	16

Stations	Rice		Jolum	
	Export	Import	Export	Import
	6	7	8	9
	Mds.	Mds.	Mds.	Mds.
Hosdurga ..	..	15	227	..
Ramagiri ..	..	150	31,126	..
Holalkere ..	..	..	89,704	..
Chickjajur ..	381	..	30,908	..
Sasalu ..	..	..	6,498	..
Mayakonda ..	..	..	1,888	..
Kodaganur ..	6	11	1,100	..
Tolahunse ..	..	90	52	..
Davangere ..	..	6	..	..
Harihar ..	140	14,635	198,000	1,875
Total ..	527	15,027	383,112	1,875

EXPORTS AND IMPORTS—*concl'd.*

Stations	Cotton		Oil-seeds	
	Export	Import	Export	Import
	10	11	12	13
	Mds.	Mds.	Mds.	Mds. Srs.
Hosdurga ..	..	..	772	13 30
Ramagiri ..	412	..	3,717	..
Holalkere ..	3,400	..	36,06	..
Chickjajur ..	241	..	..	..
Sasalu ..	378	..	..	..
Mayakonda ..	11	..	1,534	..
Kodaganur ..	15	..	1,069	..
Tolahunse ..	..	..	..	..
Davangere ..	2,10,257	23,000	55,504	10,911 0
Harihar ..	..	..	..	..
Total ..	2,14,714	23,000	66,202	10,924 30
Stations	Sugar		Jaggery	
	Export	Import	Export	Import
	14	15	16	17
	Mds.	Mds.	Mds,	Mds. Srs.
Hosdurga ..	..	380	..	56 10
Ramagiri ..	..	..	..	175 0
Holalkere ..	..	25	..	431 0
Chickjajur ..	..	..	..	5 0
Sasalu ..	..	..	..	..
Mayakonda ..	24	296	..	..
Kodaganur ..	..	50	250	..
Tolahunse ..	..	..	45	..
Davangere ..	13,298	27,902	..	..
Harihar ..	..	..	..	1,216 0
Total ..	13,322	28,653	295	1,883 10

Marts.

The largest weekly fairs are the following :—

Place	Taluk	Day	Number of visitors
Davangere ..	Davangere ..	Sunday ..	2,000
Chitaldrug ..	Chitaldrug ..	Monday ..	1,000
Harihar ..	Davangere ..	Tuesday ..	2,000
Jagalur ..	Jagalur ..	Saturday ..	2,000

MEANS OF COMMUNICATION.

Railways.

The Madras and Southern Mahratta Railway from Bangalore to Poona runs through the west of the District, from south to north-west for about 52 miles, not far from the boundary. There are stations at Hosdurga Road, Ramagiri, Holalkere, Chickjajur, Sasalu, Mayakonda, Kodaganur, Tolahunse, Davangere and Harihar.

From Chikjajur station, a Mysore Government branch line has been opened by the Mysore State, connecting it with Chitaldrug town. The total distance is 21 miles. There are two intermediate stations at Amritapur and Haliyur.

Roads.

The State Fund roads in the District have a total length of 220 miles and cost for up-keep Rs. 33,825 yearly. The District Fund roads cover 295½ miles and are maintained at an annual expense of Rs. 30,000. Particulars are given below of the length and cost of each :—

State Fund Roads.

No.	Name of road	Miles	Cost
			Rs.
1	Salem-Bellary Road	89	15,575
2	Bangalore-Dharwar Road <i>via</i> Chitaldrug	74	11,500
3	Chitaldrug-Bhadraṅvathi Road	29	4,350
4	Shimoga-Harihar Road	17	1,700
5	Hiriyur-Vanivilasapura Road	11	1,100
	Total ..	200	33,825

District Fund Roads.

No.	Name of road	Miles	Cost
			Rs.
1	Hiriyur-Huliyar Road	23½	2,350
2	Challakere-Pavagada Road	28	2,100
3	Challakere-Naikanhatti-Jagalur Road	29	2,900
4	Hongal-Royadurga Road	6	750
5	Hongal-Ulvasankanahalli Road	5	375
6	Chitaldrug-Challakere Road	18	3,600
7	Vizapur-Oojani Road	31	3,100
8	Davangere-Hadady Road	15	1,500
9	Davangere-Anaji-Jagalur Road	31	4,650
10	Anaji-Hutchangidurga Road	2	80
11	Harihar-Harapanhalli Road	7	700
12	Anegodu-Kodaganur Railway Feeder .. Road.	5	350
13	Bharmagiri-Hosdurga Road	20½	2,025
14	Road from Vani Vilas Sagara to Bhar- mageri-Hosdurga Road.	3	150
15	Holalkere-Huliyar Road	39	3,060
16	Biderkere-Hosdurga Road	6	600
17	Chennagiri-Malebennur Road	2½	250
18	Sulekere-Solalu Road	5	500
19	Tarikere-Hosdurga Road	10	750
20	Road leading to Ranikere	2	100
21	Kachavar lake Road	7	110
	Total ..	295½	30,000

Europeans travelling in the District find accommodation in the Dak Baunglows built at the stations named below. All have vegetarian and non-vegetarian kitchens attached thereto. The following are the different classes of bungalows, etc., in the District :—

Accommodation for Travellers.

Taluk	Travellers' Bungalows				Rest Houses
	1st class	2nd class	3rd class	Musafir-khanas	
1. Chitaldrug.	Chitaldrug.	..	Bharmasagara.	Chitaldrug Bharmasagara.	Kallahalli
2. Challakere.	..	Challakere.	Vijapura. Tallak ..	Vijapura .. Tallak.	
			Naikana-hatti. Parasurampur.	Challakere. Hirehally.	

List of the different classes of bungalows, etc.—concl'd.

Taluk	Travellers' Bungalows				Rest Houses
	1st class	2nd class	3rd class	Musafir-khanas	
3. Hiri-yur.	Hiriyur	..	Aiman-gala. Yaraballi Javana-gondana-halli.	Hiriyur .. Yelladakere Javana-gondana-halli. Imangala. Marikanve Yaraballi. Holalkere ..	Dharma-pura.
4. Holal-kere.	..	..	Chik-jajur. Holalkere	Archalli-hatti.	Bauja-goudana-halli. Kotgi Sesha chatram Chik-jajur. Anaji.
5. Davan-gere.	Davan-gere.	..	Anagodu	Davangere Kodaganur	
6. Hari-har Sub-Taluk.	Harihar	..	Maleben-nur.	Musafir-khana.	
7. Hos-durga.	..	...	Hos-durga Road near Mallappana-halli. Hos-durga.	Hosdurga Road near Mallappana-halli. Hosdurga. Budihal.	
8. Molka-luru.	..	..	Molka-luru. Hangal. Rampura. Bhangiri Buildings. Bomma-gondana-kere. Jagalur	Molkalmuru Hangal .. Bomma-gondana-kere. Rampura. Devasamu-dra.	Amakundi Tham-mena-halli. Hangal Raya-durga Road.
9. Jaga-lur.	..	..	Jagalur	Jagalur. Bilichodu. Bidarkere. Godima-kunti.	

FAMINES.

There was no famine in any part of the District during the past 40 years. A somewhat severe distress prevailed in it during 1908-09. Relief measures were adopted extensively to alleviate the same.

Chitaldrug
District.

SECTION IV—ADMINISTRATIVE.

DIVISIONS.

The Chitaldrug District is divided into 8 taluks and one sub-taluk. The following statement gives details regarding area, population, number of villages, etc :—

Taluks and
Sub-Taluk.

Taluk	Area in Square miles	No. of Hoblis	Number of villages and towns		Population in 1921	Population per square mile
			Government	Inam		
1. Chitaldrug ..	530.42	4	179	9	98,259	185
2. Challakere ..	796.36	4	188	3	85,556	107
3. Hiriyur ..	635.21	4	152	4	69,960	110
4. Holalkere ..	406.75	4	193	1	61,133	150
5. Davangere ..		4	171	5	76,501	} 206
6. Harihar Sub-Taluk.	556.72	2	84	2	38,418	
7. Molakalmuru	294.00	2	92	5	36,483	124
8. Jagalur ..	372.67	3	170	1	51,445	138
9. Hosdurga ..	567.49	4	226	6	56,424	99

There are two Revenue Sub-Divisions, (1) Chitaldrug Sub-Division, comprising the taluks of Chitaldrug, Challakere

Sub-Divisions.