

in 1117 A.D. by the Hoysala king Vishnuvardhana. The Halebid temples are the Hoysalēsvara (Circa 1141 A.D.) and the Kēdārēsvara (1219 A.D.), which, in Fergusson's words, are unsurpassed for the delicacy of detail in any part of the world. The temples at Arsikere, Koramangala, and Hire-Kadlur must have been fine temples. The Jain *bastis* at Bastihalli, near Halebid, are deserving of notice. The turned and polished pillars in the Pārsvanāth *basti* yield double reflections. This *basti* was erected in 1133 and the Sāntinātha in 1192. The memorial stones to Jain *gurus* are specially interesting. Further information in regard to temples and *bastis* in this District will be found in Volume II, Chapters V and VI, of this work.

SECTION III—ECONOMIC.

GENERAL AGRICULTURAL CONDITIONS.

The soil of the Malnād is a rich red sedimentary with forest loam in jungles. The products of this part are rich in the valleys, Coffee and Cardamoms in forest slopes.

The soils in the plains surrounding the hills are generally of a rich sedimentary character easily worked, affording fine crops of cereal or garden produce.

CHIEF AGRICULTURAL STATISTICS AND PRINCIPAL CROPS.

The following tables furnish essential statistics in regard to the condition of agriculture in the District :—

1. Table of Essential Statistics.

Year	Area of the District	Area available for cultivation	Cultivable waste not in occupancy	Cultivable land under occupancy	Current fallows	Net area cropped
1920-21..	17,01,492	87,85,565	65,256	8,13,299	1,92,517	6,20,782
1921-22..	17,01,498	8,84,323	70,055	8,14,268	1,93,461	6,20,807
1922-23..	17,01,614	8,96,662	66,088	8,30,574	1,99,011	6,31,563
1923-24..	17,01,633	9,11,530	63,488	8,48,042	2,28,954	6,19,128
1924-25..	17,01,905	9,22,548	72,881	8,49,667	2,13,788	6,35,879

2. Statement showing the area of different crops raised during the five years from 1920-21 to 1924-25 under the following heads.

Year	Food grains and pulses.	Oil seeds	Condi-ments and Spices	Sugar	Fibre
1	2	3	4	5	6
1920-21 ..	4,81,716	49,309	3,697	3,247	2,334
1921-22 ..	4,92,838	42,975	39,078	5,211	1,330
1922-23 ..	5,01,597	49,469	37,537	5,825	1,021
1923-24 ..	4,92,971	49,783	39,525	5,622	1,112
1924-25 ..	4,99,617	51,963	25,676	5,089	2,128

Year	Dyes	Drugs and Nar-cotics	Fodder crops	Miscella-aneous	Total area cropped
	7	8	9	10	11
1920-21	30,757	8,201	41,521	6,20,782
1921-22	31,090	5,876	2,409	6,20,807
1922-23	28,966	5,935	1,214	6,31,564
1923-24	27,414	7,826	2,840	6,34,082
1924-25	40,508	7,023	3,902	6,43,499

3. Table showing the number and extent of the different holdings under cultivation in the District during 1920-21 to 1924-25.

Year	Holdings not exceed-ing one acre		Exceeding one acre and not exceeding 5		Exceeding 5 but not exceeding 10		Exceeding 10 but not 50	
	No.	Ext-ent	No.	Extent	No.	Extent	No.	Extent
1	2	3	4	5	6	7	8	9
1920-21	3,174	3,174	1,06,276	2,00,001	36470	2,26,431	16143	2,29,536
1921-22	3,851	3,105	1,06,373	2,01,756	36793	2,26,978	16845	2,56,419
1922-23	3,975	3,566	67,064	2,01,641	36051	2,28,765	15864	2,64,515
1923-24	3,796	3,143	1,07,620	2,06,796	34594	2,33,146	16027	2,65,822
1924-25	3,870	3,211	1,06,327	1,03,992	37785	2,30,852	15936	2,68,533

3. Table showing the number and extent, etc.—concl'd.

Year	Exceeding 50 but not 100		Exceeding 100 but not 500		Above 500 acres		Total	
	No.	Extent	No.	Extent	No.	Extent	No.	Extent
	10	11	12	13	14	15	16	17
1920-21	1,070	65,615	132	23,766	11	12,287	1,64,028	8,01,800
1921-22	1,137	73,945	129	24,081	9	12,766	1,64,534	8,15,689
1922-23	1,217	76,744	131	24,628	10	13,350	1,64,312	8,11,211
1923-24	1,190	79,356	131	18,451	10	13,426	1,65,377	1,25,269
1924-25	1,237	78,886	121	95,778	10	13,555	1,65,286	8,24,807

4. Table giving the number of holders classified according to the revenue paid during 1920-21 to 1924-25.

Year	Holders paying assessment or jodi of Rs. 5 and under		Holders paying assessment or jodi exceeding 5 but not 25		Holders paying assessment or jodi of 25 but not exceeding 100	
	No.	Amount paid	No.	Amount paid	No.	Amount paid
	2	3	4	5	6	7
1920-21 ..	1,04,931	3,25,516	49,674	5,43,339	8,952	2,54,092
1921-22 ..	1,00,697	3,22,163	54,417	5,48,973	8,851	2,57,269
1922-23 ..	86,205	3,13,228	49,982	5,81,954	.,257	2,78,666
1923-24 ..	1,06,721	3,27,492	43,718	5,88,304	9,387	3,01,481
1924-25 ..	1,01,626	3,26,026	48,851	6,71,457	9,746	3,10,418

Year	Holders paying Rs. 100 but not exceeding Rs. 500		Holders paying above Rs. 500		Total	
	No.	Amount	No.	Amount	No.	Amount
	8	9	10	11	12	13
1920-21 ..	860	1,05,233	11	9,439	1,64,028	12,37,618
1921-22 ..	560	1,00,441	9	6,681	1,64,534	12,35,435
1922-23 ..	477	1,08,540	11	9,790	1,45,931	12,92,178
1923-24 ..	540	1,12,939	11	9,790	1,65,397	1,34,006
1924-25 ..	553	1,18,390	11	10,654	16,087	14,36,945

AGRICULTURAL LOANS.

The following table shows *talukwar* the different kinds of loans granted during the three years, 1922-23 to 1924-25. Loans
Granted.

Year	Takavi	Land Improvement	Flood relief
1922-23	275	2800	..
1923-24	3,910	6,750	..
1924-25	2,285	13,020	11,295

IRRIGATION.

The following table gives details of the various means of irrigation in the District :— Means of
Irrigation.

Tanks in action.

Taluk	Major		Minor	
	No.	Extent irrigated	No.	Extent irrigated
1. Hassan	49	8674-37	1061	12482-29
2. Manjarābād	14	1860-36	1029	13231-28
3. Belur	58	6704-28	1187	18616-00
4. Arsikere	34	6386-5	138	4008-8
5. Channarāyapatna	38	6222-22	216	4180-21
6. Hole-Narsipur	14	1077-33	252	2066-36
7. Arkalgud	13	1294-14	797	7697-6
8. Alur (Sub-Taluk)	20	2377-33	615	7335-25
Total	240	34599-8	5295	68618-33

Restored and
unrestored
tanks.

The following is a Statement showing the number of restored and unrestored tanks in the District :—

Taluk	Major Tanks			Minor Tanks		
	Restored	Unrestored	Total	Restored	Unrestored	Total
1. Hassan ..	49	28	77	73	988	1,061
2. Manja- rābād. ..	..	24	24	48	981	1,029
3. Belur ..	37	26	63	53	1,134	1,187
4. Arsikere .	34	10	44	42	94	138
5. Channa- rāyapatna.	36	10	46	78	138	216
6. Hole-Nar- sipur.	14	6	20	65	187	252
7. Arkalgud	12	4	16	64	733	797
8. Alur ..	9	20	29	37	578	615
Total ..	191	128	319	460	4,833	5,293

Tanks clas-
sified accord-
ing to Rev-
enue.

The following is a Statement of tanks classified according to revenue :—

Name of Taluk	Less than Rs. 300	Between Rs. 300 and 500	Between Rs. 500 and 1,000	Between Rs. 1,000 and 5,000	Above Rs. 5,000	Total
1. Hassan ..	1,061	22	17	10	..	1,110
2. Alur ..	615	16	4	..	..	625
3. Manja- rābād. ..	1,029	12	2	..	..	1,043
4. Belur ..	1,187	36	15	7	..	1,245
5. Arsikere.	138	12	14	8	..	172
6. Channa- rāyapatna.	216	15	14	9	..	254
7. Hole-Nar- sipur.	252	10	2	2	..	266
8. Arkalgud.	797	5	7	1	..	810

The following is a Statement of expenditure incurred on works carried out by the P.W.D. during the 3 years 1920-21, 1921-22, and 1922-23.

Expenditure on Irrigation.

Year	Original works	Repairs
1920-21	16,119	19,126
1921-22	9,746	13,487
1922-23	20,089	13,469

The following is a Statement of expenditure on irrigation by the Marāmat Department:—

Year	Original works	Repairs
1920-21	3,864	10,841
1921-22	1,835	2,715

The Marāmat works were transferred to the P.W.D. in 1922-23 and no expenditure was incurred by the Revenue Department on this account.

The chief sources of irrigation are the channels drawn from the rivers of which there are 13 and the major and minor tanks of which there are 240 and 5,295 respectively.

The particulars regarding channels are given below:—

Name of Anicut	Name of Channel	Length in Miles	Extent under irrigation	Revenue derived under the channel
<i>Hēmāvati River.</i>				
1. Srīrāmadēvar ..	North channel ..	51½	5,604	34,894
Do ..	South channel ..	21	1,532	8,615
<i>Yagachi River.</i>				
1. Halvagal ..	Halvagal channel..	6	277	1,345
2. Changanavalli..	Changanavalli ..	13	1,228	6,472
3. Chakratīrtha ..	Chakratīrtha ..	1½	108	549
4. Arehalla ..	Arehalla Do ..	1-12 grades.	240	1,008
5. Kittur ..	Kittur Do ..	9	595	2,680
6. Kudlur ..	Kudlur Do ..	6	334	1,832
7. Madaghatta ..	Madaghatta Do ..	8	626	3,572

Name of Anicut	Name of Channel	Length in Miles	Extent under irrigation	Revenue derived under the channel
<i>Cauvery River.</i>				
1. Krishnarāja- Katte. ..	Kattepur Channel..	14½	Acres. 1,137	Rs. 6,452
2. Do ..	Ramanathpur .. Do.	19	1,779	8,542
<i>Wild streams.</i>				
1. Mudvahalla ..	Mudvahalla Do. ..	3	127	491
2. Sangappara- vaddu. ..	Sangappara- vaddu Do. ..	1	20	118
3. Kiravale ..	Kiravale Do. ..	2	105	432

FOREST.

The following tables show the chief economic forest products in the District and their distribution according to Taluks :—

Chief Economic Forest Produce.

1. Arsikere Taluk—	Hole Narasipur-Taluk— <i>concl'd.</i>
1. Tangadi and Kakke	2. Gall-nut
2. Alale	3. Honey and Wax
3. Honey and Wax	4. Lichen
4. Some Chekke.	5. Honge
5. Makli Beru	6. Thupra
6. Kachu	
7. Kiribidaru	4. Arkalgud Taluk—
8. Honge Seed	1. Tangadi and Kakke
9. Thupra	2. Alale
	3. Honey and Wax
2. Channarayapatna Taluk—	4. Popli Chekke
1. Tangadi and Kakke	5. Geru
2. Kachu.	6. Thupra
3. Thupra	7. Seege
4. Honge	8. Lichen
	9. Antawala
3. Hole-Narsipur Taluk—	10. Honge.
1. Tangadi and Kake	

Chief Economic Forest Produce.—concl'd.

5. Hassan including Alur Sub-Taluk—	Belur Taluk— <i>concl'd.</i>
1. Tangadi and Kakke	4. Seege
2. Honey and Wax	5. Lichen
3. Alale	6. Honge
4. Gum	7. Some
5. Popli	8. Hebbidaru.
6. Some	7. Manjarābād Taluk—
7. Seege	1. Kakke
8. Geru	2. Seege
9. Thupra	3. Antawala
10. Lichen	4. Ramagot, Ramapatre.
11. Antawala	5. Popli
12. Honge	6. Honey and Wax
13. Lac	7. Wood Oil
14. Big and small Bamboos.	8. Halamaddi
6. Belur Taluk—	9. Lichen
1. Alale	10. Kadamenasu
2. Tangadi and Kakke	11. Cardamom
3. Antawala	12. Hebbidaru
	13. Canes (different kinds).

The following is a table showing the chief Economic products with quantity collected during the three years 1920-21 to 1922-23.

<i>Chief Economic Product.</i>	<i>Average annual quantity collected during the three years 1920-21 to 1922-23.</i>
1. Gall-nut	10,000 maunds.
2. Tangadi and Kakke barks	100 tons.
3. Honey and Wax	1,000 maunds.
4. Some Chakke	500 "
5. Kachu	1 ton.
6. Magali Beru	100 maunds.
7. Honge Seeds.	100 tons.
8. Popli Chekke	2 tons.
9. Lichen	$\frac{1}{4}$ ton
10. Antawala	20 tons

Chief Economic Product.

Average annual quantity collected during the three years 1920-21 to 1922-23.

11.	Seege	..	..	..	50 tons
12.	Lac	..	..	..	2 maunds.
13.	Gum	..	..	..	40 maunds.
14.	Geru	..	..	..	2 tons.
15.	Rampatre	..	..	..	10 maunds.
16.	Wood oil	..	..	..	100 maunds.
17.	Ganes	..	..	..	10 tons.
18.	Bamboos.	..	..	..	200 tons.
19.	Tupra leaves.	..	..	..	30 tons.

ARTS AND MANUFACTURE.

Large Industrial establishments.

The following is a list of large Industrial establishments in the District :—

District and Place	Name of Establishment	Class or Description of Industry	Average number of persons employed daily	Whether worked by mechanical Power or Hand Power
1. Alur	Mr. H. Nanjundappa's Rice Mill.	Rice milling	25	Mechanical Power
2. Ballupet	Mr. B. Basappa gowda's Rice Mill.	Do.	20	Do.
3. Arsikere.	Mr. J. V. Ramiah's Furniture Factory.	Furniture making	26	Hand Power.
4. Do.	M & S M Railway Co's Railway workshop.	Engineering works.	25	Do.

The following are the Rural Industries in the District :-

Rural Industries	No.	Value of output
		Rs.
1. Hand Looms	1,700	2,32,704
2. Smithy	439	91,980
3. Jewellery	788	1,50,000
4. Oil Mills	393	1,09,500
5. Carpentry and woodworks	755	1,27,280
6. Furniture workshops	6	7,000
7. Pottery	780	47,050
8. Lime works and kilns	52	6,970
9. Manufacture of carts	17	14,300
10. Boot and Shoe works	72	7,600
11. Mat and basket works	312	21,300
12. Wool spinning and weaving	140	10,000
13. Rope making	160	14,475
14. Manufacture of sweet meats	39	9,260
15. Do dairy products	424	29,700
16. Metal works	89	22,800
17. Manufacture of Biscuits and bakery	7	6,410
18. Sugar-cane crushing	116	66,100
19. Tailoring industry	282	50,320
20. Rattan and Vate works	10	..

COMMERCE AND TRADE.

The following is an approximate statement of exports and imports in this District :-

Exports	Value	Place of export
	Rs.	
1. Fresh Cocoa-nuts	1,89,220	Bombay and Coorg
2. Sheep and Goats	99,000	Coorg and other Districts in the State.
3. Rough cotton	6,000	Coorg
4. Brass and copper vessels	15,000	Arsikere
5. Supari	48,000	Mangalore, Coorg and other Districts in the State.
6. Rice	89,000	Chickmagalur and Mangalore
7. Jaggery	96,000	Mangalore and Mercara
8. Bengal-gram	8,000	Chickmagalur and Mercara
9. Castor Oil	10,000	Mangalore and Mercara
10. Chillies	90,000	Mangalore, Bangalore, Coorg, etc.
11. Tamarind	11,500	Coorg, Chickmagalur, etc.
12. Cotton	19,000	Davangere

Statement of exports and imports, etc.—*concl'd.*

Exports	Value	Place of export
	Rs.	
13. Coffee ..	8,00,000	Bangalore and Mangalore
14. Cardamom ..	1,70,000	Bombay and Dharwar
15. Cattle ..	7,00,000	Coorg, Haveri and other Districts in Mysore State.
16. Hides ..	33,000	Bangalore, Mangalore, etc.
17. Horse-gram ..	2,50,000	Arsikere, Mangalore and Bangalore.
18. Paddy ..	12,10,000	Bangalore, Mysore, etc.
19. Ragi ..	6,50,000	Coorg and Mysore
20. Dhal ..	12,000	Chickmagalur

Imports.

The following articles by the value noted against each of them are imported into the District :—

Name of the Commodity	Value	Place of import
	Rs.	
1. Gold	10,50,000	Bombay and Madras
2. Silver	58,000	Do
3. Dhal	85,000	Sholapur and Bangalore
4. Green gram ..	12,000	Bijapur and Davangere
5. Wheat	22,000	Davangere, Hubli and Dharwar
6. Arrack	40,000	Bangalore
7. Silk	22,000	Kollegal and Bangalore
8. Salt	60,000	Bangalore and Bombay
9. Ghee	65,000	Dharapore
10. Sugar	40,000	Bangalore
11. Woollen Kamblis	34,000	Davangere and Hubli
12. Cotton threads .	92,470	Davangere and Bangalore
13. Rough cloth ..	40,000	Do
14. Fine cloth ..	8,40,000	Bangalore and Conjeevaram
15. Ropes	38,500	Calicut
16. Iron vessels ..	16,500	Sholapur and Bangalore
17. Copper vessels ..	15,000	Mangalore and Hubli

Marts.

The great rice market is at Alur in the Hassan taluk, about 7 miles from the *kasba* ; it is attended by the raiyats of the Malnād, who bring their rice in large quantities for sale, and by purchasers, many of whom come from great distances with carts and droves of bullocks for the conveyance of the rice purchased. Other important trading places are Yeslurpet, Kenchammana Hoskote and Channarayapatna.

MEANS OF COMMUNICATION.

The Mysore State Railway from Mysore to Arsikere, metre gauge, chord line, runs through the middle of the District for 60 miles and passes through the following Railway Stations :—

Hole-Narsipur	Dudda.
Mavinkere	Bageshapura.
Ambuga	Harnhalli Road.
Kowsika	Arsikere.
Hassan	

The Madras and Southern Mahratta Railway passes through Arsikere Taluk in this District for a length of 18 miles. Arsikere and Bānavar are the stations on this Railway.

The following table gives the particulars of Provincial Roads and District Fund roads in the District :—

Particulars of Roads	Mile.	Annual cost of maintenance
		Rs.
Bangalore-Mangalore Road	85.7/8	22,623
Hassan-Chickmagalur Road	28	6,300
Bangalore-Honnavar Road	20½	4,500
Bānavar-Mudgere Road	39½	7,900
Sukravārasanthe-Subramanya Road, 2nd Section.	19	3,800
Total	192.3/8	45,123
DISTRICT FUND ROADS.		
1. Seringapatam-Channarayapatna Road	5	750
2. Kikkēri-Ippiah Road	2	100
3. Yalwal-Hassan Road	32½	3,250
4. Yedatore Rāmanāthpur Road	5	300
5. Hampapur-Rāmanāthpur Road	8	560
6. Frazerpet Rāmanāthpur Road	8	600
7. Hirisave-Nuggihalli Road	9	630
8. Channarayapatna-Sravana-Belgola	7	700
9. Hassan-Salagame Road	7.3/8	570
10. Channarayapatna-Narsipur-Kodli-pet Road.	36½	4,220
11. Hassan-Periyapatna-Cannanore Road.	36	3,600
12. Kattaya-Halibyle Road	19	950

Tables giving the particulars of Provincial roads, etc.—*concl'd.*

Particulars of Roads		Miles.	Annual cost of maintenance
<i>District Fund Roads.—concl'd.</i>			Rs.
13.	Bharthavalli-Alur Loop Road ..	3	600
14.	Palya-Belgodu	3½	210
15.	Banavasi-Yeslurpet Road	18	1,740
16.	Bage-Belur	17	2,700
17.	Hosurpet Road	2½	188
18.	Saklespur-Arehalli-Chickanahalli Road	18½	1,850
19.	Arehalli-Bikkodu Road	5	500
20.	Anemahal-Mudgere Road	12	1,560
21.	Hanbal-Devarunda Road	8	560
22.	Manjarābād-Kodlipet Road	15	2,250
23.	Sukravārasanthē-Śubramanya Road, 1st Section.	14	1,400
24.	Vanagur-Mallipatna Road	8	400
25.	Bullhalli loop Road	1	100
26.	Tiptur-Channarāyapatna Road	21	1,470
27.	Arsikere-Channarāyapatna Road	28	3,400
28.	Tiptur-Dudda Road	15	1,500
29.	Arsikere-Hassan Road	25	3,750
30.	Arsikere-Huliyar Road	22	2,640
31.	Bānavar-Sira Road	15	900
32.	Bānavar-Sakrepatna Road	2	160
33.	Halebīd-temple Road	¼	50
34.	Bānavar Station Road	½	50
35.	Mudgere-Belur Road	12	840
36.	Krishnarājakatte Road	2¼	220
Total length of District Fund Road ..		444	45,268

Dak Bungalows, Musafir-khanas, etc.

For the accommodation of travellers, Bungalows and Musafirkhanas with suitable kitchens are built at the stations named below :—

Taluk	Travellers' Bungalows			Musafirkhanas or inspection lodges
	Class			
	1st	2nd	3rd	
<i>Hassan Taluk.</i>	Hassan ..		Dudda	1. Hassan 2. Dudda 3. Grāma 4. Yelagunda 5. Chickkam-malenahalli. 6. Gorur

Travellers' Bungalows and Musafir-khanas, etc.,—*concl'd.*

Taluk	Travellers' Bungalows			Musafir-khanas or inspection lodges
	Class			
	1st	2nd	3rd	
<i>Alur Sub-Taluk.</i>	Palya ..	1. Alur
..	2. Palya
<i>Manjarābād Tk.</i>	Saklespur	..	1. Marnahalli	
..	2. Hanbal..	
..	3. Sukravāra-santhe.	
..	4. Bisle ..	
<i>Belur Taluk.</i>	..	1. Belur	1. Hagare	1. Belur
..	..	2. Halebīd.	2. Arehalli	2. Halebīd
..	3. Chikana-halli.	
<i>Arsikere Taluk.</i>	Arsikere	Arsikere	1. Gandasi	1. Arsikere
..	2. Bānavar	2. Bānavar
..	3. Javagal
..	4. Kanakatte
<i>Channarāyapatna Taluk.</i>	..	Channarāyapatna.	1. Dandegana-halli.	
..	2. Hirisāve	
<i>Hole-Narsipur Taluk.</i>	Hole-Narsipur.	..	..
..	
<i>Arkalgud Taluk.</i>	..	Arkalgud	..	1. Arkalgud
..	2. Rāmanāthpur.

FAMINES.

There has been no famine in the District within the last 40 years, but during 1908-09, acute distress prevailed in parts of Arsikere and Channarāyapatna Taluks of the District. The rainfall in the two Taluks during that year was less than the average of the previous 5 years. As a result of scanty rainfall, there was scarcity of drinking water. The wet crops also failed as the tanks did not receive water. The

yield of dry crops was also poor. There was scarcity of food stuffs and fodder. Four hundred and thirty seven and half square miles in the two Taluks were affected, the population affected being 91,254. Relief measures were adopted such as gratuitous relief to the disabled, subsistence loans, Land Improvement and Takkāvi loans, starting of relief works, remission of assessment, importation of rice from Burma and Bezwada and distribution of the same at cost price and supply of fodder from Malnād parts for the use of cattle. Similar conditions prevailed in 1918-19 also, but the situation was not so acute as it was in 1908. The usual relief measures were adopted during this year also.

SECTION IV.—ADMINISTRATIVE.

Divisions.

The following table shows the names of Taluks, Sub-Divisions etc.—

Name of the Sub-Division	Name of the Taluk	No. of Hoblis	Number of Villages and Towns		Population in 1921	Population per sq. mile
			Govt.	Inam		
1. Hassan ..	Hassan ..	5	372	19	1,01,901	272
	Alur ..	3	164	17	27,240	252
2. Hole-Nar-sipur.	Hole-Nar-sipur. ..	3	220	31	64,032	275
	Arsikere ..	5	352	5	93,390	192
	Channarāya patna. ..	7	385	4	95,710	230
	Arkalgud ..	5	258	35	79,493	303
3. Sakles-pur. ..	Manjarā-bād. ..	7	263	15	51,042	112
	Belur ..	5	340	53	93,390	192
Total ..		40	2,354	179	5,83,960	219