


## INDEX TO THE CORRESPONDENOE RELATING TO SECOND REVISION SETTLEMENT OF ERANDOL TALUKA OF THE EAST KHANDESH DISTRICT.



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To
The COLLECTOR of EAST KHANDESH, Jalgaon.

Jalgaon, 3rd September 1919.
Sir,
Under orders contained in Government Resolation, Revenue Department, No. 539, dated 20th January 1919, I beg to submit the following report for the second Revision Survey Settlement of the agricultural lands in the Erandol Taluka. I assumed charge of this office on 1st March 1919 and have spent about two months in making special careful inquiry in the whole of the taluka, though I am in charge of this taluka for the last four years and have had an opportunity to study the conditions therein for a sufficiently long time.
2. The taluka till 1st Norember 1917 comprised of 228 Government Khalsa villages and one Inam village-Bhondan. But when the Parola Peta was transformed into a separate taluka some rearrangement was made and 10 villages on the north and north-west were transferred to Amalner and 33 villages including the Inam village on the west were given over to the new Parola Taluka. The first Revision Survey was introduced in 227 Government villages of the old Erandol Taluka in the year 1889-90, while the original Survey Settlement was extended to the village of Ringangaon, which being originally Inam had lapsed to Government in the year 1879, in the same year (vide Government Resolution, Revenue Department, Nos. 3924 of 6th June 1890 and 5091 of 19th July 1890). The Inam village of Bhondan has been surveyed and settled in the year 1870-71 but as it has to be remeasured and classified the question of introducing a Revision Survey to that village is not under consideration. Out of the remaining 228 villages, 42 have been transferred to Amalner and Parola Talukas, but I find that while submitting his proposale for the second Revision Survey Settlement of the old Amalner Taluka including Parola Peta villages, Mr. Abbott considered the 10 villages transferred to the Amalner Teluka and has left out the 32 villages given over to the new Parola Taluka. So I have now to submit my proposals for the Revision Survey Settlement of the remaining 186 villages of the Erandol Taluka and 32 of the Parola Taluka. Hence most of the appendices to this report will contain information for these 218 villages. I shall, however, have to consider the figures of all the 228 villages for comparison on some points in the body of this report and so they will not be found in the appendices.

## Measurement and Classification.

3. At the outset I may mention that there are no patasthal bagait lands in any of the villages. There is some motasthal bagait area in some villages but as while reclassifying the lands at the time of the first Revision Survey Settlement of the taluka necessary position chadh has been given ta these lands, I take it that these lands are to be treated like ordinary dry crop lands. Hence my task has been no way complicated and I can treat all the Government ocoupied lands in the whole taluka without any differentiation whatsoever. The classification of the soil has been generally without any faults; only in a few villages I learnt that a few survey numbers apparently of deep black soil have outwitted the classer in point of some inherent faults. I shall now proceed to consider the direct and indirect evidence on the point of revising the assessment on these lands.

## Position.

4. The taluka is one of the central talukas of the old Khandesh District and has got many features similar to those of its surrounding talukas of Jalgaon, Pachora, Amalner and Chopda. It is bounded on the east and a 88
north-east by the Girna-the Jalgaon and Pachora Talukas being beyond it, on the north by the newly formed Amalner Taluka, on the west by the old Amalner Taluka and the old Parola Peta and on the south by the Bhadgaon Peta.

## Physical features.

6. In its physical features it resembles mostly the adjoining talukas. The northern villages are the continuation of the Taptee side deep black soil tract. The eastern villages are mostly better class land villages in the Girna valley, while the southern and western villages and some central ones round about Dharangaon and Erandol are mostly poor soil ones. On the south-west there are some low ranges and spurs of rocky hills and mal land whioh is the extension of the poorer Barad soil of the old Parola Peta. To the east of Erandol there is a cluster of pasture forest hills upto the Girna, in the centre of which there is the beautiful religious temple of Ganpati and a tank called Padmalaya. There have been a few forest reserves and kurans included in this and the central area, which however have got no tall trees thereon but are only useful as grass and fuel lands. In the richer soil villages however there are good many mango groves and trees, which give an attractive appearance to the country. There are no other useful and valuable trees in the taluka.

## Soil.

6. The soils are deep or rich black and moderate black in few places but mostly of poor quality and little depth. In some places there are tracts of rugged waste and stony lands. On the Girna banks the nalas rushing into it have broken it up and washed away the better soil. This description will be borne out by the fact that the occupied cultivated area of the old taluka$2,32,863$ acres-yields an assessment of Rs. $3,26,674$ only though the best 16 anna soil was assessed at Rs. $2-10-0$ at the time of the first Revision Survey Settlement. The average assessment per acre comes to Rs. 1-6-5.

In the year 1896 there had been heavy floods on the Girna, which washed away good soil from several survey numbers in 15 villages and a question of their reclassification is pending consideration by the Superintendent of Land Records (vide Government Resolution, Revenue Department, No. 1055, dated 18th November 1912) and I learn that the work is being done in October next.

## Water system.

7. The only important river is the Girna but there are several tributaries of the same, the most important of these being the Anjani, which passes by Erandol and Sonwad to join the Girna. Except the Gima no other river or nala has got a perennial supply of even drinking water and so the people mostly get their supply from wells and shevadis. The bed of the Girna being very deep and the banks being mostly cut up and uneven, there appears to be no probability of patasthal irrigation introduced in this taluka. However it has to be noted that this year an enterprising Marwari but genuine cultivator of Utran has with permission of the Collector put up an oil engine on the Girna side with the object of taking water mainly for fruit cultivation on an area of about 55 acres. He has been given the usual concessions and it is hoped that his example will be followed by many more and the wasted water of the river will be used with profit. In the poorer soil parts there are good many wells, water being tapped at an average depth of 30 feet, and bagait crops are cultivated in several villages.

In addition to the rivers mentioned as above, the taluka gets its water supply from wells only. There are no tanks in the taluka. The figures for wells, etc., are given in appendix $F$.

There are 2,917 wells used for irrigating crops, 1,567 for drinking purposes and 85 specially used for cattle.

## Rainfall and climate.

8. In appendix A figures of the rainfall have been given for which I am obliged to the Director of Agriculture. I also have attached to it the total rainfall figures for the previous 20 years and the notes about the nature of the last 10 seasons received from the Director. The stetisistical atlas gives the
average rainfall as 28 inches, while in the first Revision Sarvey Settlement report Mr. Pitt gives it as $32: 85$. The average of the last 10 years comes to 28.09 in 48 rainy days. The average for the 30 years comes to 28.33 . For the dry kharif and rabi crops grown in the taluka, this quantity is more than sufficient. However it is advisable and proper to have under review the conditions of rainfall during the last 23 years from 1896 to 1918. During the period of the last 10 years there were three years of deficient rainfall and in the previous period of 20 years there were only two. From appendix A it will be eeen that in three years the rainfall was abnormally heavy, being over 30 inches. On the whole however it may be said that the tract generally gets sufficient and well distributed rainfall and cannot be called a precarious one.

The climate is generally healthy and the heat is not very bad as compared to that of Jalgaon, Bhusawal and Chopda. There is very little malaria. The tract is well drained and the climate is quite favourable for all sorts of dry cultivation and also for some irrigated crops and fruit culture.

## Cultivation and crops.

9. I give the information about crops grown in the taluka in appendix B. The figures represent the totals for the last five years and their average for one year separately for 186 villages of Erandol and 32 now in Parola. The chief orops are cotton, jowari and bajri and next to that comes wheat. The percentages of these crops to the total cropped occupied area are as under :-

|  |  |  | 1914 to 1918. |  |
| :---: | :---: | :---: | :---: | :---: |
| 1. | Cotton ... | ... | $39 \cdot 30$ |  |
| 2. | Jowari ... | $\ldots$ | 1785 |  |
|  | Bajri | ... | 18.13 |  |
| 4. | Wheat | ... | $3 \cdot 75$ |  |
| 5. | Other cereals and pulses | ... | $19 \cdot 28$ (tur, udid, mag and kulith are important cereals and pulses) |  |
| 6. | Miscellaneous ... | ... | 1.69 |  |
|  |  |  | 100 |  |

The percentage for the average gross occupied caltivable area including fallows is as given below and against it I give the figures of the percentage from Mr. Pitt's report of 1890 :-

| - | - |  |  | Percentage for 1914-1919. | Percentage in 1890. |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Cotton | ... | ... | ... | 38.24 | 32.9 |
| Jowari | ... | ... | ... | 17.37 | $24 \cdot 9$ |
| Bajri | ... | $\cdots$ | ... | 17.64 | 19.2 |
| Other cereals | nd pulses | . | ... | 18.76 | $2 \cdot 1$ |
| Wheat | ... | ... ${ }^{\text {• }}$ | ... | 3.60 | 78 |
| Miscellaneous | ... | ... | ... | 1.69 | 7.5 |
| Fallows | ... | $\cdots$ | ... | $2 \cdot 70$ | $5 \cdot 6$ |
|  |  |  |  | 100 | 100 |

The total of cultivable occupied area now is $2,34,879$ acres in 228 villages including the 10 transferred to Amalner as against 2,32,863 acres in 1890.

The methods of cultivation are mostly conservative and have had no change. In few cases iron ploughs are being used. As compared with other parts of the Deocan the area of cultivation is extensive and the incidence of population to the cultivable area being lower, the cultivators are not very careful in preparing the lands, and hence there is yet ample scope for improving the intensive oharacter of the cultivation. Even in picking up of the valuable crop of cotton the people are somewhat careless and leave out some cotton for the Bhils and others to make out considerable amount of money by making Sarva or collection of the neglected fallen boles. This goes to show that the oultivators are in better circumstances. Artificial manures are never used and farm yard manure is getting soarce and its present supply is much less than what would be demanded by the area under cultivation.

The majority of the oultivators are for dry crop only. A few of them go in for well irrigation and cultivate plantains, ohillies and vegetables only. There is a case of a oultivator who makes use of an oil engine. There are exoeptions of people who have now gone in for valuable fruit culture. The important irrigated orops in 1917-18 were-

|  |  |  |  |  |  | Aotes. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1. | Wheat ... | : | $\cdots$ | ... | ... | 2,785 |
| 2. | Sugarcane | ... | ... | ... | ... | 138 |
| 3. | Plantains | $\cdot$ | ... | ... | ... | 542 |
| 4. | Chillies | ... | ... | ... | ... | 320 |
| 5. | Fruit | ... | ... | ... | ... | 40 |
| 6. | Vegetables | ... | ... | ... | ... | 680 |
| 7. | Others ... | ... | ... | ... | ... | 478 |
|  |  |  |  |  |  | 3,:177 |

In many parts of the taluka water can be tapped at a moderate depth of 30 to 40 feet and the soils and climate are no way unfavourable for the growing of fruit trees. Still it is a regrettable feature that the people do not go in for this kind of valuable and paying cultivation. As there had been some famine and bad crop years since 1900 the people have come to understand the value of irrigated crops and have now got many more wells working to get relief by way of getting grain and fodder in years of scarcity like the last year.

The number of wells and the bagait crop area now and before is as under:-

| Year. | No. of vilages | $\left\lvert\, \begin{gathered} \text { No. of irriga- } \\ \text { tion walls. } \end{gathered}\right.$ | $\left\{\begin{array}{c} \text { Aores of } \\ \text { bagnit oropa. } \end{array}\right.$ |
| :---: | :---: | :---: | :---: |
| 1890 | 227 | 1,975 | 1,751 |
| 1917-18 |  | 2,917 | 3,977 |

The figures still show that the well water is not yet taken proper advanntage of.

Fallows.
10. In the beginning of the present settlement period there were 12,907 acres under grass and fallow in the 227 villages and the average area of fallow in the last five years in the 218 villages now under consideration is found to be 6,034 acres only. In 1890 the percentage of fallows to the cropped area was 5.6 while that is now 27 . In this taluka though there is not the system of strict rotation of crops still many of the cultivators follow the system and grow cotton and jowar or bajri, alternately. They however never keep any land fallow particularly with the object of giving rest to the land as is done in some districts where land is poor. The people think that no such rest is necessary. Hence it may be said that what little area is left as fallow is left only with the idea of supplementing their fodder resources by allowing grass to grow on small strips of land near the bandhs or boundaries of survey numbers.

## Agricultural holdings.

11. The holdings are classified as under according to area and assessment (for 218 villages only)-

| Acrea, |  |  | No. of holdings. | Aares. | Asseasmient. | Aversgo sres. | Average sesessment. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | ... | 8,861 | 14,317 | 18,239 |  |  |
|  |  | ... | 4,156 | 81,220 | 71,062 | 1218 | 1717 |
|  |  | ... | 8,315 | 66,711 | 90,778 | 805 | 2762 |
|  |  | $\ldots$ | 1,612 | 82,244 | 98,874 | 511 | 6105 |
|  |  | $\cdots$ | 60 | 8,584 | 11,744 | 1499 | 195119 |
|  |  | Totas | 12,004 | 2,23,026 | 2,85,197 | 18.23 | 881010 |

This would show that out of the 12,004 holdings 2,861 are non-economic holdings, the percentage being 23.83 . That means that $76 \cdot 17$ per cent. holdings are economic holdings. This by itself goes to show that the agricultarists in the taluka are in generally prosperous condition. The holders of non-economic holdings generally work as labourers with or without their bullocks; But as it is now admitted on all hands that the labourers are nowadays in muich improved condition than what they were in 1890 we may say that all the agricultural population has not now much to complain of in this taluka.

## Divisions of land.

12. Pieces of agricultural land ... ... $21,761 \quad 1889 . \quad 1918$.

The undesirable facility allowed by the Hindu and Mahomedan laws has been taken much advantage of by the ignorant people, who are particularly after the undesirable division of land, without caring for the growing economic evils of the system. Hence this division of land is bound to work against the economic interests of the people concerned and to impair the general growing prosperity of the cultivators, along with other causes, particularly the disproportionate expenditure on marriages and obsequies of dead near relatives.

## Communications.

13. There has been a vast change and improvement in the means of communications in the taluka during the last 30 years. There was already the G. I. P. Railway within an easy reach of the eastern villages from Utran to Bhambhori which afforded good outlet for export of cotton and other valuable crops. About the year 1898 the Jalgaon-Amalner branch line was constructed by" the same Company which was taken further on to Surat by the Taptee Valley Railway Company. This line goes almost through the middle of the taluka as a whole and the two stations of Paldhi and Erandol road (Dharangaon) have made it easy for the whole taluka in point of export and import trade. The latter town has now assumed a vast trade importance and about this I shall say more later on.

Besides the two Railway stations, the taluka has now got the metalled Provincial road from Jalgaon to Dhulia via Parola, and the District Local Board metalled roads (1) of Dharangaon-Musali, a branch of the above road; and (2) Mhasawad-Chopda vii Erandol and Dharangaon. The total length of these three roads is about 60 miles. In addition to these the Taluka Local Board has now undertaken to improve the two other important but unmetalled roads (1) Erandol-Bhadgaon road vid Kasoda, 10 miles and (2) Erandol-Maheji road, 10 miles, both of which afford good communication for the south-eastern villages of the taluka. The only portion which lacks this facility is the northeast portion of the taluka, which is without means of communication in the months of July to October, when however there is little necessity for carts to move about. In addition to these there are hundreds of dry weather oart tracks from village to village, which are fairly passable even for heavy laden carts.

## Bazars.

14. There are marginally noted weekly bazars in the taluka. Of these
15. Dhanaman.
16. Emanain
g. kirandol
17. Kasod.
18. Paldhi.
19. Sonwad
20. Utran.
21. Ringengaon. Dharangaon is the most important. On account of the Railway stations at Dharangaon and Amalner, these two places have become trade centres for my division of four talukas. Dharangaon Bazar supplies the wants of the whole of Erandol and many villages in Amalner, Parola, and Chopda Talakas. It is now well known that the cultivators go in for more of cotton crop and have to import a large quantity of food-grains even in addition to the other necessaries of life and luxury, such as oloth, sugar, oils, iron, etc. Dharangaon has now also a big timber market. The only cattle bazar in the taluka is also there. Large transactions of cotton are also made here. Erandol and Kasoda bazars are next in importance, while the remaining four bazars are only places where
minor things of necessity are sold to the people of surrounding villages. I have attempted to find out the value of transactions done at each of the seven Bazars and the a verage approximate estimate arrived at is as follows. These figures do not include sales of cattle and timber :-

| Bamar. |  |  |  | Value of tranmotiona Re. |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |
| 1. Dharangaon | ... | -* | ... | - | 15,650 |
| 2. Erandol | -.. | ... | ... | ... | 4,200 |
| 3. Kasoda | - | ... | ... | ... | 5,350 |
| 4. Paldhi | ... | ... | . | -.. | 1,230 |
| 5. Sonved | ... | -.. | ... | ... | 850 |
| 6. Utran | - | ... | $\cdots$ | ... | 700 |
| 7. Ringangaon | ... | ... | ... | ... | 850 |

There is one important fair held at Chorwad once in a year and there is a good opportunity for traders to do much business.

Thirty years back there was a very important annual Bazar at Maheji fair in Páchora Taluka on the borders of this taluka but now-a-days it has lost its importance.

## Import and Export.

15. I give below the figures of imports and exports of ohief agricultural and other articles at the Railway Station of Erandol Road (Dharangaon). The totals for each year from 1904 to the end of March 1918 have been obtained from the office of the Chief Auditor and Accountant of G. I. P. Railway and the averages only for 3 quinquennial periods are given. There is one more atation at Paldhi but it has got very little of goods traffic and hence no figures for this station are given. It may however be noted that from this station a large quantity of plantains is exported by Railway parcel system during 8 months of the year:-

Imports (in Bengal maunds).

| Avarage for 1904 to 1907 |  | Rice. | Jowar and Bajri. | Wheat. | Gram and Tur-dal. | Sugas. | Oil-reeda | Cotton and Yam. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\cdots$ | Maunds. 9,714 | $\begin{gathered} \text { Maunds. } \\ 60,051 \end{gathered}$ | Maunds. | $\begin{gathered} \text { Mnands. } \\ 10,400 \end{gathered}$ | $\begin{gathered} \text { Maunds. } \\ 16,745 \end{gathered}$ | $\begin{gathered} \text { Maunds. } \\ 1,692 \end{gathered}$ | $\begin{gathered} \text { Maunds. } \\ 8,769 \end{gathered}$ |
| Average for 1908 to 1912 |  | 17,941 | 112,587 | 25,798 | 18,104 | 25,781 | 9,178 | 6,806 |
| Avarage for 1913 to 1918 |  | 23,320 | 109,100. | 24,824 | 15,947 | 27,609 | 2,249 | 6,708 |

(Exports in Bengal maunds).

|  |  | Jawar and Bajri. | Wheat. | Gram and Tur-dal: | Oil-seeds, | Cotton. | Cotton seed. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Average for 1904 to 1907 | ... | $\begin{array}{r} \text { Maunds. } \\ \mathbf{1 , 3 0 6} \end{array}$ | $\begin{array}{r} \text { Maunds. } \\ 2,373 \end{array}$ | $\begin{gathered} \text { Maunds, } \\ \mathbf{4 , 1 5 7} \end{gathered}$ | $\begin{array}{r} \text { Marunds. } \\ 4,155 \end{array}$ | $\begin{aligned} & \text { Maund. } \\ & \mathbf{2 0 0 , 6 1 8} \end{aligned}$ | $\begin{array}{r} \text { Maunds. } \\ \mathbf{6 1 , 8 0 9} \end{array}$ |
| Average for 1908 to 1912 | - | 2,217 | 350 | 5,082 | 2,662 | 177,592 | 80,819 |
| Average for 1919 to 1918 | ... | 1,682. | 548 | 8,599 | 249 | 160,548 | 82,086 |

The figures speak for themselves. Since the new branch railway was opened a great impetus was given to the trade of the táluka. The figures of imports and exports include information about the articles imported and exported by the three tálukas of Erandol, Párola and Chopda as Dharangaon is the only station serving all of them. The chief exports are cotton and cotton seed. It is plain from the figures of imports of food-grains that the local produce of them is insufficient for the requirements of the people in the talukas and this is the result of extension of the cultivation of the greatly paying crop of cotton. The figures show that the balance of trade is much in favour of the taluka and denote the increasing prosperity of the people.

## Manufactures and Industries.

16. There are no important manufactures or local índustries in the táluka. At Erandol there are a few Mahomedans who are called Kagdis and who manu-
facture some kinds of rough and thick paper by hand from the pulp prepared from useless paper sold in offices, \&o. The best of these papers is used for making account books for Khándesh and Berar Banias. The industry is however no way flourishing. There are 15 houses, of which 10 are working apd make in all aboutt 1,000 reams, each of 240 papers in a year.

There is some hand loom weaving industry. There are about 250 and 200 families of Hindu and Muhamadan weavers at Dharangaon and Erandol respectively and they make ordinary sarees worth Rs. 5 to 15 from imported yarn. This industry is also not quite flourishing. The men are generally poor and are given to drinking and entirely in the hands of the middle men.

At Kasoda there are some Mahomedan weavers who are experts in making carpeta and 7inryas. These things are generally of coarse and thick textare but wear very well. Some of these men make some excellent and costly specimens of carpets resembling Galichas. A specimen was lately seen by me which was only 12 ' $\times 6^{\prime}$ but was said to be worth Rs. 120. The Zoryas are in great demand by oultivators and traders for carrying cotton, \&o., in carts and are sold at about as: 3 par square foot.

There are in all 6 cotton gins and 4 presses in the taluka, which do work for about 4 or 5 months in a year and engage in all about 600 workers. The outturn of these factories for the last 5 years is as under:-


Population and Health.
17. The figures of population are given in Appendix C. They are for 229 villages according to the Census of 1911 and supplied by the Director of Agriculture. Corresponding figures from the Census Reports of 1891 and 1901* are given below. I also give a rough estimated figure of the present population of the 218 villages, which I have specially collected, adding to it the Census figures of 1911 for the 10 villages transferred to Amalner Táluka:-

| No, of rillage日. | 1891 | 1901 | 1911 | 1919 |
| :---: | :---: | :---: | :---: | :---: |
| 229 | 105,808 | 105,840 | 117,186 | 108,065 |

Except at Dharangaon and Erandol the population is mostly agricultural. During the last 30 years, plague, cholera and influenza have done much havoc in some places. The last epidemic itself carried away 10,023 souls in 228 villages. The figures are really surprising. They show that during the 1 st 10 years the normal increase had disappeared during the famine of 1899-1900 and though during the next 10 years there was an increase of 10.7 per cent. still during the last 10 years instead of the normal inorease there was an actual decrease of 9,121 souls. Thismeans that the population is less by $11,718+9,121$, i. e., 20,839 or 16.2 per cent. less than what it ought to have been. This result is due to the epidemios of cholera, plague and influenza and not due to the poverty or similar causes arising out of the depressed material condition of the people. On the contrary I may venture to say that in the materially prosperous condition of the taluka there have been so many moaths less to feed, and the decrease has partially improved the status of the labouring classes by creating more demand for labour. As for the health of the people during the last

30 years it was generally good except for the harm that was done by small-pox, plague, cholera and influenza. I give below the figures of deaths due to these epidemics for particular bad years and the total for 29 years :-

| Year. |  | Cholern. | Plaguo. | 8mall.poz. | Infuenm |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 1897 | ... | 304 | ...... | 60 | ..... |
| 1900 | ... | 1,474 | . | 237 | ...... |
| 1905 | ... | ...... | 387 | 993 | ...... |
| 1912 | ... | 578 | 51 | 523 |  |
| 1917 | ... |  | 1,458 | 5 |  |
| 1918 | ... | 4 | 455 | 154 | 10,023 |

I may note that in some years there was abnormal number of deathe said to be due to fevers. These years are as under:-

|  | Year. | Deathe |  |
| :---: | :---: | :---: | :---: |
| 1899 | $\ldots$ | 1,847 |  |
| 1900 | $\ldots$ | 5,714 | There may be many deaths from cholera in this |
| 1910 | ... | 2,002 | ¢ figure in the famine year. |
| 1912 | $\cdots$ | 2,295 | $1$ |

The total of deaths due to the epidemics and other causes are as under during the last 29 years:-

| . | Years, |  | Cholara. | Small-pox. | Plague. | Influenata, | Pover and Others. | Totul. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1890-1918 | ... | ... | 8,978 | 8,794 | 4,796 | 10,023 | 102,715 | 124,806 |

Taking into consideration the total population of the 228 villages at 108,000 we find that the death-rate is 39 per mille which is more by 9 over the normal death-rate. The influenza has in 2 months done as much havoc to the people as other epidemics did during the last 30 years.

For the above detailed figures I am obliged to the Deputy Sanitary Commissioner, W. R. D., Násik.

## Prices.

18. I give below the decennial averages for the last 40 years ending 1917 as per Appendix. I:-

|  | Jowari |  | Bajri. |  | Cotton. |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | S. |  | 8. |  |  |  |
| 1878-1887 |  |  |  |  |  |  |
| 1888-1897 | 19 | 2 |  | 15 | 7 | 0 |
| 1898-1907 |  | 3 |  |  |  |  |
| 1908-1917 |  | 8 |  |  |  |  |

I have purposely omitted to consider the prices for the year 1918 as they were abnormally high on account of abnormal conditions of war, famine and control of prices, which are not likely to stay on. They are as under:-
1918
... 510
511
20

The above decennial average figures show a steady increase in the prices of the 3 important articles. These oould certainly be considered in revising the Land Revenue of the taluka. They show that the quantity of jowari and bajri which fetched rupee one in the market during the first decennium, has now been bringing in Rs. 1-10-2 and Rs. 1-8-11, respectively. This means that , the prices of these articles have gone higher during the last 30 years by
63.5 and 55.95 per cent. As for the cotton no data is available for the 1st decennium. However comparing the average for the 2nd decennium with that of the 4th we find that the value of the cotton too has increased by $42 \cdot 91$ per cent. It has however to be noted that during the last decennium the prices of cotton in the years 1915 and 1917 were 8 seers 7 chataks and 3 seers respectively per rupee. These abnormal figures of the fall and rise in the price of cotton show the unsettled condition of the cotton market during the war period. So we have really to omit these figures from the 4th decennium average. If we do this we get an average of 3 seers and 101 $\frac{1}{2}$ chataks per rupee for the 8 normal years and on comparing this average with that of the 2nd decennium we find that prices have nearly $80 u b l e d$ or are $91 \cdot 45$ per cent. higher now. This really corresponds to the ideas of even the ignorant agriculturists who admit that the prices of ootton bave doubled during the last 30 years.

From the figures of imports of Jowari and Bajri in para. 15 and considering the fact that the expenses of cultivation have largely increased lately, it may be said that the local produce of food-grains is not sufficient for the local consumption and so the rise in prices of these artioles would not really support an increase in the maximum rate of the Land Revenue. But when we consider the fact that the area under cotton crop has increased from $32 \cdot 9$ per cent. to $38^{\circ} 24$ per cent. during the last 30 years, and that the prices of it have gone up by 91.45 per cent., any one will have to admit that the agriculturists are now in a far better condition and can easily bear the maximum increase of 33 per cent. under the standing orders.

Wages.
19. It is difficult to make general observations and comparisons about wages earned by skilled and unskilled labourers in the taluka. However from the inquiry I made in representative villages and information collected through the Cirole Inspectors I can give some general idea for them in towns and villages. There are 2 kinds of wages daily or yearly and monthly. Daily average wages earned by unskilled labourers in towns and villages are:-


From Mr. Pitt's report I find that the wages of daily labourers in 1889 were:-


The figures which I have given are for 4 years before 1918. In 1918 prices of food-grains and cloth went up abnormally high on account of famine and control conditions and the labourers forced their wages still higher. But I do not take into consideration these rates. It has to be noted that village labourer does not work for a full day as in towns. These wages are about at least 50 per cent. more than what they were in the beginning of the current settlement. Many labourers earn much more by doing job work at the time of orop-weeding and outting.

The fixed wages for a yearly servant were about Rs. 65 in 1890 but now these men demand and get something between Rs. 100 and 150. Prices are going up and up and labour has become scarce for the looal requirements for various reasons. A monthly servant asks for Rs. 10 to 12.

The skilled labourers such às carpenters and masons now get Re. 1 to 1.8 per day, while they were getting about As. 12 to Re. 1 some 18 years baok so far as I remember the conditions in Khandesh.

## Agricultural stock.

20. I give figures of the present agricultural stock in Appendix D and below them the figures for some 5 previous representative years beginning with 1891-92 for comparison. The figures for 1918-19 have been separately collected by me this season through the village officers and the Circle Inspectors and those of the previous years are taken from the Mamlatdar's record for all 228 villages. A glance at the figures shows that during the last 30 years the total number of cattle has gone down by about 5,600 and that in the famine year 18991900 the decrease was very marked showing that about 24,000 of the cattle head had disappeared in the famine. It has, however, to be noted that the system of recuperation was going on for the last 18 years and now the number of cattle has reached its first limit. The number of plough bullocks is now less by 3993 than in 1891-92 though the cultivable ares is now increased somewhat. The area of cultivable land per pair of plough cattle comes to be $21 \frac{1}{8}$ acres as compared with 17 acres in 1891 . Looking to the nature of the soil and the method of cultivation I do not think that the number of plough cattle is much less than the required number. Looking to the number of breeding bulls and buffaloes I find that it has increased a bit more during the 30 years and that the number of cows and their calves has remained almest stationery. But I have to note that no regular system or schemes of cattle-breeding are followed any where in the Taluka and, few specially good kind bulls are reared for the purpose. The bullocks and cows are of ordinary country breed and generally supplemented from Malwa animals. Nobody seems to take any special interest in cattle-breeding and there being very little suitable forest area in the Taluka it is not likely that any attempts will be made in the matter.

As for the number of she-buffaloes and their calves, it will be seen that their number has been reduced by about 4,500 , i.e., $32 \cdot 8$ per cent. These cattle are chiefly kept for their milk and ghee, which are so essential for the physique of the people. But this state of things is probably due to the want of sufficient fodder in the villages as buffaloes are not sent away for grazing.

There is comparatively very little change in the numbers of horses, sheep and goats but we are not much concerned about them. Other items need no special consideration.

On the whole I have to say that the condition of the agricultural stock is generally not prosperous; but on the contrary it has suffered much on account of the famine of 1900 and the insufficiency of fodder in some bad crop years after that. Cattle diseases may also have contributed a bit to this result. The explanation or complaints of the general public on this state of things is that there are very few grazing lands available in villages. But I do not think that there is much force in this. The forest area has not deoreased and only about 2,000 acres of assessed waste land have been given out for cultivation during the last 30 years. Hence it may be said that there is very little change in the grazing area. It is true that in due course the agricultural stock should bave increased greatly during the last 30 years. But I think that in these days of high prices of cotton, the people have not been very careful to grow sufficient fodder crop in the fields and so have not taken sufficient care to keep up the agricultural stock. The result, however, is that many of the useless cattle have disappeared and there has been more want of manure, milk and ghee. There has been only one cattle Bazaar at Dharangaon and at times wanjaris bring in herds of bullocks for sale from Malwa.

## Material condition of people.

21. (a) We can classify the population in the following 4 olasses.
(1) Banias or Sawkars.
(2) Bond fide cultivators or agriculturists.
(3) Labourers.
(4) Others including writers, servants, petty industry men, eto.
(1) The condition of the Banias and Sawkars is very prosperous. The fullowing figures of Income tax will give an idea of their earnings. They are, however, makers of their own fortunes by work and enterprise. Sometimes they gain or lose very heavily :-


The money-lenders' circulating capital means so much indebtedness of the agriculturists. So apparently one can say that agriculturists' indebtedness is increasing.
(2) The general condition of the agriculturist is also very prosperous. Though the total amounts of debts is increasing still that is much below their credit or paying capacity in these days. The intrinsic material condition of this class of people has vastly improved during these 30 years as will be apparent from the statistics about the value of land, rents, prices of food grains and cotton and figures of cultivation of dry and irrigated crops. It is true that on account of scarcity of labour and high wages the cost of cultivation has largely increased and that their home charges have also increased largely on account of the high prices of the necessaries of life they have to purchase. Still I can say that other favourable factors mentioned above have contributed very largely to increase their material prosperity. The agriculturist is now well able to pay off his Land Revenue dues very easily and is in a position to tide over the difficulties of bad season without going to relief work. This is proved sufficiently during the last 8 months, when though looking to the poor condition of crops and the past experiance in the famine of 1900, we expected these men to ask for relief works, still in fact none were found to be necessary. It is well known that these men generally pay back their debts punctually and there are very few civil saits filed considering the amounts of debts incurred. In many cases of execution of Civil Court deorees we find that these men mostly pay off the amounts before sale of lands. With all this I have to admit that there are a few cases of non-economic holders of lands, who are really very poor and have to supplement their living by serving as labourers in the villages for a few months. But I have also to note that the poverty that is among these people is forced on them by themselves by their idleness, spendthrift methods of spending in marriages and obsequies of the dead and specially in liquor drinking. There are some villages where majority of the men are given to drinking and the Khandeshi Kunbi generally is a man who would drink at least on occasions. The figures given below will support me in the above observations :-


These figures speak for themselves.
Though the total consumption appears to have gone down by about 17,000 grallons still the total cost to the consumer is only less by Rs. 26,162. It mast be noted here that the labour class must have contributed more than half to these figures.

At page 43 of the statistical atlas of 1906 the following remarks are made -generally about the economic condition of the Khandeshi cultivators as a whole.
"The Gazettear dealing with the whole district gives an unfavourable verdiot: 'Khandesh oultivators are as a rala poor. Without forethought or
self-restraint they readily run into debt and by grasping and unscrupulous money-lenders are forced to pay back large sums.' The conditions of the rayats of East Khandesh before the famine was, however, better tinan is here described. Trade and manufactures and a long succession of normal seasons had increased the local capital. The cultivators were fairly well off, lived easily in ordinary seasons and possessed-fair credit. At the present time the economic condition of the cultivator cannot be said to be more than fair, the succession of bad seasons since 1896-97, combined with extravagance, having markedly impaired it."

I am however not inclined to accept the view given here so far as Erandol Taluka is concerned. For the reasons given above I think that the material economic condition of the cultivator has certainly improved. Ignorance is now passing away and the cultivator is now not so much defrauded by the moneylenders as bofore and in spite of the few bad seasons that had to be faced since 1896 the cultivator has got now more staying power than before.
(3) The labour class has now become alive to its interests and the struggle of life has now taught them to assert their own terms. The tide of industrial upheaval in the country during the last 30 years, new openings for work elsewhere, the increasing local demand for labour and the unfortunate havoc done by plague, Cholera and Influenza, have all contributed to the increasing proseprity of this class of poeple. In the famine of 1900 in spite of the low prices of food grains and other necessaries of life as compared to those for the year 1918-19, the labourers came out in numbers on relief works. But in spite of the very adverse circumstances of the current year very few of the labourers required relief on works. This class of people have largely contributed to the above-mentioned liquor traffic. So, on the whole, I can say that the material condition of these people too has been very prosperous.

I have found that the occupied land is possessed by agriculturists and non-agriculturists as ander:-

|  | Agrioulturista. |  |
| :---: | :---: | :---: |
|  | Area (acres). | Non-agrioulturista, |
| Area (acres). |  |  |

These figures show that much land has not gone into the hands of the Banias. It is also well known that amongst the persons included in the class of non-agriculturists there are several who are really bond fide agriculturists themselves though their greater income is from other non-agricultural sources. I therefore do not propose to make any comments on this point as it does not affect the question of revision of assessment.
(4) Leaving aside the above classes I must say that the economic condition of the remaining classes of people has not been quite so prosperous. But we are not concerned much as regards these people in the settlement report and so I do not discuss or give reasons on the point.
(b) The number of schools and the average attendance of boys and girls are given below for different representative years :-

|  | Year. |  | Government and Municipal Schools. |  |  |  | Private Sohools. |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | No. of schools. | Boys average attendance. | No. of schools. | Girls avcrage attendance. | No. of schools. | Boys average attendance. |
| 1889 |  |  | 31 | 1,354 | 2 | 55 | 1 | 20 |
| 1907-08 |  | ... | 30 | 2,386 | 1 | 48 | $\cdots$ |  |
| 1917-18 |  | ... | 43 | 2,786 | 2 | 131 | 2 | 74 |

This shows that in point of education the Taluka is also improving largely.
There have been now two private Anglo-Vernacular schools at Erandol and Dharangaon and number of boys in both the schools together is about 150.
(c) I find that in the year 1889 there were 19,607 flat and tiled roofed houses and 2,474 huts in 228 villages and that the number of houses and hats in 218 villages under report are as under :-

| Houses well built | ... | 2,959 | Huts | $\ldots$ | 4,841 |
| :--- | ---: | ---: | ---: | ---: | ---: |
| Ordinary flat and tiled roofed. | 19,544 |  |  |  |  |

$$
\text { Total } \quad \therefore \quad 22,503
$$

These figures speak for themselves and indicate increased prosperity of the people in general.

## Revenue History.

22. The area of the unoccupied assessed waste land in the Taluka in the year 1890 was 10,856 arres with 4,857 assessment while that now is only 967 acres with 1,377 assessment. These figures show that since very long most of the cultivable land has been brought under plough or otherwise disposed of. The incidence of the population to area and assessment at the beginning of the Settlement period and now is given below for 228 villages :-

|  | Year. | Population. | Ocoupied area. | Assessment. | Area. | Incidence assesement. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1891 |  | 105,808 | Acres. 232,863 | $\underset{3,26,674}{\text { Rs. }}$ | A. C . | $\begin{array}{rl}\text { Rs. } \\ 3 & 1\end{array}$ |
| 1911 |  | 117,186 |  |  |  |  |
| 1918 |  | 108,065 | 235,483 | 3,27,525 | 27 | 3.00 |

This shows that the incidence is almost stationary. The figures about demand, collections, remissions, and suspensions during the last 29 years are given in Appendix K. The remissions for the 1st 6 years were due to the introduction of the revision survey on the graduated sanctioned soale and no way due to the inability of the holders of the land to pay the amounts. Notwithstanding the fact that there have been one famine and 6 poor orop years, in the last 30 years, the people have been well able to pay the Land Revenue demand all along without much difficulty. Coercive processes are seldom used, on the contrary most of the holders pay off their dues in one instalment instead of in two. Very few notices are issued and distraints made and there are no instances of forfeiture of land for the holder's inability to pay or his oontumacy. During the 30 years in all 1,434 notices had to be issued.

During the famine years some suspensions were granted and the amounts of remissions were very few. This bas been the result of the continuously increasing high prices of the produoe and particularly of Jowari, Bajri and Cotton and the proved credit and economic condition of the
agriculturists.

## Crop experiments and khoti.

23. There is yet another direct test to see what enhancement in the assessment could be made. It is to find out a percentage the present assessment bears to the value of gross produce, which an acre of crop yields in a normal year. Theoretically this is a very sound test, but practically speaking it is not a quite trustworthy one for several reasons. In the first place the value of the yield of every crop varies according to the kind of soil, nature of rainfall, the method and care of cultivation, expenses of cultivation and the market prices of the produce. Hence even if it be possible to have by an experiment the correot value of a particular article produced in an acre of particular kind of the soil under particular conditions of a season and market, still practically it would be a very doubtful method to be applied with any confidence for forming a basis to justify a particular increase in assessment even for a particular village-then not to speak of a whole Taluka-Even holding the above views on the point I shall try to apply the method at least theoretically from what little data is available. This method is based on crop experiments or on khoti trausactions. I tried to find the data from private accounts but could not get
: 894-4
any. Oral inquiry is of no use. Crop experiments are now a days stopped and even though I obtained the published report on crop experiments done in previous years I did not find any data applicable to this Taluka except in two cases given below:-

Erandol 1906-07-Jowari

|  | Value of gross produce. | Aseesment. | Percantage of anecesmont to value of groms produco. |
| :---: | :---: | :---: | :---: |
| ..: | Re. <br> $11 \cdot 2$ <br> $16 \cdot 124$ | $\begin{array}{rrrr}\text { Rs. } & \text { a. } & \text { p. } \\ 1 & 13 & 3 \\ 0 & 14 & 5\end{array}$ | Rs. 16.44 5.37 |

In this Taluka people do not sell their standing crop for cash-which transation is called khoti in the Deccan. However I have obtained figures of jowari and cotton yield from the Jalgaon seed farm for the last 5 years and have struck their average per acre. The standard figures for Khandesh as a whole from the Director's office are also given. They as are under :-

|  | Jomari. | Cotton with seal |
| :---: | :---: | :---: |
|  | ${ }_{\text {J6s. }}$ | ${ }^{\text {lbs. }}$ |
| Jalgann Farm | 668 |  |
| Director's office | 650 | 330 (clean cotton |

I shall however base my remarks on the figures of the Jalgaon farm. The average assessment of the Jalgoan farm land is Rs. 3-1-0 per acre and as the average assessment in the Erandol Taluka is Rs. 1-6-5, it is but proper to reduce the above figures in proportion, The result is

Jowari. 306 lbs .

Cotton.
195 lbs.

The value of this yield at the average prices in the 5 years 1913 to 1917 comes to Rs. 12-10-0 and Rs. 18-6-0 respectively. We may add 20 per cent. to the Jowari yield as value of the fodder and we get Rs. 15-2-0. Taking Rs. 1-6-5 as the assessment the percentage for both the crops comes to be :-


The above percentage of Jowari does not agree with that of the crop experiments percentages given above. If we assume that in these days 50 per cent. of the gross produce goes for the expenses of cultivation we get Ris. 7-9.0 and Rs. 9-3-3, and even if we deduct the Government and Local Fund dues from these figures we get Ris. 6-1-2 and 7-11-2 respectively as net profit per acre. Supposing these results are correct, I think we shall be justified if we enhance the assessment by 33 per cent. and take 0-15-0 more for the 2 acres of the crop yielding a net profit of Rs. 12-13-4 to the holder, under the present altered prosperous conditions of the Taluka. This shows that by the proposed average rate of Rs. 1-13-11 we shall be charging only 16.75 per cent. on the gross yield of one acre of land giving cotton and Jowari half and half or nearly 33.48 per cent. on the net profit which we have assumed to be $1 / 3$ of the gross produce only. The present net profit, however, is shown to be at an average of $5 \cdot 13$ assessments in Appendix H-2. So on this net profit we shall be charging only 26 per cent. by increasing the assessment to its maximum limit. But I shall not base my proposals on this ground as there is other more direct and indirect evidence to support them.

Value of Land. (a) Sales.
24. Information about the sale prices of dry crop land has been given in Appendices G, G-1 and G-2. The information is collected from the

Record of Rights for 49 representative villages. I had however to take great pains in finding out the bond fide sales of dry crop land only. For this purpose I made personal inquiry at every village with the old people who knew about the transactions andialso inspected several sale deeds by way of verification.

The following transactions were excluded :-
(a) Nominal sales in which land was to return to the vendor.
(b) Sales to money-lenders who accepted land in payment of their debts without caring for the real market value.
(c) Civil Court's decree toules, in many of which low prices are realized on account of existing other burdens on the land sold.
(d) Conditional sales.
(e) Sales which are really in the nature of mortgages.
( $f$ ) Sales of lands which are valued abnormally high on account of their peculiar advantageous position with regard to the situation or with regard to their proximity to the land of the purchaser who generally gives more for securing the land for his own convenience.
(g) Sales in which other landed property is indluded with land.
(h) Sales of land having wells on them.

On examining the figures in the Appendix $G$ it will be seen that the value of land has got a steady upward tendency to increase and that in the three periods of 10 years each it has gone up by leaps and bounds till the average value of dry crop land is now found to be nearly 90 assessments while in the beginning of the current settlement period it was only $17 \cdot 1$ assessments. The value of land per acre was Rs. $26^{\circ} 5$ in the beginning but now it is about Rs. 100 . It will however be noticed that in the case of particular villages, most of which lie in the north black soil tract beyond Dharangaon, the average sale value is far higher than 100 assessments, while that for some others which are in the poor soil tract below 100. But these are exceptions. In many cases the average comes to between 75 to 100 assessments. It is also to be remembered that the Khandesh Kunbi agriculturist is nowadays really mad after securing more and more land, and I have noticed instances of some fools who go in for land by incurring debt at about 12 per cent. and pay an abnormal price, by mortgaging the same to the vendor or another sawkar, without any the least regard for aotual netreturn they will get out of the land. The result of their transactions is that the price of land is unnecessarily inflated, and in the end it goes baok in the hands of the sawkar. Really speaking, the idea of these people is that in some good seasons and at high prices of cotton they can repay the debt easily, but the actual result is quite the reverse. From the statement of rents it will be seen that the usual net return to the landlord is $5 \cdot 13$ assessments, and I think that in these days a sane and reasonable man could not risk his money if he could not secure land within 100 assessments on it. Six per cent. is considered to be a fair return if it is actually recovered without trouble and expenses by way of rent. But in practice we find that these people pay much more and do not get even 4 per cent. net return on the whole. They think they get more because they value their and their family's personal labour at much less than at what it actually is.

I have not taken the trouble of collecting statistics from Registration books as it is now unnecessary to do so, nor from mortgage deeds and Civil Court decree sales. Mortgage values are no real indication of sale values, and in Civil Court decree sales there are many cases of previous encumbrances involved and in many cases the sales are concealed private arrangements between parties. I know this from my long experience as Mamlatdar. It may however be noted that in this District, the Collector has laid down the set price of dry crop land in these sales at an average of 100 assessments and he never sanctions these sales when they are below 75 assessments including the encumbrances on the land. So on the whole we take it that 100 assessments is the reasonable bond fide sale value per acre of the dry crop land, and this in itself is far more than what it was at the beginning of the current settlement period and that this sale value whioh is due to the high prices of the agricultural products will by itself justify our levying the full maximum increase under the rules over the present
assessment. For getting a vivididea of the sale values on sight for the Erandol and Parola villages separately for the last 30 years by acre and by assessment I tabulate the figures below in round figures from the Appendices $\mathbf{G}, \mathbf{G - 1}, \mathrm{G}-2:-$


The above figures will show that the Parola villages are comparatively poorer villages. The ratio of the assessment to the land area will also show that the soil of these villages is also of poor quality.


This shows that the value of land has steadily increased and is now 3.77 times more per acre and 5.3 times more per rupee of assessment.

## Value of Land. (b) Leases.

25. Rental ivalue.-Appendices $\mathrm{H}, \mathrm{H}-1, \mathrm{H}-2$ give the average net rents received by landlords for lands leased out. I have given the figures for 50 representative villages for three different periods of 10 years each. The information is collected from the Record of Rights and has been verified in villages by making personal inquiries with the people who are likely to know the nature of the transactions and by referring to the actual leases in some cases, and I can say that the figures show the net rents of bond fide lease transactions and can be relied on. As in the case of sales I have discarded the following kinds of transactions:-
(a) Leases which are nominal deeds for rents which really represent the interest on the mortgage amounts, though the lands are apparently sold.
(b) All leases of inam lands.
(c) All leases which are simply passed to show to the sawkars that the' land is not the property of the holder but which however is nominally sold or transferred to a friend or relative.
(d) Leases in which rents are agreed to be paid in kind as Batai bat nominally some amount is put in as a matter of form or as a supposed penalty in case the lessee turns out to be dishonest.
(e) All leases in which irrigated land is involved.

In this taluka the majority of leases are for rents in cash and the landlord generally is liable to pay the Government dues from out of the rent. I have however deducted the Government dues in such cases to find out the net rents. Among the 50 villages examined, in 22 only I have found-during the last 15 years-in all 290 cases in most of which the rent was agreed to be in kind mostly equal to half the gross produce and the landlord agreed to pay half the Government dues. These are called Nimbatai leases. There are noticed a few cases in which in the Nimbatai lease compensatory or a penal rent is mentioned but which is seldom actually recovered, being really too high for the customary cash rents. The average rent of these cases comes to $9 \cdot 40$ assessments but
obviously it is too high to give a true rental value for settlement purposes. I have therefore excluded these. There are also cases of transactions in which a lessee advances money to the lessor and takes up his land for certain number of years in satisfaction of the debt and himself pays the assessment. In these cases the average yearly rent is rather less than the customary yearly cash rent in the village but this is due to the fact that the lessee has to compensate himself for the loss of interest on the money advanced beforehand. The average of these cases noted in the 50 villages gives the rental figure at 2.45 and 3.65 assessments in the last two periods of 10 years each. These rents are obviously too low to be considered as boná fide rents. So these cases too are not worth being considered.

Now to come to the figures of bond fide rents of leased land we have to examine the Appendices H, H-1, H-2. Comparing the figures of rent per acre and per rupee of assessment with those mentioned in Mr. Pitt's report and Appendix O, I find that they give an unfavourable aspect for the settlememt purposes. I wonder how the figures given by Mr. Pitt were so high. Ihave now collected figures for three different periods and have found that the present rate of rent per acre is Rs. $6 \cdot 22$ and per rupee of assessment is Rs. $5 \cdot 13$ only. Taking into consideration the value of land prevailing in 1889 as given in paragraph 37 of Mr. Pitt's report it will be seen that the rental value he gives in the same paragraph further up is greatly disproportionate. But it being now impossible to obtain any explanation on the point I must stop any further discussion and inference by comparison.

In Amalner Taluka Mr. Abbott has found the net profit to the landiord on average cash rents to be Rs. 5.58 assessment. This is a little more than what I have found in Erandol, i.e. 5.13 . The average sale value of dry crop land in the taluka is 90 assessments. Hence it is seen that the capitalised value of the landlords' annual net profit is 17.56 years' purchase. The present average assessment of the taluka is Rs. 1-6-5, and if it is increased by $33 \frac{1}{3}$ per cent., the net profit to the landlord will be $2: 84$ assessments, and so the capitalised value would be 31 years' purchase or the average value of the land will be $67^{\circ} 4$ assessments.

It may also be noted that to the present average rate of assessment per-acre-which is Rs. 1-6-5-the net rent bears a ratio of $27 \cdot 29$ per cent., and that if we increase it by $\frac{1}{8}$ the ratio will be only 36.45 per cent., whioh is much less than the standard assessment which we could rightly levy on the net rent profit. In 1889 the value of a rupee was one-eleventh of a pound. Since 1897 it had got a fixed value of one-fifteenth of a pound. Now it is one-twelfth of a pound. We do not know whether it goes still higher or lower. However it may be said that the land assessed at Rs. 100 in 1889 should now be assessed at Rs. 109 in order to maintain the assessment at exaotly the same proportion to gross or net produce, if the prices of agricultural products had not risen at all. But as a matter of fact the prices have now risen by 50 per cent. on an average as is shown above. Hence we would be perfectly justified if we increase the assessment by more than 41 per cent. However leaving aside these considerations about the value of rupee, I can base my proposals on the average increase in the net rental profits to the landlords and the increase in the value of the lands in general as shown above.

## General Summary.

26. Considering the statistics and the remarks in the previous paragraphs one comes to the following conclusions:-
(1) The soil though somewhat of poor quality is ordinarily fertile. (Vide paragraphs 6 and 9.)
(2) The rainfall is generally copious, sufficient and well distributed. (Vide paragraph 8.)
(3) The climate is generally healthy and suitable for dry and irrigated crops. (Vide paragraph 8.)
(4) The value of land has enormously increased during the last 30 years. (Vide paragraph 24.)
a 884-6
(5) The rental value of land has increased by 1.67 times during the last 20 years. (Vide paragraph 25.)
(6) The means of communications have largely increased all over and more railway facilities are available for imports and exports. (Vide paragraph 13.)
(7) The prices of jowari and bajri and cotton have steadily risen and are now $63 \cdot 5,55 \cdot 95$ and $91 \cdot 45$ per cent. respectively above those in the beginning of the current lease. (Vide paragraph 18.)
(8) Though the wages and cost of cultivation have greatly increased still the cultivator is in a position to get far higher return from his land than he used to get before.
(9) Though the stock of plough cattle and milch oattle has not materially increased in these 30 years still the number is quite sufficient for the present agricultural requirements of the people. (Vide paragraph 20.)
(10) The agriculturists are well able to pay the land revenue dues in time and quite easily. (Vide paragraph 22.)
(11) The material and economic condition and the credit of the agriculturists and of the other class of people has moderately improved. (Vide paragraph 21.)

From all these conclusions one would be justified in saying that there will be really no hardship whatever if the land revenue be increased upto the allowed maximum of 33 per cent. on the whole area.

## Final Proposals.

27. In proposing the maximum-dry crop rates for the revision of land revenue the first question to be considered is the suitability of the rates to the different groups of villages in a taluka. But fortunately for me I have not to consider this point altogether as at the time of the first Revision Settlement all the villages concerned are grouped together in one group under the orders of Government, in spite of the long and interesting discussion that took place between different officers. If under the poorer conditions of communication then existing it was settled to group all the 228 villages together, the question of grouping the villages under the present improved conditions is altogether out of court. So now the only question to be considered is what maximum dry crop rate should be proposed for the taluka and the 32 villages transferred to Parola.

It has to be noted that the soil of all the lands in the taluka has been properly reclassified before the first Revision Survey was introduced and that a general position class has been applied to every survey number in every village of the taluka. Mr. Pitt in paragraph 47 of his report remarks: "The application of the general position class equalizes the rise in the assessments which will take place when applying an uniform rate by increasing the assessment of the good soil villages proportionately more than that of the poorer soil and higher assessed villages." It has also been held by several high officials long before this that Erandol Taluka being in the better position and circumstances than Amalner, has been rather lightly assessed on account of the fixed limit of 33 per cent., and I have already shown above that the direct and indirect evidence collected and the past revenue history fully justify the increase in the land revenue by 33 per cent. The present sanctioned maximun dry crop rate is Rs. 2-10-0 per acre, and supposing we fix it at Rs. 3-8-0, the total increase will be exactly 33 per cent. I understand that for Amalner Taluka Mr. Abbott has proposed a rate of Rs. 3-5-0 but I think that was necessary because in Amalner the reclassification was still to be done and the general position class introduced. Under these circumstances if we increase the assessment in the 32 villages by $33 \frac{1}{s}$ per cent., the final result will not be disproportionate to the actual results in the Parola Taluka under Mr. Abbott's proposals. The present percentage of assessment on the average rental profit is as under :-

| Taluka as a whole... | $\ldots$ | $\ldots$ | $\ldots$ | $19 \cdot 47$ |  |
| :--- | :--- | :--- | :--- | :--- | :--- |
| Erandol villages | .. | $\ldots$ | $\ldots$ | $\ldots$ | $19 \cdot 63$ |
| Parola villages | $\ldots$ | $\ldots$ | $\ldots$ | $\ldots$ | $18 \cdot 00$ |

This percentage on the increased assessment will be-

| Taluka as a whol |  | ... | ... | $\ldots$ | 25.96 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Erandol villages | $\ldots$ | ... | ... | ... | $6 \cdot 17$ |
| Parols villages | $\ldots$ | ... |  |  | 24.00 |

For these reasons I would like to follow the method adopted by Government in the case of the Yawal, Raver and Chopda Talukas and propose that in revising the present settlement rates an all round increase of $33 \frac{1}{\frac{1}{2}}$ per cent. should be made in the previous maximum rate of Rs. 2-10-0 for all the pieces of land in all the villages. The actual figures of increase in the land revenue on Government occupied land is seen from Appendix $L$.

As for the period of the next lease of settlement I do not think that the usual rule should be departed from, and so I propose that the next settlement rates should be guaranteed for 30 years for all the 218 villages as the Revision Settlement of the Amalner Taluka and old Parola Peta is being introduced from 1919-20 also. The proposed rates if sanotioned should be introduced from the revenue year 1919-20. Before concluding I have to note that the rate proposed in the report does not apply to non-agricultural lands and when the Revision Settlement will be introduced, proper steps will be taken to revise the non-agricultural assessments where necessary according to the rules (vide Settlement Commissioner's Ciroular No. S. T. 91 dated 22nd July 1916).

I have the honour to be, Sir, Your most obedient servant, M. C. KELKAR, Assistant Settlement Officer, Erandol Taluka, East Khandesh.

## APPENDIX A.

Statoment showing rainfall recorded at Erandol, Taluka Erandiol, District East Khandesh, for the years 1888 to 1918.


## APPENDIX A.

Rainfall recorded at Erandol, District East Khandesh, for the years 1908 to 1918.

| Year. | Early rain (lat January to 10th Apri) |  | Ante-monsoon (11th April to 4th June). |  | Monsoon Kharif (5th June to 14th August). |  | Monsoon <br> Rabi (15th August to 21et Oatober). |  | $\left\lvert\, \begin{gathered} \text { Late Rains } \\ (22 n d \text { October } \\ \text { to } 31 \text { st } \\ \text { December). } \end{gathered}\right.$ |  | Total. |  | Remarks. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Fall. | $\begin{aligned} & \text { Rainy } \\ & \text { days. } \end{aligned}$ |  | Rainy days. | Fall. | Rainy days. | Fail. | $\begin{aligned} & \text { Rainy } \\ & \text { days. } \end{aligned}$ | Falt. | Rainy | Fall. | Rainy days. |  |
|  | Ins. | No. | Ina | No. | Ins. | No. | Ins. | No. | Ins. | No. | Ins. | No. |  |
| 1908 | 0.15 | 1 | 1.87 | 4 | $20 \cdot 40$ | 96 | 5.01 | 12 | 0.05 | $\cdots$ | 25.61 | 49 |  |
| 1909 | . 0.20 | 1 | 1.87 | 4 | 12.74 | 23 | $9 \cdot 44$ | 14 | 0.30 | 1 | 24-55 | 43 |  |
| 1910 |  | $\cdots$ | 0.88 | 1 | $18 \cdot 62$ | 29 | $9 \cdot 57$ | 15 | 1.17 | 2 | 29.75 | 47 |  |
| 1911 | 0.11 | 1 | 0.49 | 1 | 14.08 | 19 | 2.04 | 8 | 8.96 | 5 | $20 \cdot 68$ | 85 |  |
| 1912 | - | $\cdots$ | ... |  | $14 \cdot 44$ | 97 | 1.85 | 4 | 8.79 | 9 | 20.08 | 98 |  |
| 1918 | . | - | 0.56 | 2 | 19.81 | 24 | $5 \cdot 41$ | 8 | 0.82 | 2 | 26.60 | 36 |  |
| 1914 | 0.85 | 1 | 2.02 | 4 | 22.57 | 28 | 28.97 | 19 | 1.21 | 2 | 49.62 | 54 |  |
| 1915 | 1.77 | 6 | 0.24 | 1 | 11.81 | 23 | 12.69 | 17 | $0 \cdot 65$ | 0 | 27-16 | 49 |  |
| 1916 |  |  | 1.21 | 9 | 20.07 | 30 | 10.23 | 18 | 3.4.4 | 7 | 34.94 | 58 |  |
| 1917 | 0.51 | 2 | $0 \cdot 30$ | 1 | 14.25 | 24 | 20.76 | 81 | $0 \cdot 47$ | 9 | 96.29 | 60 |  |
| 1918 | 0.08 | ... | 0.90 | 8 | 8.55 | 16 | $2 \cdot 89$ | 7 | 1.50 | 1 | 18.87 | 87 |  |
| Average | 0.28 | 1 | 0.78 | 2 | 16.11 | 25 | 9.99 | 14 | 1.58 | 2 | 28.09 | 44 |  |

Remarks as to the charactor of season in Rramdol Taluka of East Khandesh District far 1908-1918.
1908.-Rain during the year was below the average. Anti-monsoon period was dry. Monsoon commenced in the second week of June but sowing rain was received in the last week. Rain in July was slmoat continuous, kharif sowing being in full swing; but a break was desired in places. August fall was again above the average affeoting cotton orop and stunting the growth of other orops. In September the rainfall was confined to the first fortnight and with it the monsoon practically ceased. The break in the acoond fortnight of Septamber was very useful to the arope but the absence of subsequent rain did not allow an average kharif yield. Rabi sowing was commenced but there being praotically no rain in Ootober or November the rabi area was ourtailed. December was dry. Seeson on the whole fair
1909.-Annual fall was in defect of the avetage. Rain in anti-monsoon period was fairly heavg. Monsoon opened in the seoond week of June but kharif sowing commenced only with the fall in the last weok It was continued and almost finished in July under favourable circumstances. Seedlinge were thriving bat weeding was retarded owing to excessive moisturs. In August the fall was below the average but Was beneficial to the standing aropa. September rain was good and the standing crops were in good condition. Rebi sowing was commenced. Fall in Ootober was light and partial and there was no rain in November. Rabi sowing was completed with diffioulty. The rabi crops roceived useful nain in the third week in Decomber. Sesson on the whole was normal.
1910.-The total fall was elightly above the averago. Adti-monsoon rain was light. Monsoon eot in eariy in

June and aftorded sufficient moistare for kharif sowinge which commenced briskly in the thind week There was mome rein in the first weak of July followed by a break daring the rest of the month whiah
retarded bajri sowing. In August the fall was genoral bat in places exoessive requiring break. The September rain in defect of the sverage end proved injurions to cotton. October fall was above tha srerage and was confined to the first week. 8tanding orops throve well. Rabi sowing was oommenoed. In November main fell in the seoond week and was aghin barmful to jowari and cotton. Rabi sowing was completed and the seedlinge were in good condition. There was eome min in December. Someon on the whole wal good.
1911,-Rain during the year was much below the average. Anti-monsoon rain was light. Monsoon opened early in June and rain whas received in the first two woeks when kharif sowing wat otarted but was retarded by the subeequent break. In July though the fall was below the average it was benofioin for the resumption of the retarded kherif sowings. Beedlings were in good condition. Kharif sowing wae completed though rain in Augast was short of the average. The tall in Boptember was considerably in defect of the average and the standing orops required rain for their development. There was no rain in October. Kharif cropa further deteriprated. Rabi sowing was confined to pleces of suffioime moisture. Good rain largely in axcens of the average fell in the last weak of November and proved very beneficial to the rabi oxope especially wheat. There was no rain in Deoember. Season poor for kherif and fair for rabi.
1919.-Annual rain was far short of the average. Anti-monsoon pariod was dry. Monsoon set in rather late in the third week of June and the fall on the last two days was general and sufficient for tha etart of kharif sowing. August rain was upto requirements and the orops progreseed well. But the very kharif sowing. August rain was upto requirements and the orops progreseed weil. But the very more rain. October did not improve matters as there was practioally no rain. Rabi eowing wis undertaken in places in expectation of further rain. The unexpected and hesry rain in the third weok of November changed the situation inoluding further rabi sowing. There was no rain in Decomber but the rabi orops did well. Season on the whole was poor for kharif and fairly good for rabi orops.
1913.-Total fall of the year was slightly in defect of the average. Anti-monsoon ruin was fair. The monsoon commenced from the second week in June affording sufficient moistare for kharif aowing which began seasonably. In July the fall was almost continuous from the second week and the seedinge in placee guffered owing to excessive moisture. A break was desired to remove stagnation. Angust rain was poor and the need for more rain felt by the end of the month. In September good rain fell in the firat week but it held off subsequently. The orope greve fsirly well. Rabi sowing was nadertaken in plaose of safficient moisture. Here was practically no rain in October or November; but some usoful rain was received in the first week of December which benefited the rabi cropa. Season on the whole was fairly good.
1914. -Aggregate rainfall of the year was more than one and half times the normal, Anti-monsoon rain was good. Monsoon began timely in June and the fall of the month being buffioient kharif sowing was seasonably done. July rain was tavourable and the seedlings did well. In August the fail exceeded the everage retarding weeding in places. The excessive tall in September did much damage to the standing erops including cotton and stunting their growth. In October slight rain was received and rabi sowing was commenced. It wes completed under favourable rain in November the ares devoted to these crope being lerger than usual. Some rain in December helped tho rabi zeedings which promised well. But unfavourable wind and fog in places reduced their outturn. Seneon on the whole below normal.
1916.-Annusi fall slightly under the average. Light rain in anti-monsoon pariod. Monsoon openod rather late in the third week of June. The foll being Bufficient kharif sowing was commenced briskly and way almost finished by the middle of July and the seedlings throve well. Rain in Aagust was much under average end crops on light soils required more rain. The fall in Beptember was in excoss of the average and proved very beneficial to the standing crops. In Ootober the fall was good and the standing oropa throve well and rabi sowing was taken in hand. It was completed under favourable conditions in November end the geedlings did well. They were further helped by rain in Decomber. Season on the whole was very good.
1916.-Rain during the year was in excess of the average. Anti-monsoon shower was fairly good. Monsoon get in early in the first week of June. The fall was sufficient and kharif sowing was seamonably commenced and was almost completad in July under favourable rain. The seedlinge were thriving. Agricultural operations were retarded owing to continuoas rain in August and the crope began to Agrier from excessive moisture. The rain in September was partisl but beneficial, the breaks being useful for the growth of the cropa, Light rain in the Anst fortnight of October was followed by copions rain in the second. The latter fall did damage to the standing orops especisily ootton; but it was very useful for zsbi sowing which commenced everywhere and was finished in November, the fall in the lest week being very beneficial to the rabi seedlings. There waf no ratn in December. Season on the whole wee good.

1917--Total fall of the year much above the avarage. Rain in anti-monsoon period was light. Monsoon commenced early in June and the fall being sufficient kharif sowing was started and was finiuhed by the end of the month. July rain was inadequate and more was needed for the seedlings. Good rain in Auguat made up the deficiency and the orops were in good condition. The fall in Beptember proved excessive causing damage to crops especially to bajri. October rain was again more than anefioient, doing farther damage to the standing crops reducing their outturn. There was no rain in November, the break being userul tor.the rabi sowing which wrs completed by the end of the month. The area nuder rubi crops was increased. There was no rain in Deoember and none was needed, there being sufficient moisture. The rabi crops throve well. The season was fair for kharif and good for rabi,
1918.-Rain during the year less than balf the average. Anti-monsoon rain fair. Monsoon openod late in the third week of June and the fall on the last two days being general and sufficient kharif sowing was started. It was continued in July though the month's fall was half the average. It was finished under favourable conditions in August and the crops were so far in good condition. Only alight rain was received in the first fortnight of Septeniber snd the crops began to ahow signs of distress and more rain was urgently required everywhere. A few drops fell in October. Standing kharif crops further deteriorated and rabi sowing was retarded except under irrigation. In November rain fell in the list week and was not of moch use. December was dry. Season on the whole poor.
(Sd.) K. H. Gormale,
For Director of Agricultare.

## APPENDIX $B$.

Details of cultivation and crops in the villages of the Erandol Tiluka of the East Khdndesh Collectorate.


## APPENDIX C .

Details of population according to occupation as per the Imperial Census of 1911 for the Old Erandol Taluka, district East Khandesh (229 villages).


## APPENDIX 1.

Agricultural stock of the 228 Government villages in the Erandol Tdluka, during the year 1918-19 and 1891-92, 1895-96, 1889-1900, 1909-10, and 1915-16 including 10 villages transferred to Amalner.


Nots,-The figures for $\mathbf{1 0 1 8 - 1 0}$ are apeolally collacted. Those for other yaare are from telula recordu.

* Nots-Animsils are reckoned as calves up to the time they commence work, if male, or are mature for breeding, if female.


## APPENDIX E.

Shops, industries, etc., in the villages of the Erandol taluka including villages transferred to Parola Táluka.

\begin{tabular}{|c|c|c|c|c|c|c|c|c|c|c|c|}
\hline Liguor chops. \& Oil
presses.
a \& Cotson
looms.
S \& Woollen
looms.
4 \& \begin{tabular}{l}
Sitk looms. \\
\(\delta\)
\end{tabular} \& Gins.
6 \& Car-
pate
looms.
\% \& Ging.
8 \& \begin{tabular}{|c|c}
\(\substack{\text { Rice } \\
\text { hnaking } \\
\text { machine. }}\) \& Cotton \\
presses
\end{tabular} \& Steampumpe. 11 \& Ont
engitie
pamps. \& Eomaris.

18 <br>
\hline 8 \& 19 \& 888 \& 19 \& 4. \& $* *$ \& 84 \& 6 \& $\cdots$ - \& \& g \& <br>
\hline
\end{tabular}

## APPENDIX F.

Wells, Bhudkis, Tanks and other sources of water supply in the 228 Government villages of the Erandol Taluka including 32 villages of Parola Tdluka and 10 villages of Amalner Táluka for the year 1918-19.


## ABSTRACT OF APPENDIX F.

218 villages only of Erandol Taluka including 38 villages transfcrred to Parola Taluka.


## APPENDIX $G$.

(Year 1889 to 1898).
Selling value of dry orop lands in the villages of the Erandol Taluka.


## APPENDIX G1

(Year 1899-1908.)
Selling value of dry crop lands in the villages of Erandol Taluka.


## APPENDIX G.

(Year 1909 to 1918).
Selling value of dry crop lands in the villages of the Erandol Taluka.


## APPENDIX H.

(Year 1889 to 1898).
Leases of dry crop lands in the villages of the Erandol Taluka.


## APPENDIX H ${ }^{1}$.

(Year 1899 to 1907).
Leases of dry crop lands in the villages of the Erandol Taluka and the villages transferred to Parola Taluka.


## APPENDIX H².

(Yeab 1908 to 1918.)
Leases of dry crop lands in the villages of the Erandol Taluka and the villages transferred to Parola Taluka.


## APPENDIX I.

Prices prevalent in the Erandol TTaluka from 1878-79 to 1918.
(As plotted in the accompanying diagram.)


* 824-0


## APPENDIX K.

Collection of Assesoment on Government land in the villages of the Taluka of Erandol District East Khindesh.


APPENDIX K.
Collection of Assessment on Government land in the 38 villages of the Taluka of Erandol transfarred to Parola Taluka.


## APPENDIX L.

## APIENDIN

Effect of Revision Settlement proposals on Government occupicd land.

in the Erandol Taluka in the East Khandesh District.


H $824-10$

APPEND


| By Borision Bettlement. |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | van |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Maxtmam ratab. |  |  | Dry-erop. |  |  | sice. |  |  | carden. |  |  | Total |  |  |  |  |  |
| $\begin{aligned} & \text { ob } \\ & \stackrel{0}{6} \\ & 18 \end{aligned}$ | $\left.\right\|_{0} ^{8}$ | $\begin{aligned} & \text { ? } \\ & \text { of } \\ & \text { an } \end{aligned}$ | $\begin{aligned} & \dot{y} \\ & \stackrel{y}{4} \end{aligned}$ |  | 孚 | $\frac{y}{y}$ | 首 |  |  |  | 30 | $\%$ |  |  |  |  |  |
| Ras. D . | ne. | Re. 4 | Acreo. | ${ }^{\text {89, }}$ | E. ap. | Acren. | Ra. | Sa. A D. | dres. | Re. | \%. |  | Re. | Re. |  |  |  |
|  | ... | 880 | 6 | 119 | ... | .'* |  |  |  | ... |  | 9.6 | , | .- | .- | $\underset{\substack{\text { Chizonpura } \\ \text { Erandold }}}{ }$ |  |
|  | ... | 8 | O | 3.189 | ... | ... | ... | - | ${ }^{98}$ | 100 | $\cdots$ | 1.880 | 3, $2 \times$ | ... | ..- | Jivakhedo |  |
|  | .- | 380 | 100 | 1,488 | ..- | - | -- | ... | 14 | ${ }^{0}$ | .- | 74 | 1.,88 | ... | ... | Jevakiede |  |
|  |  | 8 | ${ }^{76}$ | 1,989 |  | $\cdots$ | $\cdots$ | $\cdots$ | $\stackrel{\text { m }}{ }$ | ${ }^{\circ}$ | $\cdots$ | ${ }^{789}$ |  |  |  |  | A |
|  |  | 988 | $\begin{gathered} 1,086 \\ 0808 \end{gathered}$ | ${ }^{8.965}$ | ... | $\cdots$ | … | - |  | $\left.\begin{gathered} 8 \\ 10 \end{gathered} \right\rvert\,$ | $\cdots$ | $\begin{gathered} 1.898 \\ 68 \end{gathered}$ | $\begin{array}{r} 8.431 \\ 615 \end{array}$ |  | ... | Janta | $\cdots$ |
|  | ... | 88 | 14 | ${ }_{65} 8$ | $\cdots$ | ... | ... | ... | ... | - |  | 614 | 50\% | ... | ... | Jantail |  |
|  | ... |  | nos | m | ..- | $\cdots$. | ... | - | ... | ... | ... | 364 | ${ }^{88}$ |  | ..- | Januad | - |
|  | ..- |  | 2.880 | s,12 | -- | ... | ... | , | $\cdots$ | - | ... | 9300 | 3,174 | $\cdots$ | $\cdots$ |  | 3 |
|  | ... |  | ${ }^{600}$ | 1.46 | $\cdots$ |  |  | ... | 18 | ${ }^{37}$ | ... | $\begin{gathered} 610 \\ 6000 \end{gathered}$ | ${ }_{\text {T88 }}^{1.98}$ | $\ldots$ |  | Zarlibede <br> Takarkhede | ${ }^{5}$ |
|  | … |  |  | ${ }^{1788}$ | $\cdots$ | $\cdots$ | … | ... | ${ }_{46}$ | ${ }^{-18}$ | $\cdots$ | 4 | 1,197 | $\cdots$ | ... | T Tabakal E burd |  |
|  | ..- |  | 609 | 1.880 | .- | ... | ... | ... | ... | ... | ... | 620 | 2,880 | ... | -- | Tahakalis Budrak |  |
|  | .. |  | 19 | 40 | - | ... | -- | ... | * | 16 | ... | 20 | ${ }^{1}$ | ... | .-- | Toll Kbura |  |
|  | .' |  | ${ }_{48}{ }^{2}$ | ${ }^{18}$ | $\cdots$ | .. | $\cdots$ | $\cdots$ | ${ }^{2}$ | $\cdots$ | $\cdots$ | ${ }^{298}$ | $\begin{gathered} { }_{0}^{n 8} \\ { }_{00} \end{gathered}$ | ... |  | Tarade Khurd | , |
|  | ... |  |  | 1,160 |  | ... | ... |  |  | ${ }^{m}$ | ... | $\left.\begin{aligned} & 976 \\ & 478 \end{aligned} \right\rvert\,$ | $\left.\begin{array}{r} 801 \\ 1,508 \end{array} \right\rvert\,$ | ... | $\cdots$ | Tarala Budrat | - |
|  | ... |  | 2.006 | 7.916 | ... | ... |  | ... | $\square$ | 378 | $\ldots$ | 9.9m | 8.008 | ... | ... | Talai .- | ${ }^{6}$ |
|  | ..- |  | 1.16 | 9,70 | ." | ..- | ... | ... | 10 | ${ }^{8}$ | ... |  | 18.72 | $\cdots$ | ... | Tr |  |
|  |  |  |  | ${ }_{1289}$ | $\cdots$ | ... | $\cdots$ | $\cdots$ | ... | ... | $\cdots$ |  | $\left.\begin{gathered} 1,78 \\ 1,98 \end{gathered} \right\rvert\,$ | .... |  | Markhedo Dabidide | - 70 |
|  |  |  |  | 1.1.189 |  | $\cdots$ |  | ... |  | $\cdots$ | $\cdots$ |  | $\begin{aligned} & 1,978 \\ & 1,186 \end{aligned}$ | … | … | Dabiale Dasori | ${ }^{-1}$ |
|  | -- |  | cea | 1,289 | ... | ... | ..- | ... | ... | - | $\ldots$ | 580 | 1288 | ... | ... | ${ }^{\text {Dijuk }}$ | - |
|  | - |  | 915 | 4 | ... | ... | ‥ | ... |  | 1 | ... | 0 | 40 | ... | ... | Deoli | - |
|  | .. |  | 1,014 | 18.96 | ... | ... | ... | ... | 2 | * | ... | 1.087 | 1.888 | ... | ... | Dongoon Khurd | - 5 |
|  |  |  | 2,41 | 5,384 | ... | ... | .- | $\cdots$ | ... | - | ... |  | s.784 | $\cdots$ | ... | Dongaan Budrak Dailatpur | $\cdots$ |
|  |  |  | ${ }^{011}$ | ${ }^{884}$ | - | $\cdots$ | $\cdots$ | - | ... | ... | $\cdots$ |  | ${ }^{888}$ | $\cdots$ |  | Daplatpur Dherangoon | - |
|  | - |  | 0.0 | $\left.\begin{array}{\|l\|} \hline 8,968 \\ 1.580 \end{array} \right\rvert\,$ | $\cdots$ | $\cdots$ | $\ldots$ | .- | ${ }^{188}$ | $\left\lvert\, \begin{gathered} 1.298 \\ 956 \end{gathered}\right.$ | $\cdots$ | \% | 2,068 | … | .'. | Diabnora | $\cdots$ |
|  |  |  | 1.954 | 45.9 | ... | ..- | $\cdots$ | - | ... | ... | -- | 1.858 | 4.888 | ... | -. | Dhar | - |
|  |  |  | 1.00 | 2.174 | ... | ..' | ... | ... |  | $\cdot$ | ... | 1,081 | ม17 | ... | -. | Dharasir |  |
|  | . |  | 1.40 | sass | .. | ..- | .. | ... : |  | 2 | ... | 1.648 | 1,986 | ... | ... | Nasduli |  |
|  | … |  | 1.087 <br> 808 <br> 80 | 2.245 | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | ${ }^{190}$ | ${ }^{31}$ | $\cdots$ |  | 2,698 | ... |  | Nipane | . |
|  | ..- |  | $\pm 0$ | 200 | $\cdots$ | $\cdots$ | $\ldots$ | ... | ${ }_{35}$ | 106 | ... | 45 |  | … | ".'. | Nishane Ehara |  |
|  | ... |  | 1,208 | 2.68 | ... | $\cdots$ | ... | ... | ${ }^{6}$ | 15 | ... | 124 | 2.809 | ... | ... | Nishane Budrak | 8 |
|  | … |  | ${ }^{103}$ | ${ }^{18}$ | .- | ..' | - | -- |  | $\pm$ | .. | 50 | ${ }^{\infty}$ | ... | ..- | Nandkeanwer |  |
|  | $\cdots$ |  |  | 2.68 | $\cdots$ | $\cdots$ | -.. | ... | ${ }^{28}$ | ${ }_{*}^{*}$ | - |  | 1,088 | .- | $\cdots$ | Nandukurre Ehard |  |
|  | … |  | 1,0 | \$ | $\cdots$ | $\cdots$ |  | $\cdots$ |  |  | $\cdots$ |  | ${ }^{1.500}$ | … | $\cdots$ | Nendspoon kburd |  |
|  | ... |  | 000 | 1.001 | ... | $\cdots$ | $\cdots$ | ... | $\cdots$ | ..- | ... | +00 | 1.011 | ... |  | Nandeson Buatruk | ${ }^{8}$ |
|  | ... |  | 1.109 | 2.988 | ... | ... | .- | $\cdots$ | - | - | $\cdots$ |  | 2978 | - | ..- | Nimbhore | a |
|  | .. |  | 80 | ${ }^{\text {rss}}$ | - | $\cdots$ | ... | ... |  | - | ... | 800 |  | - | .. | ${ }^{\text {Puthrad Khurd }}$ |  |
|  | .. |  | 1.08 | 1,009 |  | $\cdots$ | - |  |  |  |  |  |  | $\cdots$ |  | Patirad Budrak |  |
|  |  |  |  | 1.110 1.918 |  |  | … | $\ldots$ |  |  | $\cdots$ |  |  |  |  | Pashlient Budrak |  |
|  |  |  | 1,304 | 1.54 | ... | ..- | ... | $\cdots$ |  |  |  | 1.504 | 1.3M | $\cdots$ | ... | Paluedad | - |
|  | .. |  | 1.94 | 2.50 | $\cdots$ | - | ... | ... |  | 30 | $\cdots$ | 201s | 9.70 | ... | ... | Palamitstard |  |
|  | - |  | 1,988 | 2.as | ... | ... | - | .-- |  | $\infty$ | - |  | 2,84 | ... | ... | Palad Budruk | - |
|  | $\cdots$ |  | 1.08 | 1.001 | $\cdots$ | $\cdots$ | … | $\cdots$ |  | $\cdots$ | ... |  | 1208 | $\cdots$ | $\cdots$ | ${ }^{\text {Pookher }}$ | $\square_{10}$ |
|  | ... |  |  | ns | $\cdots$ | \| | - |  |  | -- |  |  | $n$ |  |  |  |  |



L-continued.

" $82 \pi-14$


1-continued.


--concluded. 1

M. C. KELKAR,

Assistant Settlement Officer, Erandol Taluka.

## APPENDIX M.

Showing village, population and area of unoccupied cultivable Government Land.

| - Sorisl <br> No. in <br> dix | Village. |  | Population. |  |  |  | Area of unoceublad ascessed cultivabie Govarnuens land. |  |  |  | Hewarke |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Year 1691.98. | $\begin{aligned} & \text { Year } \\ & \text { 1001-0.8. } \end{aligned}$ | $\begin{gathered} \text { Year } \\ \text { 1011-12. } \end{gathered}$ | $\begin{gathered} \text { Toar } \\ \text { 1916-10. } \end{gathered}$ | $\begin{gathered} \text { Year } \\ 1692-6 \mathbb{1} \end{gathered}$ | $\begin{gathered} \text { Yobr } \\ 190 \mathrm{H}-H . \end{gathered}$ | Year 1011.12 | Tenr 1818.10. |  |
| 1 | 2 |  | 8 | 4 | 5 | 6 | 7 | 8 | 0 | 10 | 11 |
| 1 | Arbaal |  | 976 | 965 | 988 | 329 | 6.11 | 6.11 | 6.11 | $6 \cdot 11$ |  |
| 8 | Abire K hurd ... |  | 198 | 200 | 190 | 14 | ... | $\cdots$ | $8 \cdot 30$ | $8 \cdot 3$ |  |
| 3 | Ahire Badrak |  | 108 | 90 | 139 | 197 | $\cdots$ | $\cdots$ | 154 | $\cdots$ |  |
| 4 | Adgaon | ... | 1,594 | 9,075 | 1.754 | 1.934 | 903 |  |  | 4 |  |
| 5 | Anore ... | ... | 480 | 963 | 753 | 664 | $\ldots$ |  | ... | ... |  |
| 6 | Ukhalwadi ... | . | 509 | 259 | 209 | 811 | ... |  |  |  |  |
| 7 | Utrenabir ... | ... | 1.066 | 1.050 | 755 | 1.118 | ... | 15 | 23.95 | 20\% |  |
| 8 | Utrangajar ... |  | 1.424 | 1.900 | 1.210 | 1,484 | ... |  |  | ... |  |
| 0 | Umarde ... | $\cdots$ | \$09 | 149 | 919 | 158 | 45 | 11.30 | $11 \cdot 20$ | $\ldots$ |  |
| 10 | Uraare | ... | 117 | 84 | 147 | 110 | 95 | 85 | 35 | 9 |  |
| 11 | Eklagna Khurd | ... | - 92 | 188 | 65 | 67 | 22 | 12 | ... | ... |  |
| 18 | Etiagna Budruk | ... | b9 | 67 | 109 | 109 | 18 | 4 |  |  |  |
| 13 | Frandol | ... | 18.393 | 11,685 | 13,108 | 11,668 | 18 | 18 | 5 N | $7 \cdot 16$ |  |
| 14 | Anjavilire ... | ... | 99 | 94 | 938 | 584 | $\cdots$ | $\cdots$ | ... |  |  |
| 15 | Anturli Khard | $\ldots$ | 315 | 351 | 470 | 399 | 18.32 | 1432 | 16.32 | 1 H |  |
| 16 | Ambe |  | ... | 0 | © | 100 | ** | ... | $\cdots$ | ... |  |
| 17 | Kadur | ... | 44 | 20 | ... | $\ldots$ | ... | 13 | 13.7 | ... |  |
| 18 | Kadlholi | ... | 1.298 | 1,399 | 1,34 | 1.201 | 157.32 | 12 y /7 | 125 | 120.7 |  |
| 19 | Kameshi ... | ... | 85 | 19 | 18 | 15 | 45 | 88.31 | 50.31 | $89 \cdot 31$ |  |
| 20 | Kalyane Khurd | ... | 376 | 408 | 489 | 454 | ... | -... |  |  |  |
| 21 | Kalyane Budruk | ... | 102 | 181 | 115 | 227 | ... | ... | ... | $\ldots$ |  |
| 22 | Kelyane Eol. | ... | 270 | $2 \times 8$ | 316 | 951 | ... | ... | ... | ... |  |
| 39 | Kavdhal | ... | 287 | 989 | 436 | 397 | ... | ... | ... |  |  |
| 94 | Kasode | ... | 4,155 | 4.069 | 5,149 | 6,119 | ... | ... | ... | . | - |
| ${ }_{25}$ | Kodell <br> Kendari Budruk | $\cdots$ | ... | $\ldots$ | ... | ... | $\ldots$ | $\ldots$ | ... |  |  |
| 26 |  |  |  | ... | 39 | $\cdots$ | $\cdots$ |  |  |  |  |
| 8 | Khadake Khurd | ...i | 902 | 358 |  | \% |  |  | . | ... |  |
| 88 |  |  |  |  | 3 | 3 | $\ldots$ | $\cdots$ | ... |  |  |
|  | Khedake Budrak | ... | 887 | 659 | 880 | 609 | 103 | 108 | 109 | 020 |  |
| 29 |  |  | ${ }^{8} 80$ | 838 | 810 | 434 | 53 | $31 \cdot 37$ | 81.37 | 31.37 |  |
| 30 | Khapat |  | 111 | 91 | 108 | 01 | ... | ... | ... | ... |  |
| 31 | Kherchl Khurd |  | 250 | 311 | 250 | 265 | $\cdots$ | $\cdots$ | . ${ }^{\prime}$ |  |  |
| 32 | Kharchi Budruk |  | 87 | 767 | 908 | 886 | ... | ... |  | $\cdots$ |  |
| 33 | Kharde Khard |  | 52 | 48 | 41 | ... |  |  |  |  |  |
|  |  |  |  |  |  | , | $\ldots$ |  | $\cdots$ | ... |  |
| 91 | Kharde Budruk |  | 877 | 879 | 421 | 580 | ... | ... | ... | ... |  |
| 35 | Khamkhede ... |  | 524 | 299 | 200 | 170 | ... | ... | ... | . . |  |
| 36 | Ehedi Khurd ... |  | 803 | 448 | 558 | 565 | $\cdots$ | $\cdots$ | $\ldots$ |  |  |
| 37 | Garkhede . | ..' |  | 285 | 534 |  |  |  |  | .. |  |
|  |  |  |  | 23 | 302 |  | $\cdots$ | $\cdots$ | .. | ... |  |
| 38 | Galapur |  | 295 | 343 | 278 | 234 | 150 | 70 | ... | $\cdots$ |  |
|  | Gujar Khede ... .. |  | $\ldots$ | ... | ... | ... | -23 | 22 | 22 | -2.3 |  |
| 40 | Gangapuri Khurd ... |  |  |  |  |  |  |  |  |  |  |
| 41 |  |  |  | ... | ... |  | 27 | 16 | $\cdot 32$ | 32 |  |
|  | Gangapuri Budruk |  | 252 | 309 | 820 | 18 | ... | ... | ... | ... |  |
| 42 | Gondegaon ... |  | 35 | 48 | 29 | 12 | ... | ... | ... |  |  |
| 49 | Chamgana ... | $\ldots$ | 966 | 301 | 251 | 961 | 47 | ${ }^{\prime} 4$ | ${ }^{-1}$ | $\cdots$ |  |
| 44 | Chavalkhede... |  |  |  |  |  |  |  |  |  |  |
|  | Chavaknedo... |  | 207 | 186 | 210 | 180 |  | ... | 9.6 | 00 |  |
| 45 |  |  | 654 | 417 | 455 | 293 |  | ... | ... | ... |  |
| 46 | Chortakki ... |  | 149 | 90 | 139 | 132 | 61.35 | 77.9 | 613 | 61.35 |  |
| 47 | Chandsar Budruk |  | 1,455 | 1,326 | 1.32\% | 1.363 | ... | - ... | . | i |  |
| 48 | Chandsar Ehurd . |  | .. | ... | ... | ... | 47 | 16 | $4 \cdot 10$ | ... |  |
|  | Chinchpure Pr. Erandol. |  |  |  |  |  |  |  |  |  |  |
|  |  |  | $\cdots$ | ... | $\cdots$ | $\cdots$ | ... | $\ldots$ | ... | ... |  |
| 50 | Chinchpure Pr. Chandsar. |  | 219 | 196 | 271 | H2 | ... | 6.9 | - ... | ... |  |
|  | Javashede Pr. Utran ... |  | 773 | 648 | 638 | 736 |  | $7 \cdot 19$ | 7.19 |  |  |
| 59 | Javakhede Pr. Erandol |  | 448 | 148 | 400 | 535 |  |  |  | $\ldots$ |  |
|  |  |  |  |  |  |  | $\cdots$ | $\cdots$ | $\cdots$ | ... |  |

APPENDIX M-continued.


APPENDIX M-continued.


APPENDIX M-continued.


APPENDIX M-concluded.


APPENDIX N.
The following selections contain the existing correspondence relating to the current settlement:-

No. COXXXIX-New series, for 227 villages.
No. COXLIII-New series, for Ringangaon village.

> No. S. R. V.-1.

From

G. MONTEATH, Esq., I.C.S.,<br>Collector, East Khandesh.

To

> The Commissioner, Central Division.

Jalgaon, 1st October 1919.
Sir,
I have the honour to forward Mr. Kelkar's proposals for the Second Revision Settlement of the Erandol taluka of East Khandesh, as now constituted.
2. Mr. Kelkar who knows the area reported on thoroughly has written an excellent report, in which I find nothing to criticise. The grouping oould not be further simplified, and the proposals for maximum rates seem to be amply justified by the statistics-clearly and carefully aualysed as they arerelating to prioes and land values. The steady increase in prosperity of the taluka is convincingly shewn, and with the precedents of Chopda, Amalner and Parola before me I have only to recommend sanction to the proposals as they stand.
3. I would in addition respeotfully invite attention to the care and intelligence with which the evidence has been examined and the lucidity with which the results are presented.

> I have the honour to be, Sir, Your most obedient servant, G. MONTEATH, Collector, East Khandesh.

Through the Settlement Commissioner, Poona, with compliments.

> Delıw No. S. R. V.-1 of the 1st October 1919 from the Collector of East Khandesh.

No. S. T.-213.

Forwarded with compliments.
2. Thie area under re-settlement forms but one group and the facts enumerated in the report and its appendices establish it conclusively that the assessments throughout the taluka may fairly be increased by 33.3 per cent. In these oircumstances, since several similar talukas of the same district have recently come under discussion, I do not think it necessary to criticise details in the report, or to enumerate features of the eoonomic condition which have already been remarked on in recent reviews. I agree with the proposals. There is no patasthal bagayat; and motasthal bagayat is to be assessed as if it were dry crop of the same classification value. No inam village is now being brought under revision settlement. The report is clear and careful.
3. The re-classification referred to in paragraph 6 is being done.
A. MACKIE,

Ag. Settlement Commissioner and Director, Land Records.

Below No. S. T.-213, dated 3rd November 1919, from the Settlement Commissioner and Director of Land Fiecords.

No. A.-2610-425 of 1919.
Poona, 21st November 1919.

- Submitted to Government in the Revenue Department.

2. Mr. Kelkar has submitted an interesting report which however is somewhat lengthy and discursive.
3. The villages were last settled in 1889-90.
4. The question is whether the taluka has materially improved. I find that since the last Settlement the Jalgaon-Amalner Branch which was extended to Surat by the Tapti Valley Railway passes through the centre of the taluka: that road commuvications have improved: that the selling value of dry crop lands has risen from 30.84 times the assessment in 1889-98 to 43.13 in 1899-1909 and to 93.13 times in 1909-18. The lands in Parola villages have similarly risen in value: that leases in 1899 to 1907 were 3.37 times the assessment and in 19()א-18 5.09 times: that irrigation wells have increased from 1,161 in 1889 to 1,993 in 1904 and to 2,867 in 1918 . I consider these figures alone show that the nfaterial prosperity of the taluka bas considerably increased. The present maximum rate is Rs. $2-10-0$ per aore which can easily be raised. The District Deputy Collector proposes to increase the rates by 33 per cent. This I consider reasonable in view of the above facts and I recommend the increase proposed.
L. J. MOUNTFORD,

Commissioner, C. D.

Revenue Survey and assessment, East Khaindesh.

Second revision seitlement of the Erandol tálaka.

## GOVERNMENT of BOMBAY.

## Revenue Department.

- ${ }^{-}$

Resolution No. 1601.
Bombay Castle, 28th May 1920.
Memorandum from the Commissioner, C. D., No. A.-2610-425 dated 21st November 1919 -Submitting, with his remarks, the papers specified below containing proposals for the second revision settlement of the Erandol taluka of the Kast Khandesh district.
$\cdot$ Letter from Mr. M. O. Kelkar, Assistant Zettlement Officer, Fast Khándesh, No. R.S.- 80 dated Srd Septembor 1919, with accompanimente. Letter from the Collector of East Khandesh No. S. R. V.-1 dated Ist October 1919. Memorandum from the Settlement Commissioner and Direotor of Land Records No. S. T.-213 dated Srd November 1919.

Memorandum from the Commissioner, C. D., No. 2610-425-A.-1919 dated 16th March 1920-Sabmitting, together with a memorandum from the Settlement Commissioner and Director of Lisnd Records, No. S.T.-213 dated 27th February 1920, a letter No. S.R.V.-1 dated 10th February 1920, from the Collector of East Khandesh who forwards petitions of objections from the villagers of the Erandol táluka.

Resolution.-These papers contain proposals for the second revision settlement of 186 villages of the Erandol táluka and 32 of the Parola táluka.
2. The Assistant Settlement Officer's report indicates that the material prosperity of the tiluka has greatly increased. The proposed rate of Rs. 3-8-0, which imposes the full $33 \frac{1}{8}$ per cent. increase upon the present assessment of the taluka, is therefore sanctioned.
3. The revised rate should be introduced in 1919-20, levied from 1920-21 and guaranteed for a period of thirty years.
4. The petitions of objections do not disolose any grounds which would lead Government to modify the orders now passed.

H. F. KNIGHT, Under Secretary to Government.

To

The Commissioner, C. D.,
The Collector of East Kbúndesh,
The Settlement Commissioner and Director of Land Records,

The Director of Agricultare, The Accountant General, The Public Works Department, The Government of India (by letter).

No Revised Appendix L necessary as Settlement Officer's proposals are sanctioned.
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