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No. Genl.-873 of 1916.
Erom

# C. N. SEDDON, Esqulre, I. C. S., Acting Commissioner, Central Division; 

To

# The CHIEF SECRETARY то GOVERNMENT, Revenue Department. 

Poona, 17th June 1916.
Sir,
I have the honoar to submit Mr. Garrett's Second Revision Settlement Reports for the Párner and Nagar Talnkas of the Ahmednagar District. They have been prepared from notes left by Mr. Hey whose health broke down before he could finish his work. Mr. Garrett has dealt with the matter very capably and deserves the commendation of Government. It is a very fortunate thing that he was available. The opinions of Messrs. Mead and Bell acoompany.
2. Párner has now four groups rated at Re. 1-14-0, Be. 1-10-0, Re. 1-8-0, Re. 1-6-0 and Nagar three at Re. 1-10-0, Re. 1-8-0 and Re. 1-6-0. Ranjangaon in Párner is rated by itself at Re. 1. Mr. Garrett forms three groups in Párner at Rs. 2-2-0, Rs. 2 and Re. 1-14-0, and two in Nagar at Re, 1-14-0 and Re. 1-12-0. These proposals have been accepted by the Collector; in fact they were sutygested after consultation with that officor. But Mr. Bell thinks that Nagar might perbaps retain its original three groups, and urges that the rates proposed are too high. He accepts the Parner grouping; the proposals seem to me correct and they may be approved. As for Nagar I find there is a good deal of force in what Mr. Bell says. - I am not at all convinced that the proposed grouping is better than the present. The proposals produce consider- . able rises in certain villages-from the old third group to the new first. I adhere to the opinion I have given in regard to certain other talukas-there is no sufficient reason for any alteration, and the balance of advantages lies in leaving things alone. I am not persuaded that there is no profit in being near the great market of Ahmednagar; and it seems perfeotly sound to put the oity and the villages round it in a higher group than others. In any case with three groups at present differing in ratesiby two annas only no case is made out for change.
3. On the question of the rates' again I am inolined to agree with Mr. Bell. Moderation is very desirable in these dry tracts. The proposals for the eastern parts of Junnar, Purandhar and Haveli, and the orders passed on Sirur, recognize the need for eaution. A rise of nearly 30 per cent. in Parner and of $25 \frac{1}{2}$ per cont. in Nagar is perhaps rather more than we should look for. And one cannot agree to an inorease of the assessments at Ranjangaon by 70 per cent. I reoommend that the rates for Parner be as suggested by Mr. Bell, viz.o Rs. 2, Re. 1-14-0, Re. 1-12-0; and that the Nagar groups be left as they are and their rates raised by 4 annas all round to Re. 1-14-0, Re, 1-12-0, and Re. 1-10-0. This leaves Ranjangaon in the Párner Taluka to be rated at Re. 1-12-0 in plece of Re. 1 as at present. The change will bring the increase-as may be seen from Mr. Garrett's paragraph 72-below the 66 per cent. limit; and though I do not like an increase well over 50 per cent., it is not easy to see how it can be avoided and I would accept the assurances of the Collector that the increase can be borne.
4. I agree with the Settlement Officer's proposals as regards patasthal. For reasons given elsewhere I do not agree with Mr. Bell that "the water cess on each pathasthal namber should bs diminished by the same amount as the soil
sharenef the combined assessment is raised." The land should have its jurayat assessmente"s if it were dry orop land, and a fixed rate should be oharged for the water. In the case of these two semi-precarious talukas the water charge itself may remain as it is. If there is no water we con remit.
5. I would accept the proposals made regarding the grouping of inam villages in Párner. With regard to Nagar the villages should go into their proper groups as far as possible:-

| Nandgain | II at | Re. 1-12-0. |
| :---: | :---: | :---: |
| Nimblak | II | 1-12-0. |
| Kedgaon | I | 1-14-0. |
| Sonewadi | II | 1-12-0. |
| Chas | II | 1-12-0. |
| Baburdi Ghumal | .II | 1-12-0. |
| Walki | II | 1-12-0 |
| Hivre | III | 1-10-0. |
| Ambulwadi | III | $\therefore 1-10-0$. |
| Pimpalgaon Ujani | II | 1-12-0 |
| Devgaon | II | 1-12-0. |
| Ragho'Hivra | II | 1-12-0 |
| Karanji | 1 I | 1-12-0. |

All the villages, except Kedgaon, get by this arrangement slightly less inorease than has been proposed. It amounts generally to a reduction from Group I to Group II, and is fair and necessary if we are to keep the present groups.
6. The or iginal settlement of four villages in the Nagar Taluka presents difficulty beoause of their bagait lands. The sarvey settlement principles are to be followed, but the rates have to be modified so as to seoure the Inamdars from loss. In the case of Jamb this must be done by imposing a special high rate of Rs. 2-2-0. I see no help for it. Similarly $A$ kolner must spparently be rated at Rs. 2. Takli Kazi and Nagar Dévli present a problem whioh we cannot solve except by allowing a special motasthal rate. This is contrary to our principles, but we must abandon these principles for we cannot otherwise save the Inamdars from loss. It is no use being pedantic about the matter. I entirely agree with what Mr. Bell writes, and with the proposals he makes in his paragraph 9.
7. The pátasthal proposals-for Inami villages in both talukas-may be sccepted. The orders of Government are that we should "provide for remission whon the supply of water fails ".
I bave the honour to be,
Sir,
Your most obedient servant,
C. N. SEDDON,
Actiog Commissoner, Central Division.

## Revenas Survey and dosessnent.

Ahmednagar.
Second revision settlement of the Parner and Nagar táluluas.

## GOVERNMENT OP BOMBAY

## Reveinue Dhpartmbint

Resolution No. 6729
Bombay Castle, 7th July 1916.
Letter from the Commissioner, C. D., No. Genl.-878 dated 17th Jane 1916—Sub-

- Lettor trom Mr. J. H. Garrott, I. C S., Asvistants Settlement Offear, mitting, with his remarks,

Ahmedragar, No. $8 .-393$ dsted 2tad May 1918 . Memoramdom from the Collector of Ahmeinagar Fo. L.N.D.-79
deted gad June 1916.
Becords No. 8 T.-81 deted 12 th Jume 1918
Becords No. 8 T.--81 deted 18th June 1916.
Lettar from Mr. J. F Garrett I.O.S., Assistans Settlement Offlex, Ahmednagar, No. 8 - 396 dated 2ad June 1916.
Memorandum from tise Collector of Ahmednagar No. L.N.D.- 81 lated 3 rd Jane 1916
Letter frow the Settiement Commissioner and Director of Land Eecords No. S.T.-80 dated 12th Juna 1916.
the papers specified in the margin, containing proposals for the second revision settlement of the Parner and Nagar talukas of the Ahmednagar district.

Resolution.-These papers refer to proposals for a second revision settlement of the Párner and Nagar talukas of the Ahmednagar district.
2. The proposals of the Assistant Settlement Officer were elaborated in close cohsultation with the Collector and have been accepted in toto by that officer. In each taluka the number of groups is proposed to be reduced by one by amalgamating the topmost group which in Párner consists of one village and in Nagar of 16 villages round the city of Ahmednagar, with the group next below. In Párner the further changes made are that ten villages at present in group II are combined with 25 villages of existing group III and one of existing group IV to form new group II, while the new group III will comprise 22 villages of group III and 7 of group IV as now existing, together with the villagenof Ranjangaon which being a lapsed inám village was not previously included in any of the recognised groups. In Nagar it is proposed to include the bulk of the villages into group I, viz., the 16 villages of group I already referred to, the whole of group II (57 villages) and 21 villages of group III; while new group II will comprise nine villages lying on the Shrigonda border. The proposed group-- ing in Párner whioh is based mainly on climatic considerations and to a lesser degree on the state of communications is accepted by the Settlement Commissioner and the Commissioner and is approved. With regard to the Nagar táluka the Settlement Commissioner is inclined to think that the district officers have discounted unduly the advantages of proximity to the large market of Ahmednagar city. He therefore suggests for consideration the propriety of rataining group I and of adding to the lowest group a few villages in the south of the taluka. The Commissioner is of opinion that no change at all should be made in the existing grouping. This however would cause an anomaly between the rating of the villages in the north-east of the Nagar táluka with those just across the border in Páraer. On full consideration Government consider that the central group of 16 villages in the"Nagar taluka should be retained as group I and that the remainder of the grouping should be as proposed by the Assistant Settlement Officer, viz., 78 villages in group II and 9 in group III.
3. The Assistant Settlement Officer recommends an enhancement of the assessment in both talukss. His recommendation is based on the rise in the value of lands as indicated by sale prices and rents atd on the increase in the prices of agricultural produce which are now at least 40 per cent. in, excess of those prevailing at the beginning of the settlement period. In Parner the rain-- 851 - 19
fall is on the average more seasonable than in Nagar and the Collector shows that it is also rather heavier. The facts brought out in the report indicate that Parmer is a more favoured táluka than Nagar and this is allowed for in the rating proposed which is as follows:-

|  |  |  |  | Re. a. |
| :---: | :---: | :---: | :---: | :---: |
| Párner | ... | Group I |  | 22 |
|  |  | Group II |  | 20 |
|  |  | Group III | .. | 114 |
| Nagar | ... | Group I | ... | 114 |
|  |  | Group II | ... | 112 |

The Collector is of opinion that these rates are cautiously conceived and may be accepted. The Settlement Commissioner, on the other hand, after a careful and illuminating review of the revenue history of the talukas and a comparison with the conditions and rating in the adjoining tálukas, suggests a caution in the application of the theory that the enhancement of assessment might justifiably be in proportion to the increase in prices. He recommends a reduction of two annas in the proposed maximum rate of each group. The Commissioner supports this recommendation so far as the Párner táluka is concerned, and proposes that the rates for the Nagar taluka should be Rs. 1-14, Rs. 1-12 and Rs. 1-10. The Commissioner's proposals are approved and the following rates are sanctioned :-
$\left.\begin{array}{lllll} & & & & \text { Rs. a. } \\ \text { Parner } & & \text { Group I } & \ldots . & 2\end{array}\right]$
4. The Assistant Settlement Officer recommends that no increase should be made in the pátasthal rates. The Settlement Commissioner, however, points out that if, as the Assistant Settlement Officer apparently intends, the land share of the assessment is enbanced under the increased maximum jirayat rate, the combined pátasthal rate will not remain the same as before, . He is of opinion that for pátasthal of the poor and precarious quality now in question the combined rate is already sufficiently high and recommends that the water share be reduced by an amount equal to the enhancement of the jirayat share. The Commissioner opposes this proposal and Government accept his view which is based on the ground that the supply of water available is adequate in the pats which are still subject to water assessiment, and that remission will be granted when water fails.
5. In Párner the inám villages present no difficulty and, as recommended by the Assistant Settlement Officer, should be included in the appropriate groups. The same is the case also with 13 of the inám villages in the Nagar táluka which should be rated as proposed by the Commissioner in paragraph 5 of his letter. There remain the four villages of Jamb, Nagar Devli, Akolner and Takli Kazi, into which the survey settlement is being introduced for the first time. In each case if the villages were rated with the groups to which they naturally belong, the revenue will be much less than what the inámdár has been accustomed to receive. This is mainly due to the high rates at present levied on bágáyat land and to the large proportion of bagáyat land in one of the villages. With regard to three of the villages there is a consensus of opinion as to the best course to be adopted in order to fulfil the promise to the inámdars that the survey settlement will secure to them at least the same revenue as before. Jamb should be rated at Rs. 2-2 without a motasthal rate. Nagar Devli and Takli Kazi should be rated at Rs. 1-14, with special bágáyat rates of Rs. 7-6 for Nagar Devli and Rs. 3 for Takli Kazi. For Akolner the Assistant Settlement Officer suggests two alternatives, of which the Collector supports one and the Settlement Commissioner and the Commissioner are in favour of the other. It is desirable to dispense with a special motasthal rate if possible and the rating of Rs, 2 recommended by the Settlement Commissioner and the Commissioner should be adopted.
6. The pátasthal proposals for.the inám villages are approved.
7. The revised rates should be introduced in the ourrent revenue jear 1915-16, levied in 1916-17 and guaranteed for a period of thirty years.
G. A. THOMAS,

Deputy Secretary to Government.
G. R. No. 6729, R. D., dated 7th July 1916.

To
The Commissioner, C. D.,
The Collector of Ahmednagar,
The Settlement Commissioner and Director of Land Records,
The Director of Agriculture,
The Accountant General,
The Public Works Department of the Secretariat,
The Government of India (by letter).

## REVISED APPENDIX Q.

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REVISED

- Effect of Revision Sétlemeat Prcposale on Qarernment Occupied


APPENDIX $Q$.
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$\triangle P P E N D L X Q$-eonchuded.


V. B. MA RDHEKAR,

Superintendent, Land Records, C.D.

Effect of Revision Sotllement proposale on Government occupical


## APPENDIX Q (inam Villages).

land in inam villages in the Parner Tazulua of the Anednagar Collectorate.

V. B. MARDHEKAR,

Spperintendent, Land Recerds, C. D.


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From

J. P. BRANDER, Esquibe, I.c.S., Assistant Settlement Offcer, Eastern Tálukas, Ahmednagar; To

Taf COLLECTOR of AHMEDNAGAR.

Camp Ahmednagar, 22nd September 1915.

Sir,
I lave the honour to submit proposals for the second revision settlement of Shergaon tálaka, which includes Páthardi Mahál, of Ahmednagar District.
2. In this report the expressions Shevgaon, Shevgaon táluka and the táluka mean the táluka plus the mahál, while Shevgaon táluka proper, Shevgaon proper and the táluka proper mean the táluka without the mahal. The expressions old Shevgaon and old Shevgaon túluka mean Shevgaon táluka prior to 1913, the Shevgaon táluka of the first revision settlement roport.
3. Old Shevgaon táluka consisted of 160 Government and 28 inám - villages. In 1013 Páthardi Mabál was created, receiving 46 Government and six inám villages from old
overnment and two inám villages from Jámkhed táluka.
Constutution of the taluka. Shevgaon taluka and 16 Government and two inám villages from Jámkked táluka.
Shevgaon táluka proper received 10 Government and four inam villages from Shevgaon taluka proper received 10 Government and four inam vilages from
Nevása taluka. So now Shevgaon táluka proper has 124 Government and 26 inám villages. Two of the latter are unsurveyed. Páthardi Mahál has 62 Government and 8 inám villages. The total villages for revision are thus 186 Government and 32 surveyed inim. The inám villages are dealt with at the end of this report. The 10 Government villages transferred to Shevgaon taluka proper from Nevása táluka, and the 16 Government villages transferred from Jámkhed táluka to Páthardi Mahál are in this report called the old Nevása and old Jámkhed villages respectively. The facts and figures in this report relate to the 186 Government villages only unless where stated otherwise.
4. The first revision settlement of old Shevgaon táluka was introduced Settioments. - in 1884-85 and expired in 1913-14, that of the old Settloments. Nevísa villages was introduced in 188.j-Ef and expired in 1911-12, that of the old Jamkhed villages including one village, Sirasmarg, then inam, now Government, was introduced in $1886-87$ and expires in 1915-16. (Vide Appendix S.)
5. The details of measurement and olassification of the 160 old Shergaon

Measurement and Clasalication. villages are given on pages 2, 3 and 80 of Government Selections CLXVII. In the original settlement two classification scales had been used, one for 104 villages settled from 1851-52 to 1858-59; the cther, that of the Joint Report, for 56 villages settled in 1868-69. The lattor scale has a lower set of values for the poorer soils. It was applied by experienced officers and at a time when the capabilities of soils were more accurately determined. So, at the revision settlement the classification of these 56 villages was retained untouched. The 104 villages settled from 1851-52 to 1558-59 were reolassified and a new soale applied, which, as compared with the Joint Report scale, eased the values of the 7th, 8th and 9th classes each by 6 pies and provided a 10 th class for the poorest soil. The same seale was applied to the old Nevása and old Jámkhẹd villages. These were entirely reclassified. Vide pages 2 and $6 \bar{x}$ of Government Selections CCLX and pages 2 and 87 of Government Selections OLXXXIII. The lowered scale assesses lightly the poorer and shallower soils, irretentive of moisture and unable to support their orops during protracted breaks in the rains. There are thus two classification seales in the villages under revision. But in view of the small differenoe between the two, also the present high values of land, the difference is negligible.
i 1108 -1
6. The value of good land as measured by sales and rents in multiples

Olassification of superior soils. * of the assessment has generally increased in a much greater proportion than that of inferior land. Thus the assessment is not in proportion to the value of the land. The policy of assessing the better soils lower proportionately than tho poorer soils is stated on page 19, Part II, of Volume II, Burvey Manual, to have been meant to encourage oultivators to turn labour and capital preferentially on to the better soils. This object having been attained, this preferential rate was apparently given up in the Southern Marátha Country and a scale increase of bhág annas made on the better soils. No suoh seale increase was used in the Shevgaon classification. Deccan rates being light, the assessment does not bear heavily on the poorer soils. The better soils however could have stood a heavier assessment than the present elassification gives. This is obvious both from sale and rental values and from the fact that a village prosperous because of good soils is often found side by side with another village much inferior because of poor soil. In practice different maximum rates can seldom be applied to the tro villages. A partial rectification of the anomaly would be to throw the revision enhancement entirely on the better soils only. But considering the prosperity of Shergaon, the enhancoment to be proposed is light and can be borne easily by all soils, so no need for this course arises.
7. Some villages with heary soils have suffered more from the bad years than those with medium soils. Heary soil requires
Economic effect of dufferent soils. heavy rain to penetrate it, though with such it yields fine crops. It is also heavier to work. Medium soil produces with less rain ${ }_{a}^{\pi}$ and yet is retentive of moisture. Heavy rain has been deficient in some years. One finds cases where a medium soil village has much less debt and more cattle, and is markedly better off than a neighbouring village with heavy soil. This difference cannot be adjusted either by elassification or grouping. Again, villages with poor thin soil suffer more from breaks in the rains. This is allowed for in the classification ; but clearly no method of classification can fully compensate for such a defect. Eren abolition of assessment would not improve the economic position of such villages much.
8. The area of the taluka proper is 473 , that of the mahal 368 , in all 841 square miles. The taluka proper forms the northern, the mahal the southern portion. Shevgaon lies in the north-east corner of Abmednagar district.

## Area, presithon and physical febtures.

 Nevasa taluka forms the western, and part of Nagar táluka the south-westboundaries. On the north, east and south, Shevgaon borders on the Nizam's boundaries. On the north, east and south, Shevgaon borders on the Nizam's
Dominions, the river Godávari forming the nothern boundary. The old Jámkhed villages in the south form peninsulas jutting out into, or islands surrounded by the Nizam's territory. The most easterly are two days' journey from Pathardi town. On the south a high range of hills, with one peak of 2,822 feet, separates the mahál from the Nizam's country and includes some highlying villages. These have excellent rainfall. The centre and east of the mahal have many hills, out-crops of the southern range. The villages here lie in valleys or wide plains between the hills and have good rain. The isolated villages in the far east are in level country. Their rainfall is good. The hills extend north into the south-east corner of Shergaon proper, affording good rain to the villages in and near them. The remsinder of the taluks propar and the west of the mahál are level or gently undulating country enjoying a rainfall somewhat less than the above, but still good compared with most of Almednagar district. The general drainage is north into the Godávari, the ohief tributary of which is the Dhor. The Dhor and some of the smaller streams are stated in the last settlement report to be perennial, but nowadays they cease to flow by the cold weather: The average soils is good and retentive of moisture. The Dhor valley villages, those in the centre of the talaka proper, and those near the Godavari, have deep black soil. Here and there are patches of thin soil, "mal" land. A few villages south of the Shevgaon-Bodhegaon road have thin poor soil. Near most village sites there are good trees in cultivated lands. There are 36,205 acres of pasture forest. This has mostly no trees, and the trees that exist are of small size and value.
9. The climate is dry and healthy and hot in the summer.
10. When the current lease began the taluka hatd only two made roads: one provincial, from Paithan in the Nizam's Dominions
Comnanicstionar ${ }^{v i}$ Shevgaon and the Imámpur Glaut to Ahmed. nagar; the other (Local Fund), from Shevgaon vif Tisgaon and the Karanji Ghaut to Ahmednagar. These roads are on the west side of the taluka. The old settlement report mentions some fair weather roads, but these can only have been cart-traeks, Great developments have occurred during the lease. The Ahmednagar-Tisgaon-Shergaon road, excellent but involving considerable hill olimbing and steep gradients, has had Rs. 50,000 spent on it in the ten years ending 1912. A good metalled road mentioned in the settlement report as being then under construction connects Pathardi town with Tisgaon, and gives the trade of the mahal access to Ahmednagar. In 1900-01 this road was extended nine miles east of Páthardi to Chinchpur Ijda. This has greatly stimulated cart-traffic. In the north sin excellent metalled road has been made connecting Shevgaon with Nevása ( 25 miles). This road has been extended east to Balamtakli. Much traffe, loeal and from the Nizam's territory, goes by this section to Ahmednagar. The tiluka is mostly level and has many tracks which are quite good in the fair weather when produce has to be moved. Thus Shevgaon is extremely well provided with tracks and good roads.
11. Roads made in other talukas shortiy before or during the carrent lease have also benefited Shevgaon. About 1884 a road from Khospuri at the foot of the Imampur Ghaut was lined out giving Shevgaon a made road to the nearest railway station (Vambori). A metalled road was made between Belápur railway station and Nevása. Its continuation to Shevgaon has been mentioned.
12. The main railvay station for Shevgaon is Ahmednagar, distant 44 miles from Shevgaon town, 33 from Pathardi town.
Ballwaya.
Vambori station ( 37 miles from Shevgaon town) is used to some extent. A railway from Belápur station to Nevása and Shergaon and eastwards towards the Nizam's territory is under contemplation. It will greatly develop the taluka and attract much traffic from the Nizam's territory south of the Godávari.
13. The following are the figures for the last three years of toll farms for two local fund roads:-


The former road has one of three toll nákás in Nevása táluka, and part of the traffic is local Nevása traffe. The other road has one náka in Nag̣ar táluka, but nearly the whole trafic is from Shergaon taluka. The figures indicato a large and growing traflic.
14. Appendix A gives the rainfall at Shergaon town for 11 years 1904-.. Appendices $A, A^{1}$ (Rainfall). $\quad 1914$; Appendix $A^{1}$ that at Pathardi town for 1914. inolude tálukas of less rainfall than Shevgaon, and so appear unduly pessimistic if applied strictly to Shevgaon. The taluka has for the Deocan a very good rainfall, superior to that of the other talukas of the district except Akola, as the following statement shows:-


The taluks is a long way to the east of the precarious central Deccan belt represented by the line of thes Dhond-Manmár Railway, and lies more towards the Khandesh and Hyderabad region of greater rainfall. That the rainfall gets heavier towards the east, the following figures of the Nizam's talukas east of Shevgaon show :-


The rainfall of most of the Páthardi Mahál is even superior to that of the taluka proper, owing to the high hills in the south and the hills in the centre and east of the mahál. In the far east of the mahal running streams and green grass are evidence of more abundant rain. Shevgaon had fair rainfall most of the famine years, and so did not suffer to anything like the same extent as other tálukas. The difference between its rainfall and that of neighbouring Novasa táluka in the famine years is most marked, as the following figures show:-

| Years. |  | Novíasa. |  | Shevgaon. |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Inches: | cents. | Inches. | cents. |
| 1896 |  | 16 | 4 | 24 | 26 |
| 1899 |  | 12 | 16 | 18 | 23 |
| 1900 |  | 12 | 73 | 20 | 8 |
| 1905 |  | 10 | 0 | 14 | 9 |
| 1911 |  | 16 | 20 | 20 | 48 |
| 1912 |  | 15 | 37 | 10 | 3 |

In five of these six years Shevgaon had a much larger rainfall than Nevass,
In four out of the 11 years 1904 to 1914, viz., 1904, 1905, 1912, 1913, rainfall has been below the general average. In 1912 the failure was great, resulting in famine conditions. The distribution and regularity of rainfall, however, are more important than the total annual amount received. Thus 1913 was a good year, though the rainfall was below average. Exoessive rain, such as $45^{\circ} 40$ inches in 1910, is injurious, untimely rain, such as the ante-monsoon 467 inches in 1909, is useless, and both such swell the annual average and require to be discounted. Appendix A shows that Shevgaon in most of the eleven years had good and regular monsoon kharif rain, so important for the cotton crop. The monsoon rabi rainfall has been less than the monsoon kharif and muoh more variable.
15. On the vexed question whether rainfall is less nowadays than formerly, figufes are instructive. At first sight the rainfall seems to be less. - Patasthal has entirely disappeared for many years. The streams referred to in the settlement report as perennial are now dry even in the cold weather. The water level in wells is low, and many wells are out of use. The people say the rain is less. Going baok as far as statistios are available, the following are the
figures for Shevgaon:-
-


Thus the decade before the settlement was one of abundant rainfall. This accounts for the settlement officer finding perennial streams and much patasthal. The first decade of the settlement was one of excessive rainfall and streams and pats must have run better than ever. The second decade incladed the famine years and had much less rainfall, though the average, $24 \cdot 18$ inches, was quite good. During this decade patasthal disappeared, and streams ceased to be perennial. The third decade had three years of short rainfall and had a still lower. average. The ryot, contrasting the present state of things with that of twenty or thirty years ago, rightly holds that the rainfall now is much less than then. Yet by going far enough back we can see that there is no ground to suppose that the general tendency of the rainfall is to diminish. The average for the thirty years of the settlement $25 \cdot 23$ inches, is higher than that of the 23 years before the settlement, and that of the last decade 1905-1914, 22.49 inches, is higher than that of the 13 years 1862-63-1874 22.34 inches. Thus a cycle of reduced rainfall occurred in 1882-63-1574, and again in 1905-1914. The condition of atreams and páts from 1862-63 to 1874 must have been much like the present. The patasthal water-rate of the original settlement Rs. 718 (160 villages), compared with that of the revision Rs. 4,081 , is evidence to the same effect, There is thereiore every reason to beliere that as in the past so in the future cyoles of heavy rainfall will re-ocour, alternated by oycles of less rainfall. Similar facts and reasoning probably apply to the Deccan generally, and the common belief that the Deccan is gradually drying up appears erroneous and based on too slort a view.
16. Appendix B shows crops from 1903-04 till 1912-13 for the 160 old , Shevgaon villages; Appendix $B^{1}$ the average crops Appondices B, B1. Cultivation and cropg, for 10 and 6 years for the old Nevása and old Jámkhed villages respectively, without yearly details, there being no important variation from year to year. For the total 186 villages the average areas in acres and percentages of each main class of crops on the gross cropped area are as follows for the years 1903-04 till 1912-13 :-

| Gross cropped area. | Corcale. | Pulba8. | Oil-seeds | Cotton, | Fallow. |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | 2 | 3 | 4 | 5 | 6 |
| Acres. $321,404$ | Acres. $294,402$ | Acres. 31,963 | Acres. $18,484$ | Acres. $42,702$ | Acres. $49,597$ |
| ***** | $69 \cdot 8$ | - 0.9 | $5 \cdot 7$ | 13.2 | ** |

The above crops make up 98.6 of the gross cropped area. Bajni, $39^{\circ}$ per cent. is the largest orop; next comes jowari, $26 \cdot 8$. Cotton is $13 \cdot 2$, math and kulthi with 18,353 acres are 5.8 , wheat with 9,698 acres is 3 , safflower $2 \cdot 7$, gram $2 \cdot 1$, sesame $1 \cdot 8$, tur $1 \cdot 1$, linseed 8 per cent. The area of superior crops like tobacco and sugarcane is small. Figures for comparing the crops of the 180 villages at the settlements and now are not available, but for the 160 old Shergaon villages they are, as follows :-

160 rillages.


H $1108-2$

In the old settlement report orop percentages included fallow, so far comparison writh present figures, they have been calculated excluding fallow. The marked feature is the great deorease in cereals since the settlement and increase in the more valuable erops, such as pulses, oil-seeds, and cotton, eapeocially the latter. The above table does not folly reveal the increase. The ootton average for the last ted years has been much lowered by the occurrence of two or three famine years, whereas from 1879-80 to $1883-84$ there was no famino. The great variations in cotton area from year to year are mainly due to the nature of the rain in early June. When good rain occurs, the cultivators, encouraged by high rates, sow as much cotton as they can. In 1914-15 the area in the 160 villages was 27 per cent. the highest figure yet reached, equal to thrice the average of the period $1879-80$ to 1883-84. For the total 186 villages the cotton area in 1914-15 was 34 per cent., for the taluk proper, 18 for the matail. For the 16 villages wheat has decreased slightly from 3.6 per cent. in 1879-80-1883-84 to $8 \cdot 27$ in 1903-04-1912-13. Appendix $\mathrm{B}^{1}$ calla for no special remark, except that the old Jámkhed villages are seen to grow more pulses and less cotton and oil-seeds than the other villages.
$\because \quad 17$. For the total 186 villages the area actually irrigated at the settleGurden arope ments and now cannot be compared for want of old data. The following figures and remarks apply to the 160 old Shevgaon villages. As Appendiz $B$ and the following table show. the irrigated ares varies:greatlyè in different years :-


The settlement offioer classified 12,474 acres as garden, of which 630 were pure patasthal, 1,307 under páts and wells combined, and 10,536 under wells. The survey practice was to add to the area actually irrigated one-third as rotation area. So the net area irrigated at the settlement excluding pure patasthal would be 8,883 acres. The area irrigated by wel's expanded in 1911-12 to 11,298 acres, an increase of 27 per cent. on the settlement figure. In the last decade the irrigated area has been greatest in a famine year or the year succeeding it, when fodder and grain were required to make up depleted stocks. Well irrigation. nowadays has even for those possessing wells become of quite secondary importance oompared with cotton. The profits from cotton are greater, and the expense and trouble less. Cattle, mots, labour have increased in price, manure is searcer, so well irrigation is not so profitable. In many villages few or no wells have worked this year for the above reason, though water was admitted to be sufficient. The water level too owing to reduced rainfall in 1911, 1912, 1913 is no doubt considerably reduced in many villages. To sum up, well irrigation is no longer the main resource of the taluka, but only a stand-by, though a very important one in famine years. When used, it is thee ordinary crops, cereals, etc., that are chiefly irrigated. The increase of 27 per cent. on the settlement figure in 1911-12 is remarkable.
18. Patastbal was abolished by Government Resolution No. 2759, dated 15th March 1907, Revenue Department, in old Shevgaon, Petethal. Naréh 1907, hevenue Department, in old Jand Jamed talukas. Re. 3,636 annnal water-rate was struck off in the 160 old Shevgaon villages. At the settlement these villages had 630 acres watered by páte and 1,307 by páts and wells combined. Patastial has not flowed for many years. The people may now use the water free if and when it should fow again. The faots given in paragraph 15 above show that a good cycle of years will probably recur in due conrse, and patasthal irrigation revive.
19. Appendix J gives the wells of the 186 villages in 1912-13. There are no irrigation tanks. If a canal from the river Mula above Ráhuri is ever made, the táluka will have much irrigation. The total irrigation wells at the settlement were 2,747 ; now they are 4,585 , an increase of 1838, or 66 per cent. Appendix J is defective, as it cannot be relied on to show correctly whioh wells are in repair and which in disrepair. The figures indicate a large investment of capital in making wells during the lease. At the low estimate of Rs. 350 per well the expenditure is about $6 \frac{3}{2}$ lákhs. From 1895-96 to 1912-13 two lákhs tagai were advanced for constructing or repairing wells in the 160 old Shevgaon villages. Drinking supply is good.
20. For the 186 villages, the average fallow area for the last deoade, noted Fallow. in paragraph 16, was swollen by the famine yeara, Fallow in 1913-14 is as follows, in acres:-

| 198 villagea, |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Rotationfallow. |  | Land, crasa or prickipor under buildinge, palas, trees wells, or | Land keptlor grangg. | Gruas patohes in felda. | Lamud onsown owing tom |  |  | $\underset{\substack{\text { Total } \\ \text { talow. }}}{ }$ |
|  |  |  |  |  | $\begin{gathered} \text { Abence } \\ \text { ownurn, } \\ \text { own } \end{gathered}$ |  | Ontimely <br>  |  |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| $\begin{array}{cc} 4 . & \mathrm{g} \\ 1,2041 & 7 \end{array}$ | $\begin{array}{rrr}\text { A. } & \text { g. } \\ 4,068 & 12\end{array}$ | $\begin{array}{rrr}\text { A. } & \text { g. } \\ 8,111 & 88\end{array}$ | ${ }_{601}^{4 .} 8$. |  | $\stackrel{1}{1.1083}$ |  | A. g. <br> 3,190 . | A. g. |

The total fallow is 8.2 per cent. of the total cultivated area (that is net cropped area plus fallow). Analysed as above, however, the true fallow consists of the areas in columns 6 and 7 only, that is, $4: 2$ of the total cultivated area. Too much faith pannot be placed in the talatis' detailed classification of fallows. From inquiries, I found that a certain but not excessive area has not been cultivated in some localities owing to shortage of cattle; also a fair amount of inferior land not worth oultivating is kept for grazing. As the figures show, the fallow area in a normal year is small.
21. The lighter soils are sown with kharif crops, bajri, cotton, etc., and the cultivators try to plough them annually. In the mahal which is mainly kharif, most of the land

Methods of culkivation, ploughing, manaring.
especially from Páthardi eastwards is ploughed every year. But owing to cattle shortage, all kharif lands especially in the taliuka proper are not ploughed yearly. They are ploughed in alternate years, or even less often, and harrowed in the intervening years. In the heavier land, which is mainly in the táluka proper, jowari is grown. No ploughing is done after jowári is removed, as by then the ground is too hard. Much medium soil land is sown with jowári and kharif in alternate years, and ploughing is done every second year when the kharif crop is removed. The land is then not too hard and the stubble, e.g., of cotton, serves as green manuire. . In the heary black soils on the Godivvari and in the centre of the taluka proper, rabi orops are sown year after year after a rough preparation, and a kharif crop is sown only when the soil becomes full of weeds and needs ploughing. The lands in the taluka proper are heavier than in the máhal, the plough cattle are proportionately much fewer ( 28.8 acres to a pair in the taluka proper in 1914-15 as against $17 \cdot 6$ in the mahál), so the standard of cultivation is lower and in the north-east considerably inferior and dirty oultivation can be seen. This lower proportion of plough cattle in the taluka proper is only partially the result of the famine. It existed prior to then but in a less degree.
22. Garden land is as a rule manured yearly, but manure is soarce owing to decrease of cattle, and annual manuring is not alrays possible. Dry crop land is mostly either not manured or manured once in several years if manure is available. In the eastern half of the makal some land is manured annually.
23. The agricultural implements in use are the wooden plough, the ${ }^{\circ}$,

Agricaltaral implements. "a-ut" for levelling, the "pabhar"" for sowing, and the "kolpe" for clearing weeds. No iron ploughs or mots have been introduced.
24. An Agrionltural Association was started in the mahal in 1914, and distributed Khándesh cotton seed and groundnut. A Agnculural Absocrationo demonstration was given this year at the Madhi fair. The iron plough, iron mot and iron mot-pulley have been shown to the people in some places, and demonstration plots ploughed with the former. Beyond this the tract has not yet come much under the influence of the Agricultural Department.
25. Three crop experiments are recorded for the táluka, one of irrigated Crop esperiments. bokshi wheat, 1883-84, one of dry orop wheat and safllower, 1888-89, one of irrigated bakshi wheat, 1907-08. The inoidence of the assessment on the value of the gross produce was $3 \cdot 67,6 \cdot 72,1 \cdot 47$ respectively.
26. More up-to-date evidence as to the present values pf gross outturn of , Sales of otanding crops, crops is obtainable from statistics of "khoti," that is, sales of standing crop. These occur when the owner is in want of rcady money. Part of the price is paid at once, the balance at harvest. Usually labourers, often Mahars who have no lands, buy such crops as food for their families and to utilise their own labour. The figures below are cases of the last year or two for dry crop lands only.

Sales of standing crops.

| Crop. | Casces, | Avorage - assessment per acre. | Avorage prico per acre. | Average pnce in maltiplea of sasesameat. | Porcentage of the aseassmant on the price. |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Jowari, or jowári and kardat mixed | . 96 | $\begin{array}{r} \text { Re. 2. } p . \\ 0 \\ 12 \end{array}$ | $\begin{array}{rc} \text { Rs. \&. } & \text { p. } \\ 613 & 0 \end{array}$ | 8.5 | 11.8 |
| Bájri .... -. | 9 | 070 | 510 | 11.5 | $8 \cdot 6$ |
| Cotton $\quad$... $\therefore$. | 6 | $010{ }^{\circ} 4$ | 2280 | 33. | 3. |
| Total ... | 111 | 012 S | 6150 | 9 | $11 \cdot$ |

Thus as a standing orop jowári sells for 8.5 times the assessment, bájri for 11.5 times, and cotton brings a return about four times as great as jowári, though expenses of cultivation must be about the same. This explains the eagerness to grow as much cotton as possible. The above prices do not of' course represent the full value of the gross outturn but the value of the latter, less risk of theft, cattle trespass, accident, and cost of watching and harvesting. When these and also the fact that the seller usually is pressed for ready money are reckoned in, it is clear that the value of the gross, harvested * outturn must be higher than the above figures. This is proved by the figures in the following paragraph.
27. The outturn of a normal crop on average land has been aseertained by inquiry at cultivators. The figures are as Crop ontturns. follows:-


As a matter of fact, jowari, wheat, gram and cotton are grown on the better and higher assessed land, bajiri on inferior land, so, taking the average assessment per acre for each crop given in paragraph 26, the actual incidence of the assessment on the gross outturn would be $5 \cdot 3$ per cent. for jowari, $5 \cdot 1$ for bajrl, $2 \cdot 1$ for cotton. This incidence is very low especially for cotton. In "Land Revenue Policy" of the Government of India of 1902, page 21, it is stated that in the Deccan the incidence is over 7 per cent, Inorease of prices since have made the incidence much smaller. Taking the average of the above figures the incidence does not exceed roughly four per cent. now.
28. Appendices C and $\mathrm{C}^{1}$ show the chief markets in the taluka proper and mahal respectively. By far the most important is Pathardi. . This town, the mabal headquarters, has a population of 6,552 . It is the chief market for a very wide tract including part of the Nizam's territory: It is a great cattle market. Cultivators sell their cotton and grain here. Next important is Erandgaon in the north, an important cattle-market. Next come Shevgaon, a general market, Kharwandi, important for the east of the mahal, and Bodhegaon for the east of the taluka proper. There are many minor markets, where produce is not muoh sold in bulk, buc in small head loads, and where the cultivators buy their groceries. Almednagar is really the obief market of the tract. Cotton and grain are exported there in great quantities by the wholesale merchants. The northwestern villages resort to Kukana in Nevása táluka, an important market, especially for cattle.
29. A large fair is held in March at Madhi attended by 10,000 people, Purs. many coming from hnndreds of miles, in honour of. Kanhoba Dev, who is a Hindu god and also a Mohamedan saint. The panchayats of loweastes such as Kaikadis, Vanjaris, eto., meet to settle caste disputes. A market is held, and business of Rs. 9,000 done. Many donkeys are sold by the Kaikadis for high nyices. A petty fair is held at Midsangvi in A pril. A very large fair, attended by over 50,000 people, is held in March at Paithan, a Nizam's town on the border, and attracta 12,000 people from Shergaon. The business done is in oloths, copper and brass pors, sweetmeats, fruits and fineries.
30. Appendix $G^{1}$ shows the chief industries and manufactares. There are 85 woollen looms for making country blankets and 866 cotton looms. Pathardi town is the ohief centre of the latter industry. The old settlement report mentions 1,890 looms, woollen and cotton, in the 160 old Sheygrom II 1109-3
villages. These villages have now only 891. Thus the looma are reduced by one-half, showing how hand weaving has been displaced by the mill industry. Pathardi town had at the settlement 1,000 looms working as against 488 now. Plague is said to have killed many weavers and others have emigrated. Most of the cotton and woollen goods are sold in the táluka. Oil presses are 99. In the 160 villages there are 89 as against 95 at the settlement. There are three ginning factories doing a good trade. Most of the cotton is ginned before export. Hand-gins number 1,589 and much cotton is hand-ginned. For sowing hand-ginned seed is preforred. There are two yellow-metal hand foundries at Sirur. Hides are tanned and ropes made for looal requirements. There are no other important industries. Fowls and eggs are raised in some villages by the lower castes, collected by merchants, and sold at Ahmednagar.

## Incomertax.

31. There are 128 income-tax payers, paying Rs. 4,783 tax.
32. The main trade routes are two. The first is the Shevgaon-ImampurTraderontes. . Ahmednagar provincial road. At Shevgaon this divides into two, one coming from the Nizam's Paithan in the north-east, the other from Balamtakli and Bodhegaon in the east. To Balamtakli there is a oart-track from the Nizam's Gevrai táluka. . Some grain goes to the railway by the road from the base of the Imampur Ghaut to Vambori railway station. The other trade route is the Pathardi-Tisgaon-Ahmednagar road. This divides at Pathardi into two, both coming from the east. The northerly and more important is a cart-track from Bhid a district town in the Nizam's Dominions via Bhalgaon and Kharvandi to Pathardi. The southern branch is a cart-track from Sirur in the east of the mahal to Chinchpur-ijde, thence by made road, nine miles, to Pathardi. A very large export and import traffic of Shergaon and the Nizam's territory to and from Ahmednagar goes on. The absence of made roads east of Pathardi, Chinchpur-ijde, and Bodhegran impedes but does not decrease the traffic. As to minor trade routes, a few of the mahal hill villages send earts by rough tracks to Kada on the Ahmed-nagar-Jamkhed road, and thence to Ahmednagar. The most easterly villages of the mahăl send some cotton to Barsi and cotton and grain to Karmala and Jeur railway station of Sholapur Distriot by cart-tracks of no great difficulty, a distance of $\overline{0} 0$ to 60 miles. The north-east villages have access by a metalled route to Kukana bazar in Nevasa taluka.
33. Off the main trade-routes, the number of carts plying regularly for Carting. hire is not great, though many agrioultural carts take a hire on occasion. But the people of villages on the trade-routes especially in the east of the mahal do considerable carting and thereby supplement their earnings. Cart hire averages one rupee for ton miles. On made roads losded earts can do 15 to" 20 miles a day, on country traeks about 10.
34. Carts increased, orde Appendix F, from 2,494 at the settlements to carta. 3,941 in 1909-10 and now stand at 3,723, an inerease of 49 per cent. on the settlement figure. These include road carts, field carts and bullock tongas. The figures are evidence of large increase of produce, exports and imports.
35. Cotton is by far the most important export. During the fair season Exports. long strings of carts fill the main roods, bringing it to Ahmednagar. The average cotton area of the ten years 1903-04 th 1912-13 was 42,702 acres. At $1 \frac{1}{2}$ pallas an aore, the average estimated outturn, and Re. 20 a palla, the value of the erop would be Rs. 12,81,060 annually, i.e., 58 times the annual revenue demand of Government and inám land and equal to Rs. 11 per head of the population. This year on a crop of 90,564 acres, at Re. 20 a palla, the value would have been over 27 lákiss but for the war, i. e., 124 times the revenue demand. As it is, most cultivators sold at Rs. 9 or 10, and the remainder sold in April 1915 at Res. 15. Next in importance are exports of jowari, bajri, wheat, pulses, oilseeds. The total value of these must be large but cannot be estimated. Not much grain is stored in "pers", i. e. grainpits, nowadays. Thirty years ago the practice
was extensive. Nxport is done mainly by the dealers.. The bulk of these exports goes to Ahmednagar, a little to Barsi, Karmala, Jeur and Yambori. Minor exports are as follows. About Rs. 20,000 of handwoven catton goods are exported from the mahál to Ahmednagar and the Nizam's territory. Much tarvad bark is collected in the mahal and Nizam's territory and exported by Mohamedan dealers of Pathardi to Bombay. Cattle are taken by butchers to Almednagar, and by cattle-dealers to the Berars and Khandesh. Sheep, hides homs are also exported.

## 36. -The return flow of imports comes mostly from Ahmednagar and Imports. : consists of lice, salt, groceries, dried fish, spices,

 cocoanuts, cil, metals, metal pots and utensils, cloth and clathes, kerosine oil.37. The extensive traots of the Nizam's Dominions bordering on Shevgaon Trade with Nizam's Dominions, have Ahmednagar for an important market. Their produce is similar to that of Shevgaon. They send this produce, cotton, grain ete. to Ahmednagar, and receive back imports such as are described above. Thus Shevgaon is a transit area in respect to this trade. Many cartmen of the mahal are profitably employed in this trafic. The export of local cotton manufactures to the Nizam's territory has been mentioned.
38. 'To study the trade with the Nizam's Dominions, trade nakas were Trade nakas, maintained in certain years. The following are their returns in maunds:-

Bodhegaon Naka.


There are some obvious mistakes and omissions in the above figures. Also the years are few and upset by famine. So it cannot safely be argued on the basis of these figures alone that trade has increased, apart from rariations of crop outturn from year to year. But as in Shevgaon, so in the Nizam's territory, the more valualle crops like cotton and superior grains must have beon increasing yoarly. Hence exports and imports must have increased. The above figures show a large volume of trade.
39. The old settlement reports refer to the hindrance to trade caused by

Nizam's traasit, dues. the Nizam's customs system. It is satisfactory that as redards trade between British villages separated by the Nizam's territory there is now little complaint. Goods go without hindrance on the production of a certificate from the village officers. The only exception is salt. The Nizam's people charge Rs. 12 on each cart of salt entering their territory even though it comes from and is going to a British village, and give no refad. They probably fear smuggling into their own villages. Representations should, I think, be made to try to get the eertificate system extended to salt also.
40. The idea of rectifying the frontier by exchanging villages with the Rectibcation of fortior. Nizam has been finally given up. (Vide G. R. 8638 of 14th September 1911, R. D.)
-41. Cotton, grains, vegetables, fodder, fuel imported into the Niasm's Nizam's expont andimport dues. from British territory pay no duty. Thus far free trade prevails. Bat on cattle, sheep, goats, hides, groceries, cloth and all manufactured articles entering or leaving, and on grains, cotton, tobacco, gul leaving the Nizam's territory, import or export dues, generally five per cent. are oharged. Our cultivators thus enjoy free imports of their produce into the Nizam's territory. Some of the eastern mahál villages send produce there.
42. Appendices $\mathbf{D}$ and $\mathbf{E}$ give the population by the census of 1911 of
 the 160 Government and 28 sinám villages of old Shevgaon táluka. The agriculturbal population of these was $70 \cdot 1$, the non-agricultural $29 \cdot 9$ per cent. Of the former 36.7 per cent. had interest in land and $33 \cdot 4$ were labourers. Hindus formed the great majority of the population. The percentage of literates was $3 \cdot 4$ only.
43. The following is the population of the 186 Government villages:-

|  | Villages, | . | Yeara of Settlement. | 1891. | 1901. | 1911. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 186 | . ${ }^{\circ}$ | ** | 90,476 | 1,05,365 | 94,274 | 115,146 |

The increase in 1911 is 27 per cent. on the years of settlement, and 22 on the year 1901. The setback in 1901 was no doubt due to the famine years, but many persons would be away then from their villages for work. The general increase during the lease and quick recovery since 1901 are marked. There is no sign of pressure of population on the land. In the cultivating season all hands are required, as the large rise in wages at that time shows.

- 44. Appendix $G$ shows births and desths in the 186 villages for the years

Appendix $G$
Burthe and deathes. 1903 to 1912. The average birth-rate is 4,719, the
45. In normal years there is little emigration, Some labourers go to the Emigration and Immigration. Tata works at Lonavli. Many labourers and amall cultivators from the kbarif villages having nothing to do in the rabi season go to the British and Nizam's villages on the Godavari. In bad years many go to Khándesh and the Berars. Immigration there is none. 46. Appendix $F$ shows agricultural stock in the years of settlement and appendix F. ' now. The following table shows rariations during Agricyltaral Stook. the lease :-

186 villages.

| Years, |  | Agricultaral catile. | Cows, she-buffaloes and ther yoang. | Sheop and gosit. | Ploughe. | Carts. | Horres and ponies. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Settlement | ** | 34,185 | 43,083 |  | 4,091 | 2,564 |  |
| 1909-10 | $\ldots$ | 83,000 | 46,617 | 48,860 | 3,801 | 3,941 | 2,344 |
| 1918-14 | .. | 23007 | 21,354 | 80,757 |  |  | 1,358 |
| 1914-15 | $\cdots$ | 32,103 | 30,176 | 55,419 | 4,978 | 3,723 | 1,883 |

[^0]This quick replacement of cattle loss, notwithstanding the greatly increased price of cattle since the famine, must be due to large profits from enhanced prioes:of cotton and grain. Some villages especially in the táluka proper are no doubt short of cattle, and some land is not cultivated in consequence. But cultivtion as a whole is not hampered or much deareased. Probably in good years cattle increase beyond real requirements. In some villages the people admitted there was excess before the famine. The excess stock are useful to produoe manure, but cultivation can get on with a smaller number. In many villages where cattle are still one-third below ante-famine level cultivation is going on normally and no complaint of oattle shortage is nade. The reduotion at present is not in plough cattle much, but in milch and young stock.
47. In the taluka proper the loss was greater and recovery not so good. Milch and young stock fell over two-thirds, and are still less than one-half. Sheep and goats fell over one-half, and are still about 6,000 below the former figure. Agricultural eattle are about 2,000 below the former figure of 14,910 , and to each pair of plough cattle there are $28^{\circ} 8$ aores net cropped land as against $25 \cdot 1$ acres in 1909-10, whereas in the mahal there were 17.5 acres to each pair in 1909-10 and are $17 \cdot 6$ now. 'The better rainfall, and the plentiful grazing. in the hills account for the greater number of cattlo, the smaller losses in famine, and the quick reoovery in the mabál.
48. My conclusion is that as regards agricultural cattle the mahal is satisfactory, the táluka proper has not recovered so fully, but should do so fally in a year or two. The reduction is not serious, is being quickly replaced, and too much weight should not be given to it. Cultivation has not been impeded to any great extent.
49. Though recovery is quiek, fodder famines cause severe though

Cattie-preservation. . temporary setbacks to agricultural prosperity. When short of cattle the ryot cannot plough his land and sow the whole before it dries, and he is short of manure. The substitution of cotton for fodder crops is possibly overdone. So when a bad year comes, they ryot has no reserve of fodder. Some villages knew of and practised feeding on prickly pear with suceess, but most did not know of it. It seems probablo that cattle loss could be greatly minimised, if for each village apparatus tor preparing prickly pear were kept ready at táluka headquarters and persons in each village taught its use and the correct method of feeding. But all such preparations would need to be made in ordinaxy years before there ,Was famine. Once famine had begun, it would be too late to institute any comprehensjpe scheme with success.
50. The cattle markets of Pathardi, Erandgaon,' and Kukana (Nevasa Cattle supply. Táluka) have been mentioned. There is no profussional cattle-rearing. Cattle come to the bazars from local villages and the Nizam's Dominions. Lamans of East Khandesh come every other year with cattle from Malra and sell in the villages on oredit, charging one-fourth more than cash bazar prices as they have to wait for their money and run the risk of the purchaser decamping. Some oattle are bought at the bazars and exported by dealers to Khándesh, the Berars, and Poona District. The prices of cattle are much advanced beyond those prevailing at the settlement and up to the famine years, as the following table shows. When stock increases, some fall in price is probable.

Prices.


H 1108-4
51. The greatincrease of sbeep and goats has been noticed. These animals Sheep and gosta. "have doubled in value. Sheep are sheared twice a year, each yielding one seer wool a year. The price of wool has doubled. shoep would increase far more but for want of water. The, construction of some small tanks would help to remedy this. Increise of shoep would provide much needed manure. Goats are to sheep roughly as three to one.
52. In some 20 villages of the mahál gheep and goats are still prohibited from grazing in revenue pasture forest as when the Granng restrictions. Forest Department had charge of the land. There is no tree-growth of any value. It is recommended that such grazing be allowed. This would greatly increase the number of sheep and goats and promote the prosperity of the locality.
53. Appendix $H$ shows schools and attendance in the 186 Government and 32 surveyed inám villages. * There are 58 Government sohools for boys, 2 for girls, and 14 private schools for boya, in all 77, with an average attendance of 2,456. Some of the private schools are mission ones. The old settlement report mentions 28 Government and 5 private schools, in all 33 for the 160 Government and (apparently) the 28 inám villages of old Shevgaon Taluka, with 1,455 pupils. For the corresponding area there were in 1912, 42 Govern-- ment and 12 private, i.e., 54 sohools, average attendance 1,941. •There is thus a large rise in the number of schools. Also the old figures are those of pupils, not average attendance, which would be a much lower figure. Hence the increase in pupils is probably much greater than appears from the figures. There is nothing like the keenness for education of both sexes that one sees in Gujarat. The existing schools have not a large average attendance. Little - interest except in Shevgaon and Pathardi towns is taken in female education. The average oultivator thinks his children more useful to him in the fields than in school.

> Appendix $I_{2}$ Bub-tenaucy
54. This appendix is with the approval of the Settlement Commissioner omitted as useless.
65. The marginal appendices show sales, mortgages, leases of dry crop lands from 1911-12 to 1914-15. Garden lands include
appendice K, Sales; $\mathbf{L}$, Mortgager ; M, Leasea , a well or share in a well. This is an owner's improvement. So garden land is omitted as throwing no light on the value of land generally. Sale and lease statistio have been collected for all villages where possible. In many villages no cash rents were found. It therefore was necessary to get sale statistics for all villages, so as to have some clue to the value of land. In this taluka there are no factors, e. g., as in Ratnagiri like over-population and settlement of many pensioners and of returned foreign emigrants, to give land a value enhanced beyond ordinary market value for cultivation purposes. So while the ohief weight has been given to rentals, sale values are also useful to estimate land values, especially where rental data are few or none. It is found that rents and sale prices are in general proportion to each other. Statistics for groups can be relied on to demonstrate the value of land in the group. But as regards individual villages they cannot "be so much religd on unless a village has a fair number of sales or rents and of a considerable area of land. Some villages have only one or two cases of each sind these relating to small pieces of land, which often command a price higher than the general average of the yillage, being bought or rented for special reasons, e. g., to round off a holding.
56. In Appendices $K$ and $M$ villages having no cases of sales and rents are omitted.
57. The statistics have been examined by me and the people of "all villages questioned. The same has been done by Cirele lnspectors. All transactions of a moneyslending nature or concerning inám land have been weeded out. Many rents, ostensibly cash rents on paper, were found to be really kind rents, the sum ontered as rent being really indemnity in case of defanlt, generally a sum in excess of what a true cash rent would bo.
58. For sales and leases, all those on record for the whole periods, settlement period, were collected and classed aecording to periods, viz. :-
(1) settlement till 1905-06.
(2) 1906-07 till 1910-11.
(3) 1911-12 till date.

In the old settlement report moneylending sales and leases had not been weeded out. So it was necessary to find out the rate of true sales and leases during the earlier part of the currant settlement. The great rise in prices did not begin till 1905. The first of the above periods represents land values during the first twenty years of the settlement. The second is one in which values were rapidly rising. The third is one in which they have risen still more.
69. The transabtions in the old settlement report inolude both drycrop end garden land, and the higher values of the latter would swell the figures. The present figures include dryerop only. Hence the increases in values are really greater than stated below.
60. For the 160 old Shevgaon villages the old settlement report gives the

Appendur K-Sales. sale price of land, as $9 \cdot 8$ times the antesettlement assossment, equal to 7.7 times the present assessment It is true that moneylending sales were not eliminated from these. But from many gerrine sales occurring just at or after the settlement, I consider that the above figure represents fairly well the rate for true sales then. The prices in moneylending sales and in true sales would approximate. The value of land then was very low. In some parts, the people tell me, land could at one time be had for the amount of the assessment. The following table shows the rapid and immense rise in values since the settlement.

160 Villages.


There has thus been a steady rise, during the lease, and the value of land is now five times as high as before the settlement. Appendix K shows the sale vaiues for the 186 villages for the third period. For these the sale values were $15 \cdot 3,26 \cdot 1$, and 39.4 times the assessment in the first, second and third periods respectively. Land is in great demand. Brahmins, Mahars, and castes that do not mainly go in for agriculture, are investing in land and foregoing their usual oconpationis for cultivation.
61. Figures for mortgages have been collected for roughly one-third of Appendx L-Mortgages. . the 186 villages, villages being taken at random in every locality, and for the third period only, viz. 1911-12 to date, as otherwise the compilation work would have been excessive. When sale figures are available mortgage figures are not important, nor are they so reliable for showing the value of land. Thê personal element affects mortgages much. The full mortgageable, value of the land is not always borrowed. Again lenders look to the character and standing of the borrower and would advance more on the same land to one borrower than to another.
62. For the $160^{*}$ old Shevgaon villages the old settlement report gives the average mortgage rate as $\mathbf{9} \cdot \mathbf{4}$ times the antesettlement assessment equal to $7 \cdot 4$ times the current assessment. For the selected villages belonging to these 160 villages, the mortgage rate is now $20 \cdot 1$ times the assessment. No the
mortgage valute of land is now nearly thrice what it was at the settlement. For the total 186 villages the mortgage rate is now 21 times the assessment. Probably the figures are enbanced somewhat by the practice of savkars entering larger sums in the deeds than the sums actually advanced. But in any case, the great increase in sale prices and rents is bound to be accompanied by a similar increase in mortgage values.
63. Kind rents are far more common than cash rents. In the case of the former the owner is on the spot, keeps his eye on the outturn and so can get his full share. Cash rents "are"mainly found in the case of the lands of minors, or owners living in other villages or Marwadis too busy to look after the crop outturn, in fact in all cases where supervision cannot be exercised. It follows that cash rents iare a pis aller, and less than kind rents, which may be considered the true rents. Many villages bave no cash rents. Many have only two or three, and perhaps *only one in each of the three periods. Thus for many villages there is not enough basis to estimate the true average rent. As regards kind rents, for dryorop land the rent is half the produce, for garden one-third, as garden expenses are greater. In hoth cases the landowner nearly alwaye pays the assessment, thus securing his title. The number of rent suits' excluding suits by inamdars was 112 in 1913-14. The ryot is a strict landlord and bas no remission polioy as regards rents. Even if the crop fails, the rent is colleeted, though extra time may be allowed.
64. For the 160 old Shevgaon villages, the old settlement report gives

Appendix M-Leseses the rental value of land as 2.6 times the antesettlement assessment equal to 2.07 times the present assessment. Many of the rents must have been interest, whioh is usually higher than true rent. Such interest cases were not weeded out by the settlement officer. Also the leases include both garden and drycrop. The rental value of drycrop land at the settlement thus was probably less than twice the assessment. The following table shows the great inorease in rental value since then:-

160 Villages.

| Period | No. of rents. | No. of times the nasosement repreeented by the ient. | Remarks. |
| :---: | :---: | :---: | :---: |
| Antesettlement | 627 | *2.07 | * Calculated on the |
| 1st period, 1885-86 to 1905-08 | 294 | 278 | present asgessment. |
| 2nd period, 1906-07 to 1910-11 | 465 | 383 |  |
| 3 rd . period ${ }^{\text {c }}$ 1911-12 to 1914-15 | 189 | $3 \cdot 85$ |  |

Thus on the above figures rents have risen 85.9 per cent. on the antesettlement rents, and as the latter include garden and interest rents, the actual increase for dry-crop rents is probably about 100 per cent. Appendix M gives leases for the 186 villages under report for the third period. For these villages the rents were $278,3.76$, and $4 \cdot$ times the assessment in the first, second and third periods respectively. The rise in dryorop rents may be taken to be 100 per cent. for the 186 as for the 160 villages.
65. The actual pitoh of rentals in village is not always a sure indication of the true value of the land. In some villages everyone has ample land of his own, and an owner wanting a tenant has to be content with a low rent. In other villages high rents have been paid for small pieces of land near the village site.
66. One cause of the increase in land values must be the great improvemont in communications. But the chief causes are*
 hardly ever peours. I remember that fourteen years ago dacoitios were fairly common in the district. The suspension and remission system has been a great
benefit. "No longer is the cultivator obliged in famine to sell his cattle at onefourth theanormal price to pay the assessment as under the old rigid system. Large remissions have been given. Tagai is given when necessary in ordinary years, and given more liberally in famine years both in money and in grass fot saving cattle. The tagai system is mainly a development since 1896. Owirt to the great industrial and agricultural development of the Presidency well-paid labour is now available not far from the táluka in both ordinary and famine years, and the people have learnt to leave their homes for work. The inoreasing price of cotton and the suitability of Shevgaon soil and elimate for this crop make cotton extremely paying. A failure of grain crops has lost its terrors and loss of cattle due to fodder famine in quiekly replaoed. Lastly the new land revenue accounts have largely stopped the misappropriation of land revenue by village officers and consequent doable payment by cultivators, not uncommon occurrences fourteen years ago. These new accounts and the Record-of-Rights give a clear title to land, which must inorease its value. The final and chief cause is the enormous rise in prices of grain and cotton in the * last ten years. The greatest rise in land values has occurred during this'period.

67, Appendix N contains prices of the staple grains and cotton from Appendx N.-Mrices. 1888 -89 to 1913. The old settlement report contains prices of jowari, bajri, wheat, gram, kardai, (safllowerseed), only. The following table compares the average prices in seers and ohhataks per rupee of those five grains for the five years 1879-80-1883-84 before. the settlement with the average prices of (1) the ten years 1904-13, (2) the five" years 1909-13. Also the average prices for turdal, kulthi, raw cotton of the five years 1888-89-1892-93, the earliest figures available, are compared with the average prices of periods (1) and (2) mentioned above. The average prices of the five years 1879.80-1883-84 are much the same as those of the 13 years 1871-72-1883-81, also quoted in the old report:-

Average prices.

| Yeara. | Јоwinl. | Eajri. | Wheat. | Gram. | Kardal. | Yeard. | Turdal. | Kulthi. | $\begin{gathered} \text { Raw } \\ \text { cotton, } \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 8, chb. $259$ | E. chb. <br> 2818 | $\begin{gathered} \text { S. chh. } \\ 1618 \end{gathered}$ | 8. obh. $2112$ | B. eblu <br> 290 | $\begin{array}{lllll}1889-80-1 & & & \\ 1893-93 & \text {... } & \text {.. } & . . .\end{array}$ | 8. obh. <br> 13 II | 5 ohb. <br> 2111 | $\begin{aligned} & \text { Bobl. } \\ & 8 \mathrm{~g} \text {. } \end{aligned}$ |
| 1904-18 ... $\quad$ * | 171 | 1410 | 101 | 121 | 12.4 | 1004-I3 . . . . | 0 I | 196 | 614 |
| 1909-18 - . . | 157 | 134 | 88 | 1214 | 10 B | 1909-73 ..- ... | 90 | 192 | ${ }^{6} 6$ |
|  | 4 * | 55. | 664 | 808 |  | Percentage inorease of <br>  pericd $188030=180308$ | 400 | 110 | 88.7 |
| Porcentage inorone of porlad $1900-18$ on pernd 1570-80-1088-8in. | 651 | 716 |  | 881 | $1380$ |  | 40 | 13 s | -1 1 |

The Government of India (paragraph 20 of their review of Mr. Datta's prices report) point out that prices begun to rise greatly in 1905. Thea above table shows for the ten years $190 \pm 13$ the average prices of jowári and bajri to be 49.4 and 55.5 per cent. higher, respectively, than those of the anfesettlement five years, while those of wheat, gram, kardai are an even large percentage higher. . But it is more accurate to take the prices of the latest five years as representing both present prices and the prices likely to prevail in future. In this period prices have continued to increase, jowári and bajri average 6a. 1 and 71.6 per cont. respectively higher than in the antesettlement period, while the increases in wheat, gram, kardai are $79 \cdot 8,83 \cdot 1$ and 123 per cent. respectively. Probably if the antesettlement prices of turdal and raw cotton were on record, similar high increases would be revealed for them. As it is, the earliest figures are those of $1838-89$ to $1892-93$, and on them the percentage increases for these orops are 40.9 and 51.1 respectiuely. Kultili (hulga), grown mainly for local consumption, has increased only $13 \cdot 3$ per cent. on the figure of $1888.89=$ 1892-93. The great increases are in the crops which are exported or exportable. The iucreases are all extremely high. The causes, such as the world's demand for India's produce, etc., need not be gone into here. There was famine in 1912-13, and 1911-12 was also not a good year, buti in every quinquenaium during the last 20 years, there have been one or two famine years. So the latest quinquennium has nothing exceptional about it. . There in no
reason to suppose that present prices will fall. The heavy fall in cotton prices this year owing to the war is a purely fortuitous occurrence.
68. Appendix $\mathrm{O}^{1}$ shows changes in ocoupied area in the 160 old Shevgaon villages during the lease. Unocoupied assessed cul-
Appendix $\mathrm{O}^{1}$--Changes in ocedpied area. tivable land has steadily decreased from 19,697, acres assessed at Rs. 7,256 in 1886-87 to $3,257^{\prime \prime}$ acres assessed at Re. 1,006 in 1912-13. Similar land in the 10 old Nevasa villages decreased from 1,111 acres, assessed at Rs. 350 , in 1884-85 to 227 acres assessed at Rs. 55 in 1912-13, and in the 16 old Jamkhed villages from 843 aores, assessed at Rs. 514 in 1586.87 to 273 acres assessed at Rs. 75 in 1912-13. There was thus all along a steady demand for assessed waste. The remaining area is in keen demand, but is not being given out, being reserved for grazing.
69. There are 36,205 acres pasture forest, of which 11,838 acres are

Pastare foreat.
cultivable. Much if not the whole of the 11,838 acres was formerly cultivated and is good soil. The people would very readily take up this area for cultivation.
70. These appendices give the revenue history during the lease of the (1) 160 old Shergaon, (2) 10 old Nevasa, and (3) 16 old Jamkhed villages. As regards (1), no balance of any size remained outstanding till 1896-97, the first famine year. From that year inclusive to date there have been considerable outstandings in eleven of the years in all Rs. 6,27,772, i.e., 34 times one year's revenue, and Rs. 2,28,c92 remissions equal to slightly over 14 year's sevenue. Rs. 26,707 were outstanding at the end of $1913-14$, but will be collected this year. While suspensions or outstandings were no doubt necessary in some of these years, there can be no doubt that some outstandings were due to the fluctuations in collection policy following the introduction of the new suspension and remission system and the amounts would not have remained uncollected now-a-days. Thet the remisssions were not absolutely necessary, is shown by the fact that local inám villages, some assessed higher than the neighbouring Government ones, and with less resouroes in the shape of tagai received, apart from some pátasthal remissions, no remissions all these years except in three villages, and have very little outstandings now. As regards (2), the history is much the same. The total outstandings since 1896-97 were Rs. 42,571, i.e., $4 \frac{1}{2}$ times a year's revenue and the remissions, Rs. 18,204, equal to two years' revenue. This group lies on the border of Nevasa taluka of which it till 1913 formed part. As regards (3), balance uncollected was never large even in famine years till 1912-13. Outstandings since 1896.97 were Rs. 38,992 , i.e, $1 \cdot 3$ times one year's revenue. The total remissions to date are Rs. 4,817, less than onefifti of a year's revenue. This group is the favourably situated tract in the east of the mahal.
71. Appendix P shows cœercive processes during the lease. Except for notices, processes have been few, viz., 848 fines, most

Appendix P.--Coercive proces ces. Ease of pay ment being in one year, 724 distraints, and 24 sales of land. The assessment is collected without difficulty, especially in the centre and east of the mahal. The old Jamkhed villages usually remit the revenue in a single instalment
72. The total tagai advanced in the $160^{\circ}$ old Shergaon villages from Tagai. 1896.97 to 1912-13 was Rs. 2,00,174 under Act XIX of 1883, and Rs. 332,326 under Act XII of 1884. Remissions are inconsiderable. For the 186 Government villages the total outstandings, April 1915, are Rs. 230,687 principal, i. e., somewhat more than one year's land revenue, and Rs. 11,622 interest.
73. Statistics were collected as to land at present enoumbered by Indebtednoses any kind of mortgage or conditional salo. The accuraey of the figures is not guaranteed as the talatis are of mediocre reliability, and much test was not possible. Of the total occupied Government and inám land 22.6 per cent. assessed at 23.8 per cent. of the total assessment is encumbered for Rs. $13,02,701$, i. e., 5.8 times the total assessment. Debts on hand account are not included. The total debt for which land is pledged is really leas than the above, as part will have
been paid by instalments, and in many cases where land is given to the mortgagee to enjoy for. a term of years in payment for the loan, some of the years will have expired, which is equivalent to partial repayment. The total debt is not large, being equal to the annual value of the average cotton crop from 1903-04 to 1912-13. Probably most was incurred for productive or economic purposes. Also it may be sroollen by the practioe of entering the debt as more than the amonint really lent, to evade the reduced interest usually awarded by the courts. I enquired as to indebtedness in most villages, and consider the táluka not heavily indebted. The usual interest for average culti-

- vators is 24 per cent., for bettgr men 12 to 18 , rates not excessive considering the defecte of the individual moneylender system, and the difficulty in recovering dues by civil process. **

74. Villages adjoining one another vary greatly in indebtedness. A small amount of debt generally coincides with wellbeing, but many good villages have a considerable amount of debt. The amount of debt is thus not always a reliable guide as to the condition of a village. Hence figures for each village have not been given.

> Co-operation.
75. There are nine co-operative societies. Of
these eight are agricultural, and one is a weavers society in Pathardi town.
76. Between 1897 and 1901 there were relief works at four places in Famine relief. the táluka, but apparently none after 1901. I toured much distress there compared with the rest of the district.
77. Appendix $Q^{1}$ which shows the population, and the area and assessAppondis Q. ment of unoccupied assessed Government land in each village, is, with the sanction of the Settlement Commissioner, omitted as unnecessary. In no village is the area of such land more than a very small amount. It is reserved for grazing, vide paragraph 68.

## Appendix Ru.

78. Appendix R gives the publications con-
79. Jamabandi Return No. 6 has not yet been prepared according to Size of holdings. the new accounts. So the numbers of cultivators having holdings of the various sizes cannot be given. The average occupant has 21 acres, and pays his. 12-12-0 assessment. There are - 17,078 ocoupants, of whom 7,162 are cultivators for the most part paying Re, 10 assessment or more, while 9,616 either pay less than Rs. 10, or though they may pay over Rs. 10, are monoylenders or tradera not living mainly by agriculture. The large praportion of small holders is thus apparent. They supplement their crop returns by local labour yielding enough for maintenance, and well-paid labour in the Godavari villages and outside the taluka. So their condition is satisfactory enough, and in fact often better than those with larger holdings, whose social standing prevents them working as manual labourers in times of stress.
80. Registered documents in the last two or three years show a much greater area of land passing from agriculturists to Land beld by arrieulturista and non-agriculturists than vice versa. But such deeds nonagrionitunsta. $\quad$ are unreliable as showing transfar and retransfer of lands, for redemptions are seldom registered. The savkars return the original documents with endorsements of repayment. The land held by the two classes in 1912-13 and 1913-14 was as follows for tho total 220 Government and inam villages:-

| Arom hold by |  |  |  |
| :---: | :---: | :---: | :---: |
| Agrioultanute. |  | Nob-agricaltarists, |  |
| 1912-18. | 19'3-14. | 191213. | 1913-14 |
| Acres. 368,168 | Acres. 306,8.58 | Acres. $74,345$ | Acres. $.75,787$ |

The percentage of land held by non-agriculturists thus stands at $17 \cdot 1$ of the whole. The slight increass in 1915-14 is probably due to borrowings to replenish cattle, and for agricultural operations. Too muoh reliance cannot be placed on the figures. The talatis have different notions of what constitutas an agriculturist, and class accordingly. There is no general tendency for lands to go more and more into the possession of savkars. People mortgage their lands, and in good years redeem them. Marvadis are not holding on to lands as they used to. They do not always easily get tenants, and are quite ready to sell. The cultivators are tally holding their own. No restriction on land transfer is advisable or necessary. As a result of the Deccan Relief Aots. savkars often lend on saledeeds with oral agreement to return the land, and they get themselves registered as the occupants' so that clients will pay up without euits. They secure payment by the threst that otherwise they will keep the land. But when the clients pay up, they restore the land. The system though risky for the borrower works well enough in most cases. It is only natural that the savkar should protect himself. The borrowers as a whole make no complaint.
81. Agrioultural wages vary in different villages and also with the season of year. The average rate is as. $2 \frac{1}{3}$, or as. 3 . The rate 15 or 20 years ago was on enquiry stated to be as. 2. The general rise is thus 50 per cent. during the lease. That the rise is not higher is because there are no large industries, towns or railways near to draw away labourers. In harvest the general rate rises to as. 4. In the bazar villages and some large villages the rate is never less than as. 4. In some places when labour is in keen demand wages rise to as. 6 or 8 for a short time. Near the Godavari as. 5 and 6 are paid at the rabi harvest and even more is obtainable by harvesting on piecework. The wage of a skilled labourer has risen from as. .8 to 12 during the lease. This does not much affeet the oultivator as he pays artisans usually in kind.
82. To see how far the cultivatorihas profited by the great rise in prices, and how far his profits may have been reduced by increased expenses, it is necessary to look into his economy. The remarkable feature of this is that the old system of paying artisans and village servants in kind only, (baluta), is still in full force. The twelve reoipients of baluta are the priest, astrologer, barber, potter, shoe-maker, carpenter, the village Mahar, the ropemaker (Máng), wieer-carrier, Mohamedan priest, washerman, blackswith. Going into detail, the leather mot for the well and shoes are repaired by the shoemakers for baluta. The Mángs make all ropes and cordage for beds out of raw materials supplied to them. The carpenter makes beds, ploughs and the other implements out of wood given him. "The blacksmith puts on the ploughshare and the potter supplies pots for baluta. The village servants, Mahárs, are given baluta, but not so regularly as formerly. In addition, in the average village cooked bread is given every evening to two Mahárs, the gatekeepers, and to one watchman. Baluta is not any fixed amount. Thus the cultivator besides growing all his own foodgrain and fodder pays for the bulk of his requirements in grain. Cotton is never given as baluta. Payment in kind has two advantages. The cultivator has not to pay any more beoause of the general rise in cash wages, and is saved the expense of taking part of his crop to market and paying the dealer's expenses of conversion into cash. The only village artioles or services for whicb the cultivator pays money are carts, both construction and repairs, new shoes and new mots. During the lease leather and motbags have doubled in price, and wood has gone up. The wood needed for a plough costs Rs. $1 \frac{1}{9}$ to 2. Fuel, vaz., cowdung calies, costs the cultivator nothing. In paragraph 25 of the review on Mr. Datta's Prices report it is stated that as compared with 18801894, in the five years 1908-1912 cotton oloth, rose 25, salt fell 3, sugar rose 9 per cent. and kerosine oil showed no great increase; whereas raw cotton, oilseeds, cereals, pluses were respectively $4 \overline{5}, 45,42,43$ per cent. above the level of 1890-1894. Agrioultural labour and cattle are in Shevgaon 50 per cent. higher than formerly. To sum up, a large share of the cultivator's ordinary expenses is paid for in kind as formerly and sb shows no increase. Ocher expenses are paid for in cash; of these labour and cattle have increased 50 per-
cent. cloth 25, sugar 9. But the increased prices obtained for raw produoe much exceed the increases on the expenditure side, and so there is a large gain in real income. The great increase in cash rents also proves this.

* 83. The increase in real income is shown by a marked rise in the standard

Eise in atandard of living. of living. In 1885 the agriculturist used to wear a loin cloth and a blanket only, while a oorrse dhoti and a turban made up his holiday dress. Now he wears good dhoties, coats and shirts and for headgear rumals. He spends twice or thriee as much on dress as formerly. In most villages I noticed the majority of the cultivatoris had fair to good clothes and looked comfortably off. For food they used to take the simplest sort of bread and condiments. Now they take better food and buy many sweetmeats. At marriages and ceremonies they epend more on display, such as liphts, fireworks and music, and less on clothes and ornaments. Artioles are used that were rarely used thirty years ago, e.g., tea. More is spent on pilgrimages and fairs.
84. Summing up, the chief features of the settlement period are the increase of cotton to nearly thrice the antesettlement figure, the substitution of the more valuable pulses and Summary of sondition of talukn oilseeds for cereals, and the great increase in prices, jowari $65 \cdot 1$, bajri $71^{\prime} 6$, wheat $79 \cdot 8$, gram $8.3 \cdot 1$, kardai 123 per cent. on the antesettlement figures. Cotton has increased $51 \cdot 1$ per cent. on the prices of $1888-89$ to 1892-43. The income of the taluka lias thus greatly increased. New roads have been made and old jnes improved, The handloom industry has gone down by one-balf. It is however important in Pathardi town only, and the decline does not affect the agriculturists. Production, exports and imports have much increased, of which one evidence is the 49 per cent. increase of carts: There is a large and increased trade between the Nizam's Dominions and Ahmednagar passing through the táluka. Harassing customs restrictions on trade passing through the Nizam's territory no longer exist, and raw produce is for the most part admitsed free of duty into that territory. Well irrigation though seoondary in importance to cotton is used greatly in bad years and can expand on occasion to 27 per cent. in excess of the settlement area. This more than counterbalances the disappearance, probably temporary only, of patasthal. Wells have increased 66 per cent. representing an investment of $6 \frac{1}{8}$ lakhs. There is normally little fallow. All assessed waste has been taken up, except that reserved for grazing. This area and cultivable forest lands would be readily taken up if allowed. Population has increased 27 per cont. yet does not préss on the land, ample labour inside and outside the taluka being available. From the point of. view of the agrioulturist employer, labour is sufficient as a rule, and the general rise in wages, 50 per cent., not excessive. Many cultivators are labourers on occasion and profit by the rise in wages. Cattle fell heavily in the 1912-13 famine, but out of the proceeds of one year's orop, though prices of cattle have gone up 50per cent., nearly all the agricultural cattle and a good proportion of the milch and young stook have been replaced thus showing great power of recovery. Milch cattle and young are still muoh reduced and manure scarce. A year or two should put this right. Cultivation has not been much hindered for want of cattle. Land ( 160 villages) has increased in sale value to five times, and in mortgage value to nearly thrice, the antesettlement values, while the cash rental value is at least $85^{\circ} 9$ per cent. and probably about 100 per cent. greater than the antesettlement figure. The Reeord of Rights, suspension and remission system, and tagai have greatly strengthened the position of the agriculturist. The Shevgaon climate and soil are good and favourable to cotton and superior crops. The average rainfall is high for the district and the Deocan, and the taluka is much less liable to rain fanlure than other talukas. There is no reason to suppose the rainfall is deoressing. Many of the cultivator's expenses are paid by him in kind as bofore, and to this extent rise un general prices does not touch his pocket. The prices of some of his purchases bave.increased, but nothing like the increase in price of his produce. His net income is thus largely inoreased as is shown by his higher standard of living. The cultivators as a whole look comfortabla and well dressed. Tagai delt is not great. Debt secured on land is moderate. The cultivatore are quite holding their own with the sáv\&árs and land is not passing H 1108-6
inureasingly to the latter. The revenue is paid easily. This year, though cotton fell to one-half in price and many villages had to pay tagai dues and one and a half year's revenue, there has not been muoh difficulty in colleotion.
85. My conclusion is that there has been a very great increase in agricultural wealth and inoome during the lease, the famines and scarcities of the last decade have caused only temporary setbaoks, the taluka is specially favoured as regards rainfall, soil, and superior export crops, and the maximum enhancement of 33 per cent. is necessary to adjust duly the State demand. No doubt increase of population and rise $\mathrm{m}_{\mathrm{m}}$ the standard of living have absorbed part of the increase of income. But sufficient balance will remain for the cultivators. A comparatively emall fraction of the cotton crop will pay for the enhancement proposed. The ryot with an average holding of Rs. 9 will pay Rs. 3 more, a sum which the ootion of one-tenth of an acre or a few days labour will cover. A glanee at Maps A. and B shows that most of the adjoining Nizam's villages, all settled on the Bombay survey system, have paid a higher assessment than the Shevgaon villages for over thirty years, and those in the north have all along paid Rs. 1-9-10 maximum rate (Halli Sicca rupees converted into British Indian currency) as against the adjoining Shevgaon rate of Rs. 1-2-0, i.e., 43-5 per cent. more. Most of the Nizam's villages are less well situated than the Shergaon villages. Map A also shows that various Shevgaon inám villages have paid all along Res. 1-8-0 as compared with Rs. 1-6-0 in the Government villages adjoining, and one inám village Shahjapur has paid Rs. 1-12-0, i.e.e, annas 6 or 27.2 per cent. more. These higher rated inám villages got no remissions except Rs. 148 in one village, or formal suspensions. For years before even the last settlement they paid rates about as high, for the present rates in excess of those of Government villages were imposed to get the inámdárs to accept the survey. The fact is that with soil and rainfall so favourable as in most of the Shergaon villages and with present prices a considerably higher assessment than the present proposed increase, could be paid easily. Owing to the gradual rise in prices, the State has come to receive an ever deereasing share of the value of agricultural produce while having to pay out incressing sums because of higher rates for work and wages necessitated by the increased prices of produce. Produce has appreciated, money depreciated in value. Thus it is not so much an enhancement as a readjustment of the State demand that will he made. Even with $33 \times$ per cent. inorease, the net income of the cultivators will be muoh larger than at the beginning of the current lease, and they will have to part with less produce to pay the assessment. They will retain by far the greater share of the increment, all unearned incroment as far as they are concerned. I also consider that even if no remissions be granted in future, but only suspensions when necessary, the enhanced assessment will easily be paid.
86. In the 186 villages dry crop rents a verage four times the assessment. The rise in rents for these villages must be about the

[^1] same as for the 160 villages, i.e., about 100 per cent. The average assessment of Government occupied land is annas 9 pies 11 per acre. If this assessment is enhanced 33 per cent. it becomes annas 13 pies 2 per acre. The rent will then be thrice the assessment. The increase of rent per acre since the settlement is Rs, 1-3-10. Of this the increase of assessment annas 3 pies 2 absorbs 15.9 per cent. only, leaving 84.1 per cent. to the cultivator. If Government were to take half the increment of Rs. 1-4-10, i.e., annas 9 pies 11 per acre, this would double the present assessment, and to take one-quarter of the increment, a redsonable enough share, viz. annas 4 pies 11 per acre, would yield $1 \frac{1}{8}$ times the present assessment. Thus a 33 per cent. increase is extremely moderate and muoh less than the - State could reasonably claim.
87. For all these reasons I bave no hesitation in proposing a genersl enhancement of 33 per cent. for the táluka. The only problem then remaining is forming the groups, so that the increase will be distribrited most equitably.
88. To see how the selling prices of agricultural produce vary locally, Local prices. *and as a help in grouping, prices at each local bazar have been recorded for three months, mid December

1914 to mid March 1915. Out of these bajiri and cotton are selected, the only crops grown nearly everywhere on a large scale. The average prices for the period tre as follows. The bazars are arranged in order of priee. Absolute accuracy is not guaranteed. I have omitted one or two bazars the prices reported from which seemed doubtful and not in harmony with those of other bazars near. I consider the prices noted below may be taken as fairly accurate, and what one knowing the locality would expect. Bazars not in the táluka are onclosed in brackets.


Ahmednagar has the highest prices. The other bazars are dependent on the Ahmednagar market, the bazars nearest Ahmednagar like Tisgaon, Pathardi, Shevgaon have the next highest prices, and prices gat lower as one goes farther from Ahmednagar along both trade routes, until at Sirasmarg and Bodhegaón, farthest away of all, prices are lowest. The difference in prices between other bazars and Ahmednagar is the cost of oartage to Ahmednagar. Grouping however cannot be made wholly in àcordance with the above table, as the table takes no account of the relative productivity of different tracts, a matter of greater importance than local prices.
89. The 160 old Shevgaon villages (vide Map A) were put into three groups at Rs, 1-6-0, Rs. 1-4-0, and Rs. 1-2-0, in the southwest, centre, and north and north-east of the taluka respectively, according to distance from Ahmednagar, and advantages of roads. It was also supposed that the south-west group had the best rainfall, the central less good, and the north and north-east still less. The ten villages received from Nevass in 1913 lie due west of Shergaon town. Of them 8 are Rs. 1-4-U, two are R.s. 1-2-0. The 16 old Jamkhed villages have superior rainfall and were classed at. Rs. 1-6-0. The following table shows how far the sale, mortgage, and rent values of each group, for 1911-12 to 1914-15 in multiples of the assessment, support or not the accuracy of the above grouping. The usual method of measuring the comparative value of land in different groups by reokoning sale mörtgage and rent values of different villages and groups in multiples of the actual assessment is misleading. The assessment varies according to the maximum rate of the village or group. So the multiple is of a variant not a constant. Henee I calculate in the following table the assessment of the land sold, mortgaged or leased as it would be if the maximum rate of all the villages were Rs. 1-6-0. The average assessment per acre of Government oocupied land in each group is also given, adjusted to a Rs. 1-6-0 maximum
rate, to show the comparative quality of the soil in each group. Also in column 8 of Appendices $K$ and $M$ there is entered for each village the sale or rent multiple of the assessment reckoned on a Rs. 1-6.0 maximum rate basis. The relative rises in sale, mortgage and rental value of each group for each of the three periods were examined, but no definite conclusions were obtained therefrom, so the figures are not given.

186 villages, 1911-12 to 1914-15.


Thus for sales and mortgages the order in value is (1) old Jamkhed Rs. 1-6-0, old Shevgaon (2) Rs. 1-4-0, (3) Rs. 1-6-0, (4) Rs. 1-2-0, and (5) old Nevasa; for rents (1) old Jamkhed, (2) old Nevasa, old Shevgaon (3) Rs. 1-4-(1, (4) Rs. 1-6-0, (5) Rs. 1-2-0. I take the order in rental value as the deciding factor. The marked pre-eminence of the old Jamkhed villages is due to their superior rainfall. The old Nevasa group, coming next, has good enough rainfall, and good medium soil which crops without very heavy rain. This group is near to good roads. Third and not much inferior is the Rs. 1-4-0 the central group, with good rain. Fourth only come the old Shergaon Re. 1-6.0 villages, with markedly lower rents. The inference is that many of the Rs. 1-2-0 and Rs. 1-4-0 villages should have been or chould be now assessed at least as bigh as some of the Rs. 1-6-0 ones. The fifth group at Rs. 1-2-0 was as regards the north-east section of the group more correctly grouped as rental values there are lowest. The inferiority is due partly to distance from markets, and probab.y arto to the heavy soil needing heavy rain. The rainfall of the group is not inferior. My experience is that the comparative well-being of different parts of the taluka accords with these.rental values.
90. In the matter of the comparative prosperity of different villages rain-
fall is by far the most important factor. Hence the old Jamkhed tract, though its communications are inferior, is the best off. Compared with rainfall, communications and distance from markets are in this táluka quite minor factors. Good roads or tracks are found everywhere. Also one or two journeys a year in the slack season suffice to market the ryot's produce. Next in importance comes soil. A good medium soil as in the Nevasa villages is the best year in and year out. Next best are the heary soils of the Godaveri and Dhor villages Worst are the thin poor soils in some villages south of the Shevgaon-Bodhegaon road.
froponed groups 91. The following rates are proposed, vide Map B:-
92. Group 1.-Rs. 1-14-0, 28 villages. This group includes Pathardi and most of the villages in the centre and east of the mahal. This tract is the most prosperous owing to superior rain. Sale and rent values are highest here and produce prices good.
93. Group II.-Rs. 1-12-0, 50 villages. The main part of the groap consists of a blcek of villages lying north of Group I. Rainfall and land values are grod though less than those of Group I, the villages being farther away from the hills in the south. Ihe hill village of Maneckdowndi in the couth, and Kelvandi beside it, are included in this and not in the Rs, 1-14-0
group, as their communications are inferior as compared with those of the Rs. 1-14-0 group. The four most easterly villages of the mahal, Sirasmarg, Songaon, Mursatpur, Khokarmoho, are made Rs. 1-12-0, being isolated and having inferior communioations; also produce prices here are low.
94. Group III.-R.R. 1-10-0, 92 villages. These villages form the "whblen western side of the tailuka. They have the average rainfall of the taluka, Their well-being as measured in sale and rehtal values and their circumstances are much the same for all. Some parts of this tract are no doubt better than others but the difference is not so great as to negessitate different rates. Precedents for settling a large area at one rate are the whole of Kopergaon táluka settled at Rs. 1-8-0 and Sangamner taluka settled in two groups of Rs. 1-12-0 and 1-8-0. A few of the south-western border villages now rated at Rs. 1-6-0 are supposed to get rather less rainfall than the other villages of the group. But the difference, if any, is not enough to necessitate a lower rate. The average sale value in them is much the same as that of other adjoining villages, while their rents are too few to be conclusive: their communications are good. The enhancement for them is annas 4 only, wheress for most of the new Rs. :-10.0 group it is annas 6 and for some villages annas 8 . The new Rs. 1-10-0 group includes all the old Shevgion Rs. 1-6-0 villages except Pathardi (these villages, as shown in paragraph 89, do not deserve the preeminence given them in the old grouping), a good number of the existing Rs. 1-4.0 villages, and the north-west corner of the táluka proper, at present rated mostly at Rs. 1-2-0, but which in prosperity, land values, and prioes of produce is as good as any part of the proposed group. Grain prices at Shevgaon bazar aro higher than those at Pathardi bazar though the former is farther from Almednagar. In estimating the difference in grading and formation between the existing and proposed groups the improved relative condition of the more distant villages due to the new or improved roads has to be remembered.
95. Group IV.-Rs. 1-8-0, 36 villages. This group includes the eastern section of the existing Rs. 1-2-0 villages. Rents and sales values are lowest, cultivation on the whole is inferior in this tract, and produce prices lower. The tract is remote from Ahmednagar. I enlarge this group to the west to include a small belt of inferior villages south of the Shavgaon-Bodegzon road, now rated at Rs. 1-4-0, having generally poor thin soil the crops on which suffer in long monsoon breaks. The rise in land values has been less in this' belt than in the rest of the taluka. Their assessment will be raised by annas 4 only.
Inedence of proposed group
96. The incidence of rentals on the assessment ascergments on rent, for the proposed groups is as follows :-


For the fourth group the assessment remains as in the case of the existing assessment a higher percentage on the rent than the others. The villages however are as a whole good and I am satisfied that they can all easily bear the inorease proposed, eiz. Rs. 1-2-0, and 1-4-0 to 1-8-0. An inotease to Rs. 1-6-0 would be too low. The percentage increase of assessment is also smallest in this group. It should be remarked that the groups have been formed on general considerations not primarily according to renta. But the rent statistios fully support the grouping.

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97. Difference of opinion may arise as to whether a village shonld be in a higher or lower group. Much anxious consideration hardly needs to be given to the matter.' With present values of land a variation of annas 2 or 4 in maximum rate makes no appreciable difference to a village and will not be felt by the cultivators. The assessment enhanced as proposed still remsins a peppercorn one.
98. At the first revision settlement lands irrigated by old wells were

Garden and rice rates. assessed within the highest rate on dry crop lands, and lands irrigated by new wells had the ordinary dry crop rates applied to them. The rice area is small and unimportant. At the first revision 197 aores were classed as rice and assessed at Rs. 227 according to a patasthal assessment of Rs. 4. The average area in recent years cultivated with rice was 123 acres. There is no reason to differentiate new rice lands from ordinary garden lands. At the present revision the existing assessment of both garden and rice lands is treated for purposes of enhancement like that of ordinary dry crop lands, and no special rates are applied.
99. The result is that the assessment on Government occupied land is increased from Rs. 2,13,241 to Rs. 2,83,630, viz., by Rs. 70,389 or 33 . per cent. The overage assessment per acre of Government occupied land is increased from annas 9 pies 11 to annas 13 pies 2 per acre. The maximum increase for any village is 50 per cent. The lightness of the proposed assessment is cloar from the fact that Sangamner táluka which has little cotton and valuable crops, grows mostly bajri, and has the lowest average rainfall of the district, was settled in two groups of Rs. 1-12-0 and Rs. 1-8-0 in 1905, before the great rise in prices began, while Shevgaon with superior rainfall and soil, and extensive cotton aroa, and when prices are now so enhanced, is proposed to be assessed only from Rs. 1-140 downwards. The fact is that the 33 per cent. maximum enhancement rule coupled with the 30 years' guarantee prevent Government getting anything like a fair share of the unearned increment. The present 33 per cent. increase gives Government only 15.9 per cent. of that inorement. A fifty per cent. increase giving 25 per cent. of the increment would have been more suitable. The 33 per cent. rule and the thirty years' lease were presoribed at times when no one foresaw the possibility of these immense and sudden rises in the value of produce and land. The maintenance of these rules now results in injustice to the general tax-payer and the State while the agriculturist is unduly favoured. The under-assessment retards the development of the country, for a higher assessment would provide funds much needed for agricultaral research and instruction and roads, and the cultivators would be stimulated to greater industry. The anomaly will have striking results when the rich talukas of Khandesh shortly come to be revised. These are now assessed practically at Deccan rates, whereas the present value of the land owing to cotton has risen so high as to justify the imposition of something like Gujerat rates. But the 33 per cent. rule will prevent this. Government on page 135 of Government Selections CCCOXL (Sangamner Settlement Report) have stated that it may be found necessary to abolish the limits of enhancement, as these prevent the full benefit to public revenues of public improvements.
100. The other anomaly strikingly illustrated by the present settlement is the thirty years' guarantee. It would be an uncalled for sacrifice of revenue to fix the proposed rates for thirty years, but suoh guarantee is only prevented by the accident of a railway being likely to be constructed. The Settlement Commissioner (page 130 of Government Selections DXX-Bhimthadi Taluka Settlement Report) has argued weightily against thirty-year leases. The Government of India (page 22 of their 1902 Resolution on Iand Revenue policy) hold the thirty-year lease injurions to the cultivators and unjust to the general tax-payer when there is a rapid development of resources owing to making of roads, railways or canals or a rise in prices. But such development and rise in prices apply to the whole of this presidency. The main object of the long lease policy begun in 1840 was to induce the ryots to make permanent improvements which would not be taxed during the lease. With the passing of the Land Revenue Code which permanently exempted improvements from enhancements at revision, the reason for the long lease disappeared. No ryot
would be deterred from improving his land by a short lease, the enhancement at the end of which is made on general principles of prices and inorease of roads and railways. The long lease in these days of quick and enormous rises of prices and land values is only a degree less harmíul than a permanent settlement. It is like the Chancellor of the Exchequer guaranteeing not to raise the income tax for thirly years. A settlement for ten or at most twelve years appears ample. Revision need not involve the involved inquiry and report now in use, much of which is of little relevance.
101. I therefore consider that the circumstances of this taluka afford ample grounds for abolishing the 33 per cent. rule and thirty years' leases.
102. Government Resolution No. 8954 of 22nd September 1914, Revenue Deparlment, states that the revised rates will be subjeot Period of grarantee. $\quad$ Depariment, states that the revised rates will be subjeot the period of thirty years has not expired. Though the war has lowered cotton prices, I do not thinik the introduction of revised rates need be deferred on that aecount.
*
Old Jamhed villagen,
103. In the old Jamkhed villages, noted below old Jamhhed villagea. Appendix $0^{2}$ till 1916-17. revised ${ }_{L}$ rates cannot be introduced.
104. Finally, it is recommended that most of the 11,833 aores of cul-

Forest lands. tivable forest (vide paragraph 69) be given out for cultivation. The system of reserving such area for grazing in proportion to the number of cattle in a village does not put the - land to good economic use. As uncultivated grazing area it produces little grass. When cultivated it produces muoh valuable fodder or other crops, and it daes not matter that the land is held by a number of private individuals instead of being common grazing area. Cattle, owners can provide fodder for their cattle by purchase or keeping part of their land under fodder, as they have to do in some cotton tracts of Elast Khándesh where there is no grazing area. The forest cultivable area should be put to the best economic use, namely cultivation. It was formerly cultivated not so many years ago. It is sufficient to keep a hundred acres or so grazing area for each village where cattle can stand on in the rains when other land is under crops.

## Inám villages.

105. There are 32 surveyed inám villages for revision. Their settlements * expire concurrently with those of the adjoining Government villages. Particulars and authority are as follows:-

| Number. | Villages | Year of |  | Authonty, |
| :---: | :---: | :---: | :---: | :---: |
|  |  | Intronlaction of settiement. | $\begin{gathered} \text { Expiry } \\ \text { of } \\ \text { Bettiement. } \end{gathered}$ |  |
| 1 | Jatdevle, *** | 1886-87 ... | 1913-14 $\vdots$ | Government Notification No. 5622-B., dateri 24th August 1887. |
| 8 | Kbinspur, Farkheda, Kambl, Avhane Budrak, Gadersil, Karhetakh, NajukBabhulgaon, Sasare. Divte, Shahajaprus, Javkheda-dumala, Somthan Khurd. | $1885-86$ | 1918-14 ... | Government Notification Mo. 5622-C., dated 24th August 1887. |
| 4 |  | 1886-87 | $1018.14$ | Government Notification No, 6628-D., dated 24th Aagust 1887. |
| 48 | Bhagur, Avhane Khurd, Sakegaon, Badhegaon, Ladjalgaon, GarkwadJalgaon, Warur Budrak, Kasatpimpelgaon, Sangvi Khurd, Vasu, Lakhmapuri, Hatgaon. | 1885-86 | 1918-14 | Government Notification No. 6622-Ew, dated 24th Anguat 1887. |
| 1 | Gangapu: | are old Sher | gan villageas | Governmenk Notification No. $6841-D_{\text {n }}$ dated 6th Soptember 1890. |
|  | The above 26 |  |  |  |
| 4 | Devtakli, Dahigaon, Gumpha, Ranjani (old Novasa viliagea). <br> Tinkheds (old Jamkhed village) |  | 1911-12 | Govermment Notifiction No 2171, dated 12 th March 1884. |
| 1 |  | 1887-88 . 40 | 1915-16 - | Governmont Notificstrion No. 60s0, dsted 7 th Soptember 1887 |
| 1 | Alhanyadi (old Jamkhed village) ve | 1906-07 | 1916-16 | Government Notificatron No, 3321, Bombay Gopernment Gassites dated 2才th April 1905. |
| 38 | Total. |  |  |  |

The old settlement reports of the above are to be had as follows: the old Shergaon villages in File S 349, the old Nevása villages in File S 353 and Government Selections CCLX, Tinkhadi, in File S 350. Papers of Ranjani are not fortheoming. The above files are of the District Survey Office, Ahmednagar. The papers of Álhanwadi are in Survey File R. No. 432, F. No. 93 of * ' 1907 of the Collector, Ahmednagar.
106. The following surveyed ndum villages are pure inam: Ladjalgaon, Avhane Budruk, Gadevadi, Dahigaon, Ranjni, Sangvi Khurd, Vasu, Somthan Khurd, Javkbed-dumala, Jatdevle, Kasarpimpalgaon.

The rest are sharakati.
107. All the inam villages but three were visited by me.
108. The marginal Appendix:for the year 1913-14 shows that the kinds of

Inám Appendıx B. Orops crops and proportions in whieh they are grown resemble those of the Government villages, and need no remark. 109. There are 301 acres patasthal in 5 inám villages, with a water-rate of Rs. 755. Patasthal conditions are exactly the same as in the Government villages. For many years no pats have flowed, but the water-rate could not be struck of during the lease. Equity demands that patasthal water-rate should be abolished. The jághirdárs, some of whom have given patasthal remissions, will be compensated by increases proposed in the maximum rate of the village. The bandharas, were all kacha ones. Their sites have been, examined by the general duty glasser this season. For 15 years no pats have fiowed anywhere except this year when in Jatdeole three small pats flowed, watering twa or three numbers only. In the neigh bouring inám village of Alhanvadi the jághirdár tells me the pats have not flowed since 1902-03, and he does not collect patasthal assessment whon pats do not flow. Nowhere do the people want the water.
110. The population has increased from 18,678 Iném rülages population. in 1881 to 22,706 in 1911, an increase of 21 per ceat. which is satisfactory.
111. Inám Appendix F show agrioultural stock in the 32 inám villages in 1914-15. The figures of the settlements are not available. The following table shows decrease due to the 1912-13 famine and recovery since:-


Agricultaral cattle have not recovered so much as in the Government villages, but otherwise there is no difference between Government and inám villages. The proportion of net cropped land to a pair of plough cattle is 21.3 acres, as againat $21 \cdot 4$ for the Goverament vulages.
112. At the settlements there were 527 irrigaWells. . tion wells in the 32 villages. There are 653 now, an increase of 23.9 per cent.
113. Figures of sales and leases for the third period, 1911-12 to 1914-10.,
 have been tested and collected for the inam villages and are given in Inám Appendices $K$ and M. In 77 sales, 1,179 acres assessed at R. 789 were sold for Rs. 25,730, i. e., $36 \cdot 4$ times the assessment. In 188 leases, $\mathbf{3 , 9 0 1}$ acres assessed at Rs. 2,014 were leased for Ris. 9,939, i.e., $3 \cdot 95$ times the assessment. Thess results are much the same as in the Government villages.
114. The total unoccupied assessed khálsa land in the 32 inám villagea Changes in oceapied area. is now only 854 acres assessed at Rs. 135. From the low assessment it is clear it must be land too poor to be worth cultivating.
115. Apart from some patasthal remissions, and Rs. 3,434 remitted for

Revenú collections. Karhetakli from 1875-76 to 1903-04 when the village was under Government management, the only remissions given since the settlements are Rs, 1,798 in two villages only, Avhane Budruk and Lakhmapuri. The total revenue of khálsa (i, e. Jághirdár's) and inám land of the 32 villages is Rs. 61,945 . The total arrears at present in all villages due to jághirdárs are Rs. 2,596. No arrears are due to Government. In famize years balances remainedjuncolleoted and were collected in subsequent years. The figures are not available on Government records. Formal suspensions were never given till 1911-12, in which year half suspensions were granted in a few villages. In 1912-13 the whole revenue was suspended in most villages.
116. The insm villages now get tagai from Government. Their total debt secured on land by documents and exeludin ${ }^{*}$ debt on hand accounts is as follows. Twenty per cent. of the total khálsa and inám occupied land, assessed at 23 per cent. of the total assessment is encumbered for Rs. 2,95,919, i. e., 4•7 times the total assessment of the villages. This is a smaller proportion than in the Government villages.
117. Economic condition and the value of land are much the same in the inam as in the adjoining Government villages. I propose that the inám villages take the same rates as
 those of the adjacent Government villages. The only exceptions are Shahjapur which should retain the present rate of Rs. 1-12-0, namely annas 2 higher than the adjacent Government villages; and Alhanvadi and Jatdevle, proposed to be Rs. 1-14-0 instead of Rs. 1-12-0, the adjacent Government rate, so as to compensate for the extensive patasthal assessment cancellations in these two villages, and give a small increase. I propose the cancellation of all patasthal assessment in the five villages in which it exists. The cancellation is more than compensated for by the proposed enhancements. The results are, three villages rated at Rs. I-14-0, two at Rs. 1-12-0, eighteen at Rs. 1-10-0, nine at Rs. 1-8-0, vide Inám Appendix Q. The unsuryeyed villages of Konosi añ Kharadgaon should when settled be rated at Rs. 1-12-0 and Ris. 1-10-0 pespectively, the rates of the adjoining Government villages, or higher, if necessary to avoid loss to the jághirdárs. The above enbancements are as in the case of Government villages considerably less than the villages could afford to pay. The total assessment on khálsa land from Rus. 58,696, inclusive of patasthal rate, becomes Rs. 72,863, an increase of $24 \cdot 13$ per cenl. Excluding patasthal assessment the increase is 25.75 per cent. The increase in Inam Appendix $Q$ for each patasthal village and for the total villages is caloulated as including patasthal astessment so as to show the actual net increase when patasthal is abolished. The patasthal assessment cancelled is Rs. 755. The average assessment per aore for khálsa land from annas 12 becomes annas 14 , pies 11 .
118. It is recommended that the guarantee be for the same period as for Gaarantes the Government villages. The settlement cannot be introduced into the old Jamkhed villages of Tinkhadi and Alhanvadi till 1916-17.
119. This report deals, with an área equal to two ordinaryं tálukas, also inám villages. I therefore trust its length will not be considered excessive.

> I have the honour to be,
> Sir,
> Your most obedient servant,
(Signed) J. P. BRANDER, ${ }^{*}$
Assistant Settlement Officer," Eastern Talukas, Ahmednagar.
II 1108-8

APPENDIX A.
Statement ahowing rainfall recorded at Shevgaon, District Ahmednagar, for the years 1905-1914.

\begin{tabular}{|c|c|c|c|c|c|c|c|c|c|c|c|c|c|}
\hline \multirow{2}{*}{Year.} \& \multicolumn{2}{|l|}{Early rain (1st Jinuary to 10th April).} \& \multicolumn{2}{|l|}{Anto-modesoon (11th April to 4th June).} \& \multicolumn{2}{|l|}{Monsoon lharit (5th Jane to 14th Aogust).} \& \multicolumn{2}{|l|}{Monfoon rabi (15th August to 21st Octohar).} \& \multicolumn{2}{|l|}{Late rains (28nd October to 81st December).} \& \multicolumn{2}{|c|}{Totas.} \& \multirow[t]{2}{*}{Remarksa} \\
\hline \& Fall. \& Bainy dase \& Fall. \& Raing
daya. \& Fall. \& \begin{tabular}{l}
Raing \\
day.
\end{tabular} \& Fall. \& \[
\begin{gathered}
\text { Raing } \\
\text { dayg. }
\end{gathered}
\] \& Full \& Rainy days. \& Fall. \& Rainy days. \& \\
\hline \& Inchro. \& No. \& Inches. \& No. \& Inches. \& No. \& Inches. \& No. \& Lnohes. \& No. \& Inches. \& No. \& Ramfall remarks weth regard to the okaracter of the segsons at Ahmednagar, Jamkhed, shavgaon and Newasa dwring the years 1904-1914. \\
\hline 1004 \& 005 \& \(\cdots\)

. \& 029 \& 1 \& 4.11 \& 12 \& -12\% \& 14 \& 0.70 \& 1 \& 17.85 \& 28 \& Except at Newasa the total fall of the year was in defect of the averago. Anto-monsoon rain was fair .Monsoon opened eariy in Jane bat the fall of the month was inadequate for general sowing which was oonfined to molist places only. July ram, Was recerved in lings whare germinated began to mither. Relief, however, cameln the middle of Soptember whan good ram wae recesved and was followed by heavy rain in October. This saved greater part of the kharif crops and the rabin ones got good start But there beng no rainin November of December ribi crops anffered severely. Season on the whole was poor. <br>

\hline 1805 \& 0.50 \& 2 \& 038 \& 1 \& $$
7.00
$$ \& 10 \& 5\%9 \& B \& $0 \cdot 95$ \& 1 \& 1409 \& 22 \& The pand during the year was largely in defect of the average. Ran in the ante-monsoon period was very ligit. Monsoon commenced early in Juno" bat oowing ran did not come till the end of the month. The bharif sowing was completed in July under fair rain. Exoept in Nagar and Jamkhed the was agan inadequate and the break was prolonged till the middle of October when some rajn was recerved. The kharif crops thus were lost in parts of Shevgaon, buly porfion of Jamklied and Eastern part of Newask. The fall in October and very scanty alowers in November were insufferent for general rabi sompge which wera however taken in hand in places Later raing were absent and rabi crops yielded poorly. Season on the whole was poor. <br>

\hline . 1008 \& 0.25

0. 

0.49 \& \& \& $\cdots$ \& 10.78 \& 18 \& 8.72 \& 12 \& 0.31 \& 2 \& 20.06 \& 34 \& | Except at Shevgaon the total fall of the year was in excess of the averago. There was practically no antemonsoou riin. The monsoon rum commenced early on Juae enabling, kharif sowing to be undertaken everywhere, It was completed in July under invourbile. tharif crope promised were thriving. Angust raill was more than ayffichent ond the |
| :--- |
|  boing partial did not lmpsove the progpects of the rabl crops where eown. Rain in December was alight and belped them eut littlo, Spason on the whole was farr for sharif and poor for rabi orope. | <br>

\hline 1807 \& 0.40 \& 2 \& 165 \& \& 1565 \& 25 \& 323 \&  \& , ${ }^{\text {c. }}$ \& $\cdots$ \& 2105 \& 41 \& Raia during the year was below the average excopt at Newraba, Anto-monsoon rain was fairly heavy and useful for preparıng land. Monsoon opened late in the third week of Jone and the fall heing ingnfmient kharf sowing was only parthally done. It wha finished under ouffionent ad seasonable rain in July. Augast fall wag in oxcers of the average and the btanding crope fared, well. There whe no ram in September till in the last week It was however useful for the withering lharif crops thoingh muoh in defect of the average and helped to start rabi aowing in parta. Rain in October was vary light and there was practically no rain in November. Rabi sowing was therefore greatly restrict ed. December was dry, Rabi eropa suffered in outtorn. Senson poor. <br>
\hline
\end{tabular}

APPENDIX A-continked,

| Year. |  |  | Antromonsoon (11th April to 4th June). |  | $\begin{gathered} \text { Monsoon Kharlif } \\ \text { (5ith June to } \\ \text { 14th August). } \end{gathered}$ |  | $\begin{aligned} & \text { Monsoon rabi } \\ & \text { (15th Augatot to } \\ & 215 t \text { October). } \end{aligned}$ |  | Late rasios (22nd Oatober to 31st December), |  | Total. |  | Eemarkg, |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | - Fall | $\begin{aligned} & \text { Raning } \\ & \text { dayy. } \end{aligned}$ | Fid. | $\begin{aligned} & \text { Raling } \\ & \text { dayss } \end{aligned}$ | ${ }^{\text {Pall }}$ | $\begin{array}{\|l} \text { Rainy } \\ \text { days, } \end{array}$ | Fall | $\begin{aligned} & \text { Baly. } \\ & \text { dayas. } \end{aligned}$ | FaH. | $\begin{aligned} & \text { Raing } \\ & \text { dags. } \end{aligned}$ | Fall. | $\begin{aligned} & \text { Rainy } \\ & \text { days } \end{aligned}$ |  |
| 1803 | Inches. <br> 0.88 | No. | $\left\|\begin{array}{c} \text { nobhes. } \\ 0.08 \end{array}\right\|$ | No. | Inches, $6 \cdot 94$ | No. $16$ | $\begin{aligned} & \mathbf{I n g e n e ,}, \\ & \mathbf{1 1 \cdot 2 2} \end{aligned}$ | $\underset{10}{\text { Nor. }} .$ | Inches. | No. | Inches. <br> 21.01 | No. 3 85 |  |
| 1909 | $0 \cdot 31$ | 1 | 407 | ${ }^{5}$ | 1613 | 13 | 980 | 14 | 0.07 | '"' | $31.10^{\circ}$ | 81 |  |
| 1910 | - |  | $\begin{aligned} & 0.71 \\ & * \end{aligned}$ | 1 | $3660$ | 20 | 2505 | 23 | $3 \cdot 04$ |  | 4540 | 47 |  |
| 1911 | 048 | 2 | $0: 39$ | 2 | ${ }^{14 \cdot 19}$ | 38 | . 240 | 6 | $\mathrm{sfo}^{2}$ | 5 | 20:48 | ${ }^{38}$ | Bsin doning the year in defect of the aterage. Light to tair riin was reedived in tha <br>  <br>  <br>  <br>  <br>  |



APPENDIX A.
Slatement showing rainfali recorded al Pathardi, Pathardi MGKal of Sheogaon 'Tabuta, District Ahmednagar, for the year 1914.


APPENDIX B.

Details of cultivation and crops in tha 160 Governat

B.
villages of the old Shevgaon Taluka of the Ahmednagar Collectorate.


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APPENDIX B.
Dotails of eultivation and crops in (I) 10 Government Villages formerly of Neoasa Tathkia of the Ahmednagar Collectorats and transferreld to Sheygaon Taluka in 1913.•


APPENDIX C.
Statement showing the villages in which weekly Bazars are held in the Shevgaon Táluka (exeluding Páthardi Mahal) of the Ahmednagar Collectorate.


Noto,-In addinon there were anall basire at Tondoli flately startod) and Dahigaon.

APPENDIX $\mathbf{C}^{(1)}$.
Statement showing the villages in which woekkly Bazars are held in the Pdikard; Mahal of the Shevgaon T'aluka, Ahmseanagar Collectorato.


Notem-In addition theare are Bmall bazars at Albwawadi (lately atarted), Thkil and Birdamarg.

## APPENDIX $D$.

Detail of population according to occupation by percentages in the old Shevgaon Taluta consisting of 160 Governiment and 28 indim, in all 188, villages, as per Imperial Census of 1911.


Detail of population acoording to religion and education in the old Shevgaon Táluka consisting of 160 Governnent and 28 inám, in all 188 villages, as per Imperial Census of 1911.

| Sex |  | As PerImperial Censua of 1911 | Percentage on total popalation able to read or learning. | mbligion. |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Hindu csatea. |  |  |  |  |  |  | Musalman secta |  | Christians. | Parsees, | Others |
|  |  |  |  | Bráh ming | Dhangar. | Kunbi. | Mabár | Maratha | Vanjari. | Others. | Shaikb. | Otherg. |  |  |  |
| . 1 |  | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| Malea | . | 65,463 | 6.5 | 1,878 | 8,291 | 7,374 | 4,330 | 13,345 | 5,628 | 13,442 | 2,847 | 1,858 | 1,436 | $\cdots$ | 946 |
| Femaios | .. | 54,888 | 0.2 | 1,768 | 8,594 | 8,219 | 4,051 | 12,541 | 5,654 | 13,118 | 2,286 | 1,841 | 1,288 | ... | 787 |
| Total | $\cdots$ | 1,10,457 | $8 \cdot 4$ | 5,746 | 6,685 | 15,593 | 8,981 | 25,886 | 11,282 | 26,560 | 4,633 | 2,693 | 2,665 | ..- | 1,733 |

APPENDIX F.
Statement showing the Agricultural steck of the 186 Government villages in the Shevgaon Taluka of the Ahmednagar Collectorute during the year 1914-15.


- ㅍ 1106-11

APPENDIX G.
Statement showing births and deathe in the 186 Government villages of the Shevgaon Tailuka, Ahmednagar Distrut, for the yeara 1903-1919.

| Years. | Burtha. | Deathe. | Population according to last Imperial censes of 1911. |
| :---: | :---: | :---: | :---: |
| 1903 ... | 4,748 | 4,726 | \% |
| 1904 | 4,300 | 3,589 | " |
| 1905 ... | 4,003 | 3,086 |  |
| 1906 | 4,641 | 2,984 |  |
| 1907 | 4,645 | 3,672 | 1,15,046. |
| 1908 | 4,630 | 2,541 | 1,15,046. |
| 1909 | 4,766 | 2,493 |  |
| 1910 | 5,115 | 4,013 |  |
| 1911 | 5,654 | 2,404 |  |
| 1912 | 4,689 | 5,065 |  |
| Average for 10 years. | 4,719 | 3,457 |  |

APPENDIX $\mathbf{G}^{(1)}$
Statement showing shopa, indusiries, stc., in the 186 Goverwment villag of lhe Shergaon Täluka, Ahmednagar District.


APPENDIX E.
Statement of achools together with their average attendance in the yoar 1913.


APPENDIX $J$.
Statoment showing Wells, Budkit, Tanke and other sources of water-supply in the 186 Governvent villages of the Sheogaon Thazka of the Ahamednagar Colleotorate for the year 1912-13.


Abstract.

| District. | Destath | Welle, Budkis and the liko. |  | Tanks |  | Other aoturess. |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Pakko. | Keohbs. | Paikn. | Kncha, | Pakka. | Kıcham |
| 1 | 2 | $s$ | 4 | 6 | ${ }^{8}$ | 7 | 8 |
|  |  | 4,198 | 452 | ** | 1 | ." | .." |
|  |  | ${ }_{5}$ | - | 1 | $\cdots$ | 1,280 | $\cdots$ |
|  |  |  | a | .. | - | - 34 | ${ }^{5}$ |
|  | In disase | ${ }^{207}$ | 71 | .. | ." | 13 | ${ }^{1}$ |
|  |  | 4,602 | 835 | 1 | 8 | 1,867 | ${ }^{5}$ |
|  | Total fooordet at the oricinas mettiement: |  | ". |  |  | $\cdots$ | $\cdots$ |

## APPENDIX K.

Statement sinowing the selling value of dry-crop lands in the Government villaqes of the Shergaon Taluka, Ahmodnagar District, for the yeare 1911-12 to 1914-15.


APPENDIX K-continved.


APPENDIX K-contisued.


APPENDIX K-continued.

| $\begin{aligned} & \text { Ferisis } \\ & \text { No. in } \\ & \text { Appen- } \\ & \text { dix } \end{aligned}$ | Nume of village. | Number of soles. | Area of land sold. | Assessment. | Sale price. | Number of times the assessment represented by the price. | Remarks. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $\begin{aligned} & 146 \\ & 147 \\ & 148 \end{aligned}$ | Aroup III-concluded. <br> Bbatkudgana <br> Nimbe <br> Dhor-Jalguon (Nev) <br> Total of Group III ... <br> Group IF. | $\begin{array}{r} 2 \\ \cdot \\ 4 \end{array}$ | Acres <br> 33 <br> 14 <br> 87 | Es <br> 26 <br> 9 <br> 20 | Rs. | 323 |  |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  | 99 | 11.0 | $9 \cdot 9$ |
|  |  |  |  |  | 650 | 250 | 22.41 |
|  |  | 831 | 4,237 | 2,498 | 93,122 | 3727 | ... $\cdot$ |
| 4.51 |  | 3 |  |  | 474 |  | 67\%71 |
|  | Slungori |  | 18 | 6 |  |  |  |
| 252 | Thate ... | 1 | 23 | b | 500 | 100.0 | 9090 |
| 153 | Wadgron (Sher.) ... ... |  | 29 | 16 | 534 | 833 | $29 \cdot 11$ |
| 156 | Kolgaon .ow | 2 | 97 | 17 | - 325 | 250 | 29.36 |
| 156 | Mangral-Badruk ... | 10 | 37 | 20 | 444 | 222 | 20.18 |
| 157 | Mangral-Khurd ... | 1 | 4 | 1 | 30 | 30.0 | 27.27 |
| 158 | Antarwali-Budrux ... ... | 3 | 48 | 13 | 448 | $34 \cdot 4$ | 380 |
| 159 | Antarwali-Khurd (Sher) ... | 7 | 101 | 48 | 1,349 | 28.1 | 25.45 |
| 101 | Chedechandgaon ... ... | 2 | 19' | 8 | 199 | 248 | 22.11 |
| 162 | Belgamn ... ... | 1 | 21 | 7 | 200 | 285 | 27-88 |
| 263 | Chapadgaon ... | 2 | 40 | 21 | 300 | 180 | 17.34 |
| 164 | Sonesangri ... ... | 2 | 24 | 7 | 198 | 28. | 27.38 |
| 165 | Ravtale ... | 7 | 44 | 21 | 800 | 38.0 | 34.78 |
| 166 | Karudgaon - ... | 4 | 65 | 31 | 704 | 22.7 | 20.70 |
| 107 | Rakbhi | 1 | 25 | 16 | 900 | 562 | 500 |
| 128 | Thakur-Nimbganon ... | 2 | 38 | 8 | 299 | 37.3 | $3{ }^{3} \cdot{ }^{2}$ |
| 139 | Malcgaon ( $\mathrm{Nivv}^{\text {) }}$-.. | 8 | E8 | 20 | 389 | 18.8 | $18.13^{7}$ |
| 171 | Klaadke . ... | 3 | 12 | 8 | 158 | 29.7 | 1.58 |
| 173 | Mangi | 7 | 62 | 51 | 2,050 | 401 | 33.06 |
| 174 | Waksari | 2 | 25 | 18 | 900 | 50.0 | 40.80 |
| 176 | Pingoradi . ... | 8 | 18 | 16 | 900 | 56.3 | 45.0 |
| 277 | Kbampimpri ... ... | , 3 | 83 | 22 | 489 | 22.2 | 18.11 |
| 178 | Prabhnwadgaon ... | 8 | 14 | 10 | 250 | 550 | 20-88 |
| 281 | Balamtakli | 4 | 73 | 21 | 1,100 | 68.3 | 42.30 |
| 18. | Marmi | 2 | 87 | 11 | 175 | 15.9 | 18.46 |
| 185 | Batgaraa | 4 | 76 | 83 | 600 | 18.1 | 15.0 |
| 180 | Adhodi i | 1 | $20^{\circ}$ | 5 | 400 | 800 | 66-66 |
|  | Total of Group IV ... | 88 | $1,002$ | 460 | 15,824 | 33:31 | *** |
|  |  |  | 7,906 | 8,798 | 1,48,727 | 39.43 | \#'* |

Note,-In the remarks column is noted the maltuple of the asseasmen reckoned on a Rs. I-6 maximam fato basis orde paragraph 89 of report.
J. P. BRANDER,

Agsistant Settlement Officer,
Eastern Talukas, Ahmednagar.

APPENDIX L.
Statement showing mortgage valwe of dry-erop lapds is the Government inllages of the Skevgaon Táluka, Akinedn agar District, for the years 1911-12 to 1914-1高.



## APPENDIX M.

Statement showing leases of dry crop lands in the Government villages of the Shergaon Talwka, Ahmednagar District, for the geare 1911-12 to 1914-15.


APPENDIX M-continned.

|  | Name of Village. | Number of lesses. | Ares of Ind leased. | Assessment: | Rents. | No. of times the asserbmont represented by the rent. | Remarks. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| * | Group III-continued. |  | Acrea. | Ks. | Rs. |  |  |
| 69 | Deorai ... | 1 | 18 | 1.0 | 66 | 606 | 6.06 |
| 68 | Mandwe ... | 7 | 148 | 77 | 276 | 3.58 | 358 |
| 69 | Triggon. ... | 13 | 187 | 123 | 460 | 3.78 | 373 |
| 70 | Parewadi | 3 | 72 | 47 | 128 | 263 | ,203 |
| 71 | Javkhed Khalaa | 1 | 31 | 14. | 85 | $2 \cdot 5$ | 205 |
| 76 | Wagholi ... . ... | 1 | 18 | 38 | 26 | 200 | $2 \cdot 00$ |
| 79 | Wadule Khard . ... | 3 | 20 | 99 | 218 | 2.18 | 218 |
| 84 | Mailegaon ... .. | 1 | 15 | 14 | 80 | 571 | 5 |
| 85 | Samangaon ... | 1 | 5 | 6 | 25 | 4.16 | $4 \cdot 16$ |
| 86 | Wadule 13xdruk | 3 | 26 | 25 | 70 | 208 | 2508 |
| 88 | Amrapur ... | 5 | 57 | 76 | 285 | 8.75 | 3.75 |
| 97 | Nivdunge .0. . .. | 2 | , 38 | 22 | 60 | 272 | $22^{2}$ |
| 100 | Prablu Pimpri ... | 1 | 23 | 19 | 50 | $2 \cdot 68$ | 233 |
| 101 | Selwadignon ... ... | 2 | 20 | 11 | 23 | 209 | 191 |
| 103 | Sevgron * ... $\because$ | 23 | 648 | 270 | 1,121 | 415 | 377 |
| 104 | Strphe ... | 2 | 45 | 21. |  | 233 | 217 |
| 105 | Lolegaon ... | 1 | 14 | 9 | 20 | 2222 | $2 \cdot 00$ |
| 107 | Khamgaon ... | 2 | 65 | 58 | 375 | - 635 | 5 |
| 108 | Hingangaan (Nev.) ... | 4 | 60 | 53 | 475 | 898 | 7480 |
| 110 | Ehuntefal ... | 2 | 82. | 15 | 80 | $5 \cdot 33$ | 4.44 |
| 118 | Tajnapur ... ... | 2 | 52 | $4 \dot{8}$ | 560 | 380 | 3115 |
| 113 | ntorsade .... | 7 | 208 | 236 | 781 | 574 | \$70 |
| 114 | Antre ... | 1 | 27 | 24 | 44 | 183 | 1061 |
| 117 | Karjat Budruk * ... | 1. | 17 | 17 | 60 | :י52 | 2-85 |
| 118 | Bhahinimbgaon | 28 | 802 | 793 | 3,886 | 4.83 | $3 \cdot 95$ |
| 121 | Daplane ... | 1 | 34 | 27 | 150 | 555 | 454 |
| 125 | Gherri . . | 1 | 67 | 76 | 500 | 6.57 | $5 \cdot 37$ |
| 326 | Dhorchandgaon | 1 | 14 | 17 | 70 | $4 \cdot 11$ | 838 |
| 127 | Dhorhingni .. ... | 1 | 8 | 4 | 12 | , $\mathbf{8 . 0 0}$ | 204 |
| 132 | Lakhofal ... ... | 3 | 40 | . 86 | 190 | 5.27 | 4.31 |
| 133 | Khirdı . .. | 2 | 20 | 29 | 125 | 4.91 | 8.57 \% |
| 134 | Goglegaon ... . ... | 3 | 72 | 75 | - 886 | - 8881 | 310 |
| 135 | Dhas Erandgaon | $\mathfrak{a}$ | 35 | 17 | 74 | 485 | 853 |
| 138 | Samand Erantgaon ... | 1 | 28 | 7 | 24 | 842 | $2 \cdot 66$ |
| 187 | Bhagrat Erandgaon ... | 2 | 28 | 10 | 31 | 801 | 258 |
| 198 | Dahiphal ... -... | 2 | 42 | 30 | 88 | $2 \cdot 93$ | 237 |
| 189 | Ghotan .-. ... | 1 | 20 | 14 | 125 | 8792 | 735 |
| 140 | Antarrala Khurd (Nev.) ... | 5 | 86 | 36 | 170 | 472 | 8886 |
| 141 | Shahar Talill... ... | 4 |  | 57 | 240 | $4 \times 21$ | * $5 \cdot 49$ |
| 149 | Majteehnhar ... ... | 5 |  | 50 | 270 | 5.04 | 142 |

APPENDIX M-continued.


- Note. In the remarks column is noted the muluple of the asseaswent reckoned on a Re, I-6-0 maximum rate basis, vide parae 89 of zeport.

APPENDIX N.
Statement showing the prices prevalent in the Shergaon Tailuka from 1888-89 to 1913.

| Yebrs. | Seer $=80$ tolas and chhatak $=5$ tolas |  |  |  |  |  |  |  | Per mannd of 3200 | Remanks. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Jowwárí. | Bájri. | Wheat. | Tar-del. | Gram. | Kalthi. | Kardai. | Cotton (with seed). | Jowari hadbi. |  |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
|  | g. ch, | E. ch | E ch. | s. ch. | S. ch. | E. ch. | S. ch, | 8. ch. |  |  |
| 1888-89 | 206 | 169 | 159 | 134 | 174 | 224 | 230 | 75 | 054 |  |
| 1889-90 | 196 | 152 | 1211 | 111 | 133 | 186 | 19/14 | 74 | 064 |  |
| 1890-91 | 2314 | 198 | 1610 | 170 | 176 | 2611 | 2314 | 80 | 125 |  |
| 1891.92 | 23 1 | 170 | 1014 | 125 | .120 | 2012 | .1914 | 911 | 177 |  |
| 1892-93 $\quad \ldots$ | 179 | 156 | 106 | 100 | 1210 | 206 | 221 | 87 | 0107 |  |
| 1893-91 | 213 | 1710 | 1115 | 139 | 1712 | 280 | $20 \quad 0$ | 018 | 129 |  |
| 189489 | 244 | 186 | $27 \quad 7$ | 128 | 1910 | 247 | 284 | 715 | 090 |  |
| 1895. $\quad *$ | 285 | 2113 | 1614 | 102 | 151 | 2413 | 1715 | 84 | $\begin{array}{llll}0 & 6 & 9\end{array}$ | Figures from 1895 repre- |
| 1896 | 173 | 1410 | 118 | 108 | 1210 | 2016 | 167 | 715 | - 32 | aent average |
| 1897 | 911 | 715 | 615 | 713 | 611 | 177 | 1812 | 1013 | 2011 | .calendar year. |
| 1898 | 168 | 169 | 915 | 81 | 129 | 187 | 149 | 1011 | $05 \%$ |  |
| 1899 •** | 141 | 12 s | 98 | 89 | 118 | 140 | 374 | 103 | 01110 |  |
| 1900 | 87 | 712 | 74 | 615 | 84 | 106 | 112 | 613 | 182 |  |
| 1901 ... | 126 | 1211 | 77 | 78 | 103 | ** | $\begin{array}{ll}13 & 7\end{array}$ | 610 | 0106 |  |
| 1902 -* | 195 | 1710 | 86 | 10 II | 1210 | ** | 187 | 81 | 093 |  |
| 1903 ..* | 8115 | 2610 | 127 | 107 | 1315 | Eat | 178 | 80 | $\begin{array}{llll}0 & 6 & 4\end{array}$ |  |
| 1904 … | 288 | 2814 | 15 s | 1218 | 1810 | ** | 218 | 61 | $\begin{array}{llll}0 & 9 & 3\end{array}$ |  |
| 1905 *-* | 208 | 1410 | 140 | 111 | 182 | 485 | 1812 | 67 | 088 |  |
| 1906 ... | 142 | 1114 | 811 | 715 | 910 | $17 \quad 5$ | 118 | 60 | $014 \%$ |  |
| 1907 *** | 1712 | 1614 | 811 | 81 | 102 | 280 | 10 E | 71 | 0106 |  |
| 1908 ... | 1412 | 184 | 618 | 512 | 71 | 2012 | 97 | 610 | 1176 |  |
| 1909 ... | 198 | 1515 | 815 | 634 | 10.0 | 207 | 130 | 65 | 0120 |  |
| 1910 ... | 187 | 1611 | 84 | 1010 | 118 | 238 | 111 | 410 | 134 |  |
| 1911 -** | 1413 | 1210 | 118 | 1118 | 1512 | 238 | 102 | 50 | 104 |  |
| 1912 *** | 1811 | 1011 | 96 | 812 | 118 | 186 | 85 | - 58 | 258 |  |
| 1913 *** | 110 | $10 \quad 5$ | 88 | 72 | 113 | 158 | 98 | 58 | 289 |  |

APPENDIX $\mathrm{O}^{1}$.
Changes in occupied area for 160 Government Tillages of the Shevgaon Tailuka of Ahmednagar District into wohich the Revision Sottlement vaas introdwced in the year 1894-85.



APPENDIX $Q^{3}$.
Collections of asbessment on Government and indm land for 160 villages of the Shergoon Táluka of Ahmednagar Distriet into which the Revesion Settlement was introduced in the year 1884-85.

| YeAt. | Year's fixed land ravence demand. | Collectious | Balance remaining uncollected , out of column 2. | Collections of past year's arears, | Amount fankly remitted. | Remarke. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
|  | Rs. | Rs. | His. | Rs. | Rus. |  |
| 1885-86 ${ }^{\text {* }}$ | 1,84,647 | .3,71,582 | 7 | 34. | 13,058 |  |
| 1886-87 | 1,78,304 | 1,65,383 | . 24 | 7 | 12,946 | , |
| 1887-88 | 1,78,297 | 1,74,668 | 111 | 24 | 3,521 | Remissuons on account |
| 1888-89 | 1,78,843 | 1,72,167 | 3,201 | 80. | 3,554, | ( of Revision Settie. |
| 1889-90 | 1,78,461 | 1,76,941 | 381 | 3,201 | 1,188 |  |
| 1890-91 | 1,78,582 | 1,77,339 | 56 | 301 | 1,186 |  |
| 1891-92 | 1,79,836 | 1,79,665 | 171 | 177 | ... |  |
| 1892-93 | 1,80,606 | 1,80,383 | 222 | 171 | $\ldots$ |  |
| 1893-94 | 1,81,793 | 1,81,702 | 91 | 222 | ... |  |
| 1894-95 | 1,81,983 | 1,81,892 | 91 | 91 | ... |  |
| 1895-96 | 1,82,504 | 1,82,504 | ... | 91 | ... |  |
| 1896-97 | 1,82,443 | 1,75,072 | 7,371 | '. | ... |  |
| 1897-98 | 1,82,290 | 1,70,960 | 11,330 | 4,896 | ... |  |
| 1898-99 | 1,82,174, | 1,77,706 | 4,467 | 12,326 | ... |  |
| 1899 -00 | 1,82,170 | 1,06,612 | 75,558 | 1,332 | ... |  |
| 1900-01 | 1,82,091 | 96,829 | 55,261 | 38,559* |  |  |
| 1901-02 | 1,82,083 | 1,43,867 | 37,996 | 38,503 | 88,030 |  |
| 1902-03 | 1,82,045 | 1,74,248 | 7,753 | 18,225 | 20,894 |  |
| 1903-04 | 1,81,959 | 1,78,653 | 3,180 | 4,965 | 2,365 |  |
| 1904-05 | 1,81,900 | 1,12,591 | 69,282 | 256 | 26 |  |
| 1905-06 | 1,81,902 | 90,820 | 87,361 | 7,283 | 8,362 |  |
| 1906-07 | 1,81,936 | 1,64,932 | 13,284 | 52,035 | 5,874 |  |
| 1907-08 | 1,78,300* | 1,40,010 | 38,289 | 14,024 | 34,545 | - Decrease due to sbolition of patasthal water tate. |
|  |  |  |  |  |  |  |
| 1908-09 | 1,78,995 | 1,47,929 | 31,036 | 32,960 | 34,817 |  |
| 1909-10 | 1,79,183 | 1,78,361 | 821 | 41,115 |  |  |
| 1910-11 | 1,79,208 | 1,59,290 | 63 | 4,158 | 22,755 |  |
| 1911-12 | 1,79,515 | 1,39,396 | 40,119 | 1,919 | 10,168 |  |
| 1912-13 | 1,79,704 | - 34,970 | 1,44,571 | 165 | 161 |  |
| 1913-14 | 1,79,702 | 1,79,697 | $\ldots$... | 1,57,616 | 95 | + Thare were Rs, 26,707 mirears of 1918-14 out standing at the close of 1918-14. |

The 160 vallages referred to above are tho smme as those given below $\Delta$ ppendix or

## APPENDIX $\mathrm{O}^{2}(a)$

Collections of aseesament on Govermment and inain land for 10 Government villages (formerly of Nevása Táluka and tranzferred in the year 1913 to Shevgaon Tábuka, Ahmedurgar Dutrict), into which the Revisian Settlement was introducal in the year 1883-84.

| Yesx. | Yeary fixed land revenae demand. | Collections. | Balanoe remsinugg uncollected ont of columan 2. | Colloctions of past year's artears. | Amount fin remitted. | Remarks. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| : | 2 | 3 | 4 | 5 | 6 | 7 |
| - | Re. | Es. | Rs. | Rs, | Rs. |  |
| 1884-85 | 9,121 | 9,118 | . 8 | ... | ... |  |
| 1885-85 | -9,131 | 9,131 |  | *** | .. |  |
| 1886.87 | 9,182 | 9,171 | 10 | 8 |  |  |
| 1887.88 | 9,247 | 9,247 |  | 10 | ... |  |
| 1888-89 | 9,292 | 9,271 | 20 |  | ... |  |
| 1889-90 | 9,312 | 9,307 | 5 | 3 | 18 |  |
| 1890-91 | 0,314 | - 9,302 | 11 | ... | 5 |  |
| 1891.92 | 9,314. | 9,314 | ... | 12 |  |  |
| 1892-93 | 9,322 | 9,322 | ... | $\cdots$ | $\cdots$ |  |
| 1893-94 | 9,343 | 9,34.3 | $\ldots$ | ... | -. |  |
| 1894-95 | 9,843 | 9,344 | $\cdots$ | ** | ... |  |
| 1895-96 | 9,366 | 9,866 | $\cdots$ | $\cdots$ | '. |  |
| 1896-97 | 9,446 | 9,255 | 191 |  | ... |  |
| $1897-88$ | 9,446 | 9,238 | 208 | 147 | $\cdots$ |  |
| 1898-99 | 9,439 | 9,259 | 179 | 244 | ... |  |
| 1899-00 | 9,485 | 5,267 | 4,163 | 99 | :.. |  |
| 1900-01 | 9,435 | 2,371 | 7,064 | - 406 |  |  |
| 1901-02 | 9,435 | -5,769 | 3,663 | 2,531 | 8,526 |  |
| 1902-03 | 9,435 | 9,216 | 219 | 177 | 3,193 |  |
| 1903-04. | 9,485 | 9,366 | 69 | 222 |  |  |
| 1904-05 | 9,435 | 6,424 | 3,011 | 54 | ... |  |
| 1905-06 | 9,435 | 6,546 | 2,889 | ... | 1 |  |
| 1906-07 | 9,457 | 9,347 | 110 | 17 | 19 |  |
| 1907-08 | 9,461 | 1,668 | 7,793 | 128 | 2,800 |  |
| 1908-09 | 9,469 | 6,711 | 2,738 | 614 | 2,335 |  |
| 1909-10 | 9,477 | 9,122 | 355* | 6,175 | . $10 * 11$ |  |
| 1910.11 | 9,477 | 9,082 | 395 | 2,362 | - 1,311 |  |
| 1911-12 | 9,477 | 8,225 | 1,251 | 354 | 960 |  |
| 1912-13 | 9,470 | 1,224 | 8,245 | 97 | ... |  |
| 1913-14 | 9,573 | 9,573 | ... | 8,722 | - ... |  |
| The ten villages roferred to above are :- |  |  |  |  |  |  |
| 1 Nimabs. <br> 2 Nandar <br> 8 Dhorjalgann <br> 4 Alchatrade. |  |  | 5 Bhatkudgann, <br> 6 Bhaigaon. <br> 7 Daudpar. <br> 8 Baktapur. |  | 8 Shathartakii. 10 Majleshâhar. $\star$ |  |

APPENDIX $\mathrm{O}^{3}(\mathrm{~b})$.
Collections of assessment on Government and inam land far 16' Government villages (formerly of Jamkhed Tálwha and transferregl in the yoar 1913 to Pathardí Makal of Shevgaon. Taluka, Ahmednagar Distriot) into which the Revision Settlement was introduoed in the year 1886-87.

| Yoar. | Tear's fixed land revenue demand. | Colliections. | Balance remaining uncollect out of colamn 2. | Gollection ${ }^{-1}$ of past year's arrears. 4. | Amonnt flaully remutted | Remarks. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1" | 2 | 8 | 4 | 5 | 6 | 7 |
|  | Rs. | Rs. | $\mathbf{R s}_{\text {s }}$ | R.s. | Re. |  |
| 1886-87 | 27,567 | 25,484 |  | $\cdots$ | 2,103 |  |
| 1887-88 | 27,567 | 25,464 | ... | ... | 2,103 |  |
| 1888-89 | 27,602 | 27,278 | ... | . | 323 | Remissions on account |
| 1889-90 | 28,448 | 28,125 | ... | ... | 322 | in the Revioion |
| 1890-91 | 28,385 | 28,277 | ... | ... | 58 | Settloment. |
| 1891-92 | - 28,477 | 28,419 |  | $\cdots$ | 58 |  |
| 1892-93 | .. 28,352 | 28,352 | $\ldots$ | .. | $\cdots$ |  |
| 1893-94 | 28,383 | 28,383 | $\ldots$. | ** | ... |  |
| 1894-95 | ... 28,413 | 28,413 | $\cdots$ | -00 | - ... |  |
| 1895-96 | ... 28,566 * | 28,366 | ... | ... | . ${ }^{*}$ |  |
| 1896-97 | 28,348 | 28,34.8 | $\cdots$ | *** | ... |  |
| 189\%-98 | 28,871 | 28,129 | 242 |  | ... |  |
| 1898-99 | … 28,365 | 27,985 | 440 | 254 | ... |  |
| 1899-00 | 28,365 | 22,805 | 5,560 | 536 | $\cdots$ |  |
| 1900-01 | .. 28,365 | 24,317 | 4,048 | 4,841 |  |  |
| 1901-02 | 28,365 | 27,236 | 1,129 | 2,094 | 3,810 |  |
| 1902-03 | ... 28,329 | 28,318 | 11 | 325 | 949 |  |
| 1903-04 | 28,329 | 23,234 | 35 | 26 | 5 |  |
| 1904-05 | .. 28,329 | 28,309 | 19 | 58 | $\ldots$ |  |
| 1905-06 | 28,329 | 28,275 | 54 | $\xrightarrow{19}$ | . $\cdot$ |  |
| 1906-07 | 28,329 | 28,275 | 53 | 55 | 53 |  |
| 1907.08 | 29,426 | 28,948 | 478 | - | ... |  |
| 1908-09 | ... 29,427 | 29,389 | 28 | 475 | $\cdots$ |  |
| 1909-10 | ... - 29,424 | 29,424 | ... | 31 | ... |  |
| 1910.11 | ... 20,423 | 29,423 | - | ... | ... |  |
| 1911-12 | ... 29,435 | 39,435 |  | ... | .-. |  |
| 1912-13 | .. 29,485 | 2,540 | 26,895 | - | - ... |  |
| 1913-14 | - 29,435 | 29,435 | * ... | 26,945 | ... |  |



APPENDIX P.
Statement of coercive processes in 186 Govermment villages of Shsvgaon
Talkka, Ahmednagar District.

| Rovonon yaxr. | Notices. | $\begin{aligned} & \text { One-fourth } \\ & \text { fine. } \end{aligned}$ | Ditraint. | Laxd solde | Othera, | Remarks. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | 2 | 3 | 4 | 6 | 6 | 7 |
| 1886-87 .. | $\ldots$ | ... | -*. | ** | ... |  |
| 1887-88 .. | ... | ... | .." | ... | ... |  |
| 1888-89 ... | $\ldots$ | ... $\cdot$ | ." | ... | ... |  |
| 1889-90 ..' | ... | -n | ... | $\cdots$ | -* |  |
| 1890-91 | 678 | 1 | 4 | ... | ... |  |
| 1891-92 | 197 | 11 | ... | 3 | ... |  |
| 1892-93 | 45 | .. | ..- | ... | - |  |
| 1893-94 .. | 45 | ... | ... | ... | ..* |  |
| 1894-95 | 1,175 | ... | ... | ... | ... |  |
| 1895-96 | 1,172 | ... | ... | ... | ... |  |
| 1896-97 | 1,604 | ... | ... | ... | ... |  |
| 1897-98 ... | 7779 | ..' | ... | ... | $\cdots$ |  |
| 1898-99 .. | 269 | .*. | ... | ." | ... |  |
| 1899-00. ., | 5,011 | 1 | 3 | ..' | -d |  |
| 1900-01 .. | 156 | ... | ... | ... | ... |  |
| 1901-02 .- | 1,734 | - ... | 7 | ... | 10 |  |
| 1902-03 .. | 2,484 | ... | 12 | ... | ... |  |
| 1903-04 .. | 1,826 | ... | - 25 | ... | ..* |  |
| 1004-05 | 2,180 | ... | 107 | 1 | 3 |  |
| 1905-06 | 3,707 | ... | ... | ... | $\cdots$ |  |
| 1906-07 .. | 3,839 | ..** | 125 | ..* | ... | , |
| 1907.08 .. | 2,471 | ... | 267 | 11 | 212 |  |
| 1908-09 | 1,058 | 2 | 118 | 2 | 36 |  |
| 1909-10 .. | 15 | 791 | 37 | 1 | $\cdots$ |  |
| '1910.11 .. | 11 | 10 | 15 | 1 | 4 |  |
| 1911-12 *.. | 1 | 23 | 5 | ... | ... |  |
| 1912-13 | ... | 9 | ... | 5 | ... |  |
| Total ... | - 37,451 | 848 | - 724 | 24 | 268 |  |

APPENDIX Q.

Effect of Revision Setllement proposals

a.
on Government occupied land.


Q.--oantinubd.


$Q-$ continmed．

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | Name ot．Vilage． |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Maxtinam Bates． |  |  | Dry－mrop． |  |  | Bice． |  |  | Garden． |  |  | Total |  |  |  |  |  |
| $\begin{aligned} & \dot{8} \\ & \stackrel{8}{8} \\ & \stackrel{8}{E} \end{aligned}$ | $\frac{\dot{8}}{4}$ | $\begin{aligned} & \text { 品 } \\ & \text { 品 } \\ & \text {. } \end{aligned}$ | $\frac{4}{4}$ |  | $\begin{aligned} & \text { 卷 } \\ & \text { E } \\ & \text { 4 } \end{aligned}$ | 穿 |  | $\begin{aligned} & \dot{4} \\ & \text { 范 } \\ & 4 \end{aligned}$ | 名 |  | 容 | $\frac{5}{4}$ |  | 4 |  |  | 咅 |
| 13 | 20 | $2 \pi$ | 22 | 23 | 93 | 25 | 28 | 27 | $\Rightarrow$ | 29 | 90． | 31 | 83 | 83 | 34 | 95 | 30 |
| Res： P ． | no． | Her | Acres | Rs | Resat at | Aares． | Re． | Rs． | Axers | Re． | H3，at．p． | Acres， | $\mathrm{Hi}_{8 .}$ | \％в．a． p |  | Group III－continded． |  |
|  | $\cdots$ | $\cdots$ | 1，059 | 845 | 14 | $\cdots$ |  | ． | 88 | 47 | 10 | 1，087 | 992 | 0147 | $18 \cdot 18$ | Chitali Junt | 0 |
| 110 | $\cdots$ | $\cdots$ | 2，955 | 1，774 | 0180 | ．＊ | $\cdots$ | ．．＇ | 125 | 207 | 185 | 2，380 | 1，981 | 0120 | 1818 | Padali | 20 |
| $1300$ | $\cdots$ | $\cdots$ | 897 | 601 | 080 |  | $\cdots$ | －．． | \＄8 | 68 | 120 | 1，023 | 665 | 010 | 1818 | Hatral－ | 01 |
| 1100 | $\cdots$ | ＂ | 1，308 | 592 | 082 | $\cdots$ | m | $\cdots$ | 92 | 61 | 1108 | 1，400 | 688 | 007 | 18．18 | Saudapar | 5 |
| 150 | ．． | $\cdots$ | 4，096 | 2，800 | 010 a | ．． | ． | － | 990 | 491 | 188 | 4，346 | 3，002 | 0114 | 1818 | Nirdunge | 9. |
| 1100 | ．． | ＊ | 1.808 | 817 | 0100 | ＂ | ．＊ | $\cdots$ | $\otimes$ | 149 | 1114 | 1，380 | 068 | 0112 | 1818 | Dhamnagaon | $\mathrm{g}^{6}$ |
| 1100 | $\cdots$ | － | 2，898 | 1，108 | 006 | $\cdots$ | ．＇＊ | ． | 111 | 177 | 198 | 1，974 | 3，285 | 0104 | 1818 | Malibabhalgaon | ${ }^{86}$ |
| 1100 | － | $\cdots$ | 1，189 | 002 | 0184 | ＊＇ | ．．． | － | 82 | 47 | 176 | 1，221 | 1，039 | 0157 | 5000 | Prabhapimpri | 100 |
| 1100 | $\stackrel{ }{ }$ | $\cdots$ | 1，406 | 706 | 080 | ．．＇ | ＇： | a． | 200 | 175 | 198 | 1，517 | 891 | 083 | 3000 | Salmadgaan | 101 |
| 100 | $\cdots$ | $\cdots$ | 721 | 542 | 0180 | $\cdots$ | $\cdots$ | $\cdots$ | － | $\cdots$ | ．．． | 721 | 648 | 0120 | 30．00 | Warur Khard | 108 |
| 1100 | ＂＊ | － | 10，086 | 5，369 | $\mathrm{O}_{0} 86$ | $\cdots$ | $\cdots$ | －＊ | 467 | 991 | 2111 | 10，509 | 6，580 | 098 | 5000 | Shavgnoz | 108 |
| 1100 | $\cdots$ | $\cdots$ | 774 | 48 | 031 | ＂＇ |  | $\cdots$ | 7 | 18 | 1113 | 78 I | 430 | 095 | 8000 | Sharple | 104 |
| 1100 | － | $\cdots$ | 721 | 583 | 018 | $\cdots$ | $\cdots$ | ．＊＊ | 14 | 23 | 1103 | 735 | 010 | 0184 | 80．00 | Lrolegaon | 105 |
| $130 \mathrm{p}$ | $\cdots$ | ， | 1，235 | 1，276 | 107 | $\cdots$ | ＂• | － | 27 | 4 | 11110 | 1，852 | 1，383 | 1010 | 3000 | Joharapur | 108 |
| $1 \cdot 10$ | $\cdots$ | ．．． | 1，408 | 1，509 | 180 | $\cdots$ | $\cdots$ | －． | 17 | 88 | 1113 | 1，836 | 1，598 | 181 | 8000 | Khamgaon | 108 |
| 1100 | － | $\cdots$ | 1，408 | 2，018 | 10 | $\cdots$ | $\cdots$ | $\ldots$ | $\pm$ | $\cdot$ | ． 0 | 1，8088 | 2，012 | 180 | 44.45 | Hingangaon（Nev） | 108 |
| 1100 | $\cdots$ | $\cdots$ | 769 | 97 | 18 | $\cdots$ | $\cdots$ | $\cdots$ | 4 | 6 | 180 | 756 | 008 | 181 | 44＊44 | Dadogaon | 109 |
| 1180 | ＊＊ | ．．． | 1，458 | 983 | 0 187 7 |  | ＂＊＊ | ．．． | 09 | 118 | 1102 | 1，882 | 1，099 | 0138 | 444 | Khuntaphal | 10 |
| $1100$ |  | ＊＇ | 1，409 | 685 | 071 | ．． | i． | $\cdots$ | 44 | 68 | 180 | 1，540 | 781 | 07 \％ | $4{ }^{4} 4$ | Talni |  |
| 110 | $\cdots$ | ．．． | 4，078 | 988 | 0150 | $\cdots$ | $\cdots$ | $\cdots$ | 88 | ${ }^{\text {ve }}$ | 1111 | 1，100 | 984 | 0142 | 444 | Tajnapar | 12 |
| 110 of | $\cdots$ | m | 12972 | 1，929 | 0156 | ＊ |  | ．．． | 14 | 23 | 1103 | 1，380 | 1，862 | 0157 | 414 | Dhorsede | 13 |
| 2100 | ．．． | $\ldots$ | 732 | 1，041 | 158 | ．．． | $\cdots$ | ．．． | ．．＇ | $\cdots$ |  | 762 | 1，041 | 15 | 4ind | Antre | 114 |
| 1100 | $\cdots$ | $\cdots$ | 020 | 893 | 0 | $\cdots$ |  | $\cdots$ | $n 1$ | $-17$ | 188 | 1，093 | 800 | 131 | 4444 | Bodkhe |  |
| 1100 | $\cdots$ | － | 2，182 | 698 | 00 | $\ldots$ | $\cdots$ | $\cdots$ | 19 | 38 | 1101 | 1，181 | 728 | 0100 | 44．43 | Karjat Khard |  |
| 1100 | $\cdots$ | ＊＊ | 975 | 1，879 | 1 | ．． | $\cdots$ | $\cdots$ |  | ．＊ | $\cdots$ | 975 | 1，278 | $1 \leq 11$ | 4 $4 \times 1 / 4$ | Kajot Budruk | 12 |
| 2100 | ．t． | $\cdots$ | 8，500 | 4，889 | 184 | $\cdots$ | $\cdots$ | － | 58 | 300 | 1117 | 8，888 | 4，488 | 138 | 444 | Bbabl Nimbgaon | 118 |
| 1300 | $\cdots$ | $\cdots$ | 781 | 77 | 104 | $\cdots$ | ．．． | $\cdots$ | 18 | 32 | 112 b | 779 | 809 | 107 | 4445 | Sultanpur Budruk | 18 |
| 2100 | ＊ | － | 1，100 | 1，579 | 15 | $\cdots$ | $\cdots$ | － | 2 | 8 | 180 | 1，195 | 1，682 | 152 | 4445 | Numbari | 20 |
| 1100 | $\cdots$ | $\cdots$ | 8，048 | 2，178 | 1 | $\cdots$ |  | $\cdots$ | E | 18 | 864 | 2，053 | 2，188 | 110 | 44＇44 | Deolane |  |
| 1100 | － | $\cdots$ | 4 A | 6.58 | 102 | － | －＊ |  | $\cdots$ | $\cdots$ |  | ers | 658 | 102 | 444 | Badhavangacm | 128 |
| 1100 | $\cdots$ | $\pm$ | 820 | 788 | 1158 | ．．＊ |  | － | ． | ．．． |  | 880 | 788 | 0104 | 4445 | Brahmangean | 123 |
| 1100 | ． | m | 1，710 | 8，162 | 1 ＊2 |  | 4 | $\cdots$ | 14 | 28 | 181 | 1，784 | 8，184 | 14 | 444 | Agar Mamdur | 134 |
| ， $100^{-1}$ | $\cdots$ | － | 8，189 | 4，40s | $1{ }^{1} 168$ |  | $\cdots$ | ， | 45 | 85 | 1143 | 9，177 | 4，488 | 67 | $44_{4}^{4}$ | Ghevri | 195\％ |
| 1100 | ${ }^{\circ}$ | $\cdots$ | 2，203 | 8，18\％ | 171 |  | $\ldots$ | ．． | 10 | 14 | 16. | 9，818 | 8.199 | 171 | 44\％\％ | Dhorchanagaon | 129 |
| 1100 | － 4 | ＂ | 727 | ${ }^{88} 8$ | 182 | ＊＊ | ．．． | $\cdots$ | $\cdots$ | $\cdots$ |  | 887 | 826 | 129 | 44.4 | Dhorhingal | 188 |
| 1100 | 4 | $\cdots$ | 1，684 | 1，219 | 150 | $\cdots$ | $\cdots$ | $\cdots$ | 14 | 24 | 1115 | 1，008 | 1，848 | 186 | 4444 | Hingangaon（\＄her．）．－－ | 128 |
| $1100$ | $\cdots$ | ．． | 501 | 887 | 0 14， 8 | － | ．．． | $\ldots$ | 6 | 11 | 1 18 4 | 687 | 608 | 0117 | 444t | Nyabsil | 189 |
| 1100 | เ．． | ＊＊ | 988 | ${ }^{303}$ | 188 | $\ldots$ | $\cdots$ | ．．． | $\cdots$ | ．．． |  | 288 | 803 | 188 | 24 44 | Morgavhan | 130 |
| 1100 | $\cdots$ | $\ldots$ | 846 | 1，061 | 1510 | $\ldots$ | $\ldots$ |  | $s$ | 6 | 100 | 818 | 1，057 | ． 818 | $4{ }^{4} 4$ | Kampur | 19， |
| 108 | ＂． | $\cdots$ | 3，988 | 8， $5 \%$ | 111 |  | ．．． | ．． | 80 | 84 | 11010 | 8，889 | 8,859 | 113 | 444 | Lakthephal | 198 |
| 1100 | $\cdots$ | － | 2，809 | 2107 | 138 | － | ．．． | －． | $\bigcirc$ | 16 | 128 | 1，819 | 2，177 | 182 | 454 | Khirdi | 163 |
| 1100 | $\cdots$ | $\pm$ | 680 | 1，340 | 288 | $\ldots$ | ＊ | ． | ． | ．．． |  | 886 | 1，245 | 105 | 444 | Goglegama | 184 |
| 1100 | $\pm$ | － | 1，sin | 1，107 | 0 13 | －． |  | $\cdots$ | 8 | 134 | 1101 | 1，403 | 1，241 | 0 ll 1 | 444 | Dhas Emadyan |  |
| 1100 | 4 | ＊＊ | 1，110 | 818 | 0 is 0 | $\ldots$ | $\ldots$ | $\cdots$ | 62 | 100 | 1108 | 2，180 | 1，013 | 01818 | 144 | Sumand Erandgaon ．．． | 188 |
| 1100 |  | $\cdots$ | 1，630 | 1，929 | 0180 | ．．． |  | ． | 68 | 113 | 110 | 1，488 | －1，336 | 0134 | 414d | Bhagwat Eraudigan ．．． | 137 |
| 1100 | $\cdots$ | $\cdots$ | 4，988 | 2，945 | 0108 | ．．． | $\cdots$ |  | ＊ | 70 | 1100 | 4，489 | 3，016 | 1010 | 414 | Dahiphal |  |
| 110 of | $\cdots$ | $\pm$ | 2，84 | 2.408 | 0104 | ．．． |  | $\cdots$ | 106 | 326 | 1106 | 4.037 | 2，800 | O1 1 | 464 | Ghotun $\quad=$ | 189 |
| 2100 | $\cdots$ | ． | 7 | 600 | 0188 |  |  |  | ．．． | $\cdots$ |  | 71 | 858 | 138 | 4 | Antarvall Khard（Net） | 140 |
| 1200 | $\pm$ | $\cdots$ |  | 1，4 | 014 |  |  |  | 136 | \％ 4 | 113 | 1，819 | 1，719 | 0151 | $4 \cdot 4$ | Shaliar Takul m． | 141 |
| 1109 | ＊＊ | $\cdots$ | 1，469 | 910 | 0100 |  |  | $\cdots$ | cos | 7 | 140 | 1，481 | 884 | $010 \%$ | 464 | Matio Shahap | 14 |



Q-canclsuded.


## APPENDIX R.

The papers of the first Revision Settlement of Shevgaon Talnka, Ahmednagar District, are contained in Government Selections No. CLXVII, New Serios.

The papers regarding the previous settlements of 10 Government and 4 inam villages transferred in the year 1913 from Netása Taluka to Shevgson Taluks and of 16 Government and 2 inam villages transterred in the tear 1913 from Jamkhed Talaka to Pathardi Mahal, Shevgaon Táluka, are in Government Seleotions No. CCLX, New Series, and CLXXXIII, Now Series, respectively.

APPENDIX $\mathbf{S .}$
186 Government villayes.

| $\begin{aligned} & \text { Nodimber } \\ & \text { of rillages } \\ & \text { (in detain), } \end{aligned}$ | $\begin{array}{\|c\|} \text { Year } \\ \text { of } \\ \text { Bettlement. } \end{array}$ | AuthorityGovernmentRebolation No,RevonueDapartanept. | $\begin{aligned} & \text { Printed in } \\ & \text { aelection } \\ & \text { No. } \end{aligned}$ | $\begin{gathered} \text { Yoar } \\ \text { yop } \\ \text { exprey. } \end{gathered}$ | $\underset{\text { gronps }}{\text { Old }}$ |  | $\begin{gathered} \text { New } \\ \text { propused } \\ \text { groppas, } \end{gathered}$ | $\underset{\substack{\text { Nox } \\ \text { maximum } \\ \text { rutay }}}{\substack{\text { and }}}$ | Lucrasa, |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |  | $\underset{\substack{\text { Por } \\ \text { woat. } \\ \hline}}{ }$ | Annas in the rupse |
| 1 | 2 | $s$ | * | - 5 | 6 | 7 | -8 | 8 | 10 | 11 |
| 180 | 188485 | ${ }_{1886}^{\$ 889}$ of 10 th Msy | CLIXII | 2181814 | $\left\{\begin{array}{c}\text { I } \\ \text { II } \\ \text { III }\end{array}\right.$ | 16 $1-4$ $1-2$ | $\} \cdot \mathrm{I}$ | 1-14 | 4159 8757 |  |
| - $\begin{array}{r}10 \\ \hline 18\end{array}$ |  | ${ }^{2985}$ of ath Mas <br>  | $\left\lvert\, \begin{array}{r} \text { OGLX } \\ \text { CLIXXIIII } \end{array}\right.$ | 1011-18 | $\left\{\begin{array}{r}\text { III } \\ \text { III } \\ \text { I }\end{array}\right.$ | $1-4$ $1-8$ 10 | $\} \begin{aligned} & \text { III } \\ & \text { IV }\end{aligned}$ | 1.10 1-8 | 2967 2702 | $\begin{aligned} & 48 \\ & 43 \end{aligned}$ |
| Total . 188 | $\cdots$ | *" | .... | . ${ }^{-\cdots}$ | 8 | ** | * | " | ${ }^{81} 900$ | 5 |

J. S. BRANDON,

Assistant Settlement Officer,'
Eastern Tálukas, Ahmednagar:


APPENDIX FT-Inám villages.
Statement showing the Agricultural Btock of the $3 \mathbb{L}$ surveyed inam Fillager in the Skorgaon Táluka of the Ahnednagar Collectorate during the year 1914-15.


## APPENDIX K.-Inám villages.

Statement showing the selling value of drymerop lande in the inan villages of the Shevgaon Taluka, Almednagar District, for the years 1911-19 to 1914-15.


APPENDIX M.-Inh́m villages.
Statement showing leases of dry-crop lamds in the inam villages of the Shevgaon Tiluka, Ahmednagar District, for the yoars 1911-12 to 1914.15.


APPENDIX $Q$


## Q.-Inam Villagba

on Khalsa occupied land.



## l-Inam Villages--continued.


(Below No. M.-114, dated 22nd September 1915, from the Assistant Settlement* Ofleer, Eastern Tälukas, Ahmednagar, to the Collector of Ahmednagar.)

## No. Lnd.-179 of 1916.

Ahmednagar, 19th February 1916.

## Forwarded with compliments to the Commissioner, Central Division, Poona.

2. These proposals have been worked out in consultation with me at various stages and should, I think, be generally acceptable. I have seen the tract through the worst season it has had to face since the last settlement, though prices were far higher in 1897 and 1900 owing to the larger area affected by famine conditions. I have seen the tract recover in two good years, of which the first was marked by an exceptionally favourable kharif season and high prices but poor late rains, leaving the subsoil water-level lower than ever, and the second by good rains, both kharif and rabi. The latter woutd have put good money into the pockets of all cultivators, and substantially improved their position had prices, especially of cotton, been less oruelly unfavourable. This was the season in which Mr. Brander inspected the tract closely, and care has been taken to discount carefully any impression which may have been formed under special and unusual conditions. Now, as I write, a third good monsoon, inclining to excessive rainfall for some crops and soils, is with us, and reports from the tract under consideration all point to a generally prosperous year if prices are favourable. Throughout these good years there have been heavy arrears of land revenue and tagái to colleat, but as regards the former we now start with a rasa tabula and there is no evidence that our collections have impeded unduly the material progress of the area under review.
3. It is unnecessary to support the proposed general enhancement for the tiluke at any great length. The rise in prices demands an immediate adjustment of our previous valuation of all field produce. Mr. Brander has effectively analysed these prices in paragraph 67 of his report, and it is only necessary to remember in addition that cotton cultivation and the substitution of other valuable crops are steadily on the increase, to dispel any doubts as regards the considerable rise in value of the average harvest since the date when the last settlement was introduced. Improved communications contribute of course to these better prices, Metalled roads, as correctly pointed out by Mr. Brander, are not of much importance to villagers bringing in their produce to the nearest market in the fair season, but the local bazár rates vary directly with Nagar prices and a metalled road makes all the difference over a long lead.
4. This brings us to the question of grouping, and I have no hesitation in condemning with Mr. Brander the old grouping, whish laid so much stress orr distances from Nagar. When the old Jamkhed Tálaka rates were revised in the year following the revision of Shevgaon rates, no objections were raised to the imposition of a rate of Rs. 1-6-0 on the villages adjoining the 2nd Class villages of Shevgaon, and I am convinced that climatic considerations far otitweigh the disadvantages of distance from Nagar and inferior communication in the area east of Páthardi whioh Mr. Brander has now included in his tirst group. Last year I travelled up from Jamkhed through the Baleghát villages and so from Kharwandi to Páthardi through the area in question, and bad ample opportunities to compare the old Jamkhed and new Pathardi villages. Their superiority to the Tisgaon group of villages was well marked, even after a severe famine which had for once attacked even the favoured Baleghat tract. Again I entirely endorse Mr. Brander's selection of villages for his second group. The villages north of Shevgaon were treated far too leniently at the last settlement. The westward extension of the last group is certainly sound. This group now contains areas of excellent as well as very thin soils but conditions of climate and prices are very similar and the resulting rates based on classification strike me as fair.

E 1108-20*
5. I have purposely not dealt with various minor points of administration raised in Mr. Brander's report, but I must correct the small errors. In paragraph 26 Mr . Brander has undervalued the expenses of cotton cultivation, but the fact remains that with average prices cotton is an exceedingly paying orop in this Taluka. In paragraph 45 Mr. Brander has failed to realise that emigration is, to a greater or less extent according to the senson, a yearly occurrence. For the rest Mr. Brander bas drawn an accurate description of agricultural conditions, and in spite of the undoubted rise in wages and in the cost of cattle I have no hesitation in supporting these proposals.
6. The proposed rates were published in the month of December 1915 in *Shevgaon Taluka and November 1915 in the Páthardi Mahál and I attach the petitions of objections received. No special points for consideration are raised in these papers.
7. As new rates cannot introduced in the old Jamkhed villages till 1916.17 and the first instalment this year is already passed (Government Resolution No. 1447, dated 27th February 1901, Revenue Department) it will be more convenient presumably to introduce the new sattlement for the whole tract before the first instalment of 1916-17.
8. As regards the inam villages Mr. Brauder's proposals are, I think, acoeptable. In view of the facts stated in his paragraph 109 I think that the abolition of all patasthal is clearly advisable. I do not think the situation is affected by the recent orders contained in Government Resolution No. 11926, dated 1Ith November 1915. Pátasthal advantages in this area are really non-existent except to a slight extent in a year of aboormal late rainfall. On an average there is nothing at all to assess.
(Signed) P. J. MEAD,
Collector of Ahmednagar.

No. S. T. 84.

$$
\text { Poona, } \frac{10 t h \text { April }}{8 t h \text { May }} 1916 .
$$

From

F. G. H. ANDERSON, Esquire, M.A., I. C.S., Settlement Commissioner and Director, Land Records;

# The COMMISSIONER, 

Central Division, Poona.
Sir,
I have the honour of transmitting the Revision Settlement Report on the Shevgaon Táluka prepared by Mr.'J. P. Brander and forwarded by the Collector of Ahmednagar, Mr. P. J. Mead, O. I. E., with his L. N. D. 179, dated 19th February 1916 (see your 203-General, dated 22nd February 1816),
2. The statistics of the Taluka and Mahál have been carefully collected and presented by Mr. Brander, and in particular his statisties of sales of standing crops in paragraph 27 are an interesting variation from the usual Settlement statistics. They will be commended to the notice of other Settlement Officers, in case they may be able to find similar facts in other localities. These and all the other statistics show convincingly that the táluka is very easily able to bear a general increase of 33 per cent. This fact is so plain and unquestionable that it would be idle on my part to review or criticise any of the figures or discussion which Mr. Brander has given them. However we might differ on small points, the broad result is beyond question, and therefore I do not propose to take up any time in discussing details. I will say that I entiroly concur (except as to the rates of enhancement) in the recommendations which the Collector supports ; indeed, it would be an act of considerable temerity to differ from the views formed on the spot by two officers so well aoquainted with the Amednagar District and so qualified to deal with these questions as Messrs. Brander and Mead.
3. I wish I could close my remarks with this conourrence, but unfortunately there is one point which must be dealt with, and which I am afraid may, be held to vitiate the proposals. Mr. Brander has, I fear, overlooked the undartaking of Government that no increase should ordinarily be imposed upon any "group of villages subjeot to the same maximum dry crop rates" exceeding 33 per cent. (Resolution No. 2619, dated 28th Maroh 1884). He has interpreted this to mean increase upon the whole táluka. He has increased particular blocks of villages, sometimes 18 , sometimes 20 , sometimes $33,40,44 \cdot 4$, and even 50 per cent. It has always in the past been held that this 33 per cent. limit applied not only to the whole taluka, but to any block or group of villages within it. An extreme instance of its application will be found in Government Resolution, Revenue Department, No. 4977, dated 17th July 1890, where it was applied to every field. The meaning of "group" has also been interpreted in Resolution No. 3671, dated 12th April 1906, to mean "group as re-formed at the Revision Settlement." This is now the Government interpretation, though very respectfully I do not myself assent to it, but agree with Mr. W. W. Drew in 1906, and would point out that in the present case it 'leads to the same absurdities as he then pointed out. In all other Settlements, the Settlement Officers have been muoh hampered by this 33 per cents restriction. Mr. Brander has not only set it aside, but has argued against its retention and reasonableress even for the whole táluka. The question before $u s$ is whether the enhancements of $40,444^{4}$, and 50 per cent. which I find affect "batches" of 26,35 and 15 villages, respectively, oan be sanctioned, or the Revision Groups I and II in which they are included can be accepted at 4152 and 37.57 per gent. all round enhancement. On general grounds no doubt Mr. Brander has successfully shown that these enhancements can be imposed without exacting more than the proper Government share. But we cannot feel ourselves tied and hampored by the 33 per oent. order in one táluka and ignore it in another. It is true that the order must neccessarily result in the
levy of less than the proper State ohare and have all the eflects painted by Mr. Brander in injustice to the general tax-payer and retardation of general progress. But Government cannot possibly have meant anything else by the pledge than this, that when statistios and all other arguments indicated that the proper increase on any group of villages might fairly and rightly exceed 33 per cent., nevertheless that shall be the limit of the enhancement. Whichever interpretation we apply to the old pledge, we must nevertheless apply it, however much we may regret it and however much we may agree that the táluka will remain lightly or under assessed. Certain of the proposals violate both of the possible interpretations.

4: The is villages round about Pimpalgarhan in the old Re. 1-4.0 group cannot be raised 50 per cent. to Re. 1-14-0-or on the Government interpretation (of 1906) cannot be included in Group I at Re. 1-14-0, which involves an enhancement of 41.52 per cent, over the whole re-constituted group. These 15 villages must be put in Group II at $\mathrm{Re}_{\mathrm{k}}$ 1-12-0 (even then the enhancement upon them as a single batoh is 40 per cent.), and that will bring Group I whithin the limit, and also Group II after the change next to be indicated has been made.
5. The Aurangpur group of 26 villages now assessed at Re. 1-4-0 is enhanced 40 per cent. to Re 1-12-0 or on the other interpretation is included in Ghoup II with a total enhancement of 37.57 per cent. This oan be cured by putting back the Aurangpur block to Re. 1-10-0 in Group III.
6. A difference in maximum rates of 2 annas corresponds to a difference in the rating of average soils of about 1 anna per acre. A difference of less than 2 annas is usually deprecated as being too petty to be worth making. But we might certainly put the whole of Group III at Re. 1-11-0 instead of Re 1-10-0, especially after we have removed from it the block of lighly enhanced villages of Nevása; and this modificalion would greatly mitigate the effect of my other reeommendations and would retain the inorease on the whole taluka closer to 33 per cent.
7. The 35 villages of Nevása formerly rated at Re. 1-2-0 are now proposed to be raised to Re. 1-10-0 or 44.4 per cent. This is permissible according to the 1906 interprotation, beqause the whole Group III by the inelusion of many villages raised only $18 \cdot 18$ per cent. shows an enhancement of only $29 \cdot 57$ per cent. This enhancement will go up by the inclusion of the Aurangpur group, and I think it would be politic and very proper not to take 44.4 per cent. from these 35 villages but to put them down into the Re. 1-8-0 group with an enhancement of exactly 33 per cent. only.
8. Group IV with 19 villages enhanced only 20 per cent. (the western extension of Group IV) then has a total increase substantially below 33 per cent., in spite of the inclusion of the Nevása group. To adjust the enhancement on the whole taluka, perhaps this blook of " 19 villages might go back to Group III at Re. 1-10-0 or even Re. 1-11-0 as above suggested. Mr. Brander himself emphasizes that as between the maximum rate Re. 1-14.0 and the minimum Re. 1-8-0 in the whole taluka there is a difference of only 6 annss, and it is not really a matter of much consequence whether a village is included in one group or the next one. In respect of these villages, Mr. Brander gives as his reason for the low rating, (1) that they have poor thin soil; (2) that they are "inferior" villages; (3) that they show less increment in land values. But in the next paragraph 96 he says these villages are "on the whole good"; and he generally observes that it makes very little difference in view of the price and rent statistios whether villages are put up or down one olass or not. He thus withdraws his argument about the inferiority of the villages, and the first argument as to the "poor thin soil" is not admissible in grouping, becsuse it is fully allowed for in classification. I am therefore inolined to recommend that Group IV should be restricted to the extreme north-east, and that the western part of it should go up into Group III.
9. By the adoption of these proposals we shall keep within the 33 per cent. limit whichever way it is interpreted. Briefly, the proposals are that $15^{2}$ villages
in Group I, 26 in Group 11 , and 35 in Group III, in all $76^{\circ}$ villages, should come down by 2 annas, while 19 villages should go up by 2 annas. If Group III is rated at Re 1-11-0, as it might be, then there would be praotically no change in the aggregate assessment of the táluka, and all the enhancements would be within the limit. I admit that olimatically and generally Mr. Brander's grouping is quite sound, but here as elsewhere we are hampered by the Enhanoement .Rule, and it will remain for the next Settlement to get all the villages exactly grouped, as upon first principles they ought to have been.
10. I ams surprised that this point has not been touched by the Collector or the Assistant Settlement Officer. I also find no map showing the villages transferred from Nevísa and Jamkhed, nor the present limits of the Pathardi Mahal. I therefore enclose a map showing the villages and the present limits of the Pathardi Mahál and the grouping suggested by me.

## 11. Minor points which I note are:-

In paragraph 46, it is obvious that the increase of cattle in 1914-15 must be due to the return of cattle from outside or to better counting. It is physically impossible for the number of sheep and goats to hate nearly doubled in one year, or for the other large increases to have taken place naturally. I note that only 17 por cent. of the land is held by non-agricuiturists at all. Of this probably not more than half is held by moneylenders, and this 8 or 9 per cent. (which is the same percentage as is held by them in Haveli) is only in most cases temporarily held in pledge. As to the general attack in paragraph 99 on the 33 per cent. limit and the 30 years' Settlement, I am not prepared to take up the disciussion. It has always been the deliberate polioy of Government not to press our demands upon the land to the hilt. Mr. Brander shows that we are not, doing so, and this perhaps is a legitimate cause for satisfaction, not for reform.

In Appendix Q, for the Indim villages the Páthasthal assessments ought to have been excluded from calculation; this has been already clearly ordered (Resolutions Nos. 3880 of 1890 and 3205 of 189\%) by Government in other cases. Unfortunately, this error vitiates the whole of that appendix, which will have to be reoonsidered, and the rating of these villages must follow that of the Khalsa villages. I fear this will mean returning the Indm proposals for reconsideration. It is unfortunate that the Assistant Settlement Officer's attention was not called to these orders in time.

Your most obedient servant,
F. ANDERSON.

H $1108{ }^{\text {- }} \mathbf{- 2 1}$

No. Genl.-203 of 1916.

# The CHIEF SECRETARY to GOVERNMENT, <br> Revenue Department. 

Camp Mahableshwar, 16th May 1916.
Sir,
I have the honour to forward for the orders of Government Mr. J. P. Brander's second revision Settlement Report for the Shevgaon taluka of the Abmednagar District together with the Collector's endorsement and the $\mathbb{S}$ ttlement Commissioner's letter. The report was sent up in September last and did not reach my office till 9th May-which is far too long a delay and unduly hurries my own submission of the matter to Government and, what is more important, the issue of Government orders. Mr. Brander has written exhaustively but his unfortunate overlooking of one little matter puts us into dificulties. I should also like to observe that there really is no need of these elaborate enquiries and voluminous details. It is perfectly obvious that much larger increases than are likely to be proposed would be quite justifiable. Any one could see this after a month'a enquiry and corvince Government of it in half a dozen pages. Mr. Brander himself observes :-
${ }^{c}$ Revision need not involve the involved enquiry and report now in use much of which is of little relevance."

Then, if it is a nice adjustment of grouping for the villages whioh requires so muoh study, Mr. Brander writes:-"Difference of opinion may arise as to whether a village should be in a higher or lower group. Much ansious cousideration hardly needs to be given to the matter. With present values of land a variation of 2 or 4 annas in maximum rate makes no appreciable difference to a village, and will not be felt by the cultivators. The assessment enbanced as proposed still remains a peppercorn one." And this is perfeatly true.
2. Now Mr. Brander shows that a large increase in assessment is indicated, and he sets out to get 33 per cent. over the taluka as a whole. He proposes four groups, and the increases he suggests amount to $41.52,37 . j 7$, 2957 and 2702 for these four groups, working out on the whole to 33 . The Settlement Commissioner points out that it is not the whole taluka to which the 33 per cent. rostriction applies, but each group. There is no doubt about this. It is not only obvious from the wording of the rule but Government have definitely decided that this is how the rule is to be interpreted. Censequently it seems that something has to be done to reduce tho increases in groups I and 11. Mr. Anderson suggests reducing 15 villiges from groups I to II, 26 from group 11 to group III, 35 from group III to group IV; while as a kind of compensation group III is to be rated at Rs. 1-11-1) instead of Rs. 1-10-0 and 19 villages are to be raised from group IV to group IIL. Mr. Anderson says these modifications will leave the total increase over the taluka muoh the same as Mr. Brander suggeatg, viz., 33 per cent., while each group will be withn the limit. I am afraid this is not quite tite case, for group I will clearly show an increase of 3636 and I find that group II will be raised 36.68 per cent. However the idea is a good one, and with a little more trouble we might manage to get something like 33 per cent, for each group and for tile whole. But to get this result other consiaerations which usually decide grouping would have to be ignored. In fact the most acourato and satisfactory way of getting 33 per cent on the whole taluka is to luave the groups as they now are, and simply to raise all assessments by this pro,ortion. I believe thes would be as good a way as any, but it would be a tame conclusion to so complicated an enquiry and such a mass of papers.
3. Thesè would not be so very much wrong if we left the old grouping alone. In the first place it would not matter much, for the difference betwen maximum rates of Rs. $1-2-0, \mathrm{Ra}_{3}, 1-4-0$ and H. 1 -6-0-0r those amunts
increased 33 per cent.-is really negligible. Again I am not at all convinced that Mr. Brander's grouping is better than the old grouping-still less that it is better when the Settlement Comnissioner has juggled with the villages in order to avoid the breach of an arbitrary rule.

The old grouping gave us a first group composed of the villages where every one seems to think-there is nothing scientific about it-that the rainfall is superior, and of a block nearest to Nagar. The other two groups were simply further from Nagar. This seems a perfectly sound arrangem $n$ nt. Mr. Brander is at some trouble to show us that the price of produce depends directly upon the distance from Nagar. It is a striking fact. But when it comes to grouping he ignores this fact, and bases his proposals on "rental value as the deciding factor." He gives a small consolidated statement in his paragraph 89 showing sales, mortgages and rents. On the face of it there are certain difficulties. For example can we believe that in the old Newasa villages rents are much higher than in old Sherraon while sale values are considerably less? The explanation is that the rent figures do not really preseat

- Cf. para. 65 of the repori. facts, or else are fixed for reasons other than economio; which is not explained. Mr. Brander observes that rents are generally produce rents-half the produce-as everywhere eise in the Presidency. They may be considered, be writes, "the true rents." The fact that a cash rent is agreed to means of itself that there is some peculiar reason, and the case is an exceptional one. What trustworthy deduction can be drawn from adding together and calculating the average of exceptional cases? In actual fact rents at Ti-gaon are greater than they are at Khatwandi for fields of equal quality unless the rainlall is better at Kharwandi For haf the produce is the same in anount, and it is worth more at Tisgaon than at Kharwandi. There is no attempt to show that the rainfall is more plentiful or consistent at Kharwandi than at Tisgann, or that cotton grows at the one and not at the other. Nor can the revenue history given in Mr. Brander's parajraph 70 assist us to any delinite conclusions.

4. For these reasons I am not quite convinced as to the necessity or wisdom of altering the grouping. Nor do I much like adding to the number of groups and making them four instead of three. I have suggested above that it noulit be quite as satisfactory to leave things as they are, and to add 3.3 prex cent. increase all round. If Government do not like to reject the alterations proposed by a capable Settlement Officer and approved by an experienced Collecter-and I must admit to great reluctance in suggesting it-Mr. Brander's proposals ahould be accepted as nearly as possible. If Government can be persuaded to alter the 33 per cent. rule the proposals may be sanctioned as they stand. If not, then Mr. Anderson's suggestions must, I think, be accepted. with a little further moditication so a to brins groups I and II down within the limit. I do not howerer agree that the reduction from Rs. 1-10-0 to Rs. $1.8-0$ in the case of the 35 old Newasa villages, suggested in paragraph 7 of Mr. Apilerson's letter, is necessary. There is no harm in taking 44 per cent. from single villages if it is fair and reasonable; and we often do it.
5. When forwarding the Raver and Yawal reports I discussed the interpretation of the 33 per cent. increase rule, and the meaning of that rule is now beyond question. But Mr. Brander attacks the whole inlea of the three rules of which it is one. His paragruph 99 may be consulted. He says that 33 per cent. is not enough; that it means only 15.9 per cent. of the unearned increment; that it will be found to limit increases to a degree uniair to the general tax-payer and inadvisable when he comes to the Khandesh talukas. He observes that Goverument have alroady (vide Sangamner report) contemplated the neoussity of abolisining these limuts. The subject is not discussed by the Collector or by the Settlement Co nmissioner, but as it is a matter of very great importance I think it ought to be di cussed. Personally I entirely agree with Mr Brander. It Governmant consuder that they can discard these rules I think it is very deirible that this should $b$, done. The 33 per oent. rule not only limits the merease in a way very unneoessury and very unfair to tha general tax-pager, but it haupors us seriously in our efforts to re-gronp. The

Sevgaon taluka affords an example of its effects in this direction, but mugh more striking examples are likely to be found later on.
6. The three rules prescribe limits:-
(1) of 33 per cent. for each group,
(2) of 60 per cent. for each village,
(3), of $\mathbf{1 0 0}$ per cent. for each holding.

They were first applied to Poona and Sholapur in 1874, and to other districts in 1884. A perusal of the 1874 Resolution will show that the intention was to check the likelihood of heary increases resulting from measurement or reclassification, the use of different valuation sonles, and the inclusion in assessed area of land formerly classed as Kharab and unassessed. There does not seens to have been any idea of preventing Government from taking an increase in money assessments becsuse a rise in prices had occurred. The increases we now propose are not really increases at all; they are simply the return to former rates. The monetary standard is changed; and, to get the same share of the produce as before, we are obliged to raise the assessments as expressed in money. There is really no fair resson why we should be prevented from returning to our original share by arbitrary rules. All the operations which were feared in 1874 are now impossible. There is no rempasurement or reclassification; controversios about Kharab have been long ago laid to rest; and if in any rare instances classification scales are altered it would be to reduce and not to raise assessments. Thus the third of the three rules has abrogated itself. It is not possible now-exaept in very extraordinary cases which would come to the notice of Government-that where the village increase is limited to 66 per cent. the individual holding should be increased 100 por cent. The village and the holding are increased by the same percentage. And, agan, the first rule has certain anomalous results. For example, if four or five villages form a group by themselves they cannot be inoreased more than 33 per cent. But if they are included in a larger group, they may be raised twice as much. And this would seem to be an absurd result.
7. Mr. Brander also objects to the 30 years' settlement. He did the same seven years ago when dealing with Bhimthadi, when he was strongly supported by the Settlement Commissioner, Mr. F. G. Pratt, but not by the then Commissioner (the Honourable Mr. Carmiohael). Government did not discuss the matter, but simply passed the usual order for the 30 years' settlement. Will Government reconsider the case now? I am reapectfully, but strongly, of the same opinion as the Assistant Settlement Offeer. The original idea was to guarantee land-holders against an early increase in assessments owing to improvements. But improvements are not now taxed, and the reason for the 30 years' lease has disappeared. It is perfectly plain that we cannot get the increase that ne ought to have at this resettlement. We have to submit to a loss. Even if we are untrammelled by any 33 per cent. limit there are reasons against a very sudden single increase which would not apply to a giaduated one or to a second increase after 10 or 15 years. Government cannot afford to sacrifice revenue for so long a period as 30 years, when lack of money is having - such serious effects upon the efficiency of the administration and the proyress of the country. There is hardly a single branch of the public service which is not underpaid compared with what it recoived thirty years ago. There are large numbers of interior servants who eannot live honestly and are expected to perform important duties for less than half what an unskilled loafer can earn. This is not all. For the proper development of the country it is essentially necessary nos to stint such spending departments as, for example, those of agriculture, education and irrigation. In a country with so marked a lack of private initiative Goverament must take the first place in inaugurating improvement, carrying out investigation, and promoting enterpriso. Tuese things require a liberal expenditure; and that is not possible if we sacrifioe the revenue. A good deal of the money will not "fructify in the pookets of the -people," but will be spent on oaste feasts, marriage ceremopies, and pilgrimages. it may be noted that if we retain the 33 per cent. rule it is tha more necessary to abolish the lang settlement.,
8. I have noticed one or two minor suggestions in Mr. Brander's report. It was not primarily his business to make such suggestions, but when an officer is absorbed in the consideration of the conditions of a single taluka things must come to his notice, and it would be a pity if he ${ }_{4}$ did not mention them, and a pity if no further section was taken. I am asking the Collector to let me have his opinion on these points separately.
9. The proposals as to Inam villages may be accepted. The only question is whether patasthal should be abolished or not. In the circumstances described in paragraph 109 of the report I agree with the Settlement Officer and the Collector that patasthal should be abolished. It means a nominal loss of Rs. 755 , and a real loss to the Inamdars of some smaller sum.

I have, etc.,
C. N. SEDDON,
acting Commissioner, C. D.

Revision settlement of the Shevgaon táluka, ineloding the Páthardi mahal.

# GOVERNMENT of BOMBAY. 

## Revenue Department.

Resolution No. 6411.
Bombay Castle, 29th June 1916.
Letter from the Commissioner, C. D. No. Genl.-203 dated 16th May 1916-Submitting, with his remarks, the papers specified in the margin, containing proposals for the second revision settlement of the Shevgaon taluka, inclading the Pathardi mahal of the Ahmednagar distrot, together with certain petitions. of objections relating thereto.

Letter from Mr. J. P. Brandar, 1 C.S., Aasistant Seltlement
Ofifer, Ahmednagar, No. M.-114 dated 2 2gad September 1915 Offreer, Ahmednagar, No. M. -114 dated 2 2nd September 1916.
Memorandum from the Collector of Ahmednagar No. Lad--179-1915 dated 19th February 1016.
 dated 22nd February 1916.
Lette $r$ from the Settlement Commissioner and Dircetor of Land Hecords No. 8,T.-54 datod 10th April 1916

Resolution.-These papers contain proposals for the revision settlement of 124 Government and 24 inám villages of the Shevgaon táluka and of 62 Government and 8 inám villages of the Páthardi mabál in the Ahmednagar district.
2. The first question. which arises in connection with these proposals is whether the rules regarding the limits of enhancement of assessment which were laid down in Government Resolution No. 2619 dated 26 th March 1884 should, as recommended by the Commissioner, C. D., be abandoned. The Commissioner refers to the origin of the rules and states that the intention of the orders contained in Government Resolution No. 5739 dated 29th October 1874, under which the rules were first applied to the Poona and Sholápur districts, was to check the likelihood of heavy increases resulting from remeasurement and classification, the use of different valuation scales and the new assessment of areas previously treated as uncultivable. It is true that the immediate question under consideration at the time was the mitigation of the diffioulty of adjusting, the errors of previous surveys. The points more particularly discussed in the orders were with reference to the enhancements on individual holdings and on single villages, while the reasons for the general principle of limiting the enhancement on groups and tálukas were not stated. But when the position was again reviewed in 1884, it was decided on mature consideration that the principle was a sound one and it was stated that the reason why it had not been applied before to other districts than Sholapur and Poona was because of the imperfections of the measurement and classification done in the earlicst years of the survey. It was stated that the revision of the earliest original settlements having been effected, the rules limiting enhancements could be adopted without injustice to the public interests, and a direation was given that they should be observed in the revision of all original settlements, of which the term expired after the revenue year of 1883-84. Thus the rules were adopted deliberately after the imperfeotions of the earlier surveys had been removed.
3. No doubt the imposition of the limits does, as the Commissioner, C. D. points out, hamper regrouping ; but Government do not conour in the view that it neeessarily leads to anomalies. It may not be possible to obtain, at any particular settlement, the whole increase which might be justifiable on other considerations. On the other hand, the observanoe of the limits obviates the risk of upsetting by too drastio an increase the economy of thousands of oultivators. Government are of opinion that the 33 per cent. limit has a solid basis both on political and on economic grounds, and they see no reason, in the oircumstances of the Shevgaon táluka, to justify its abandonment.
H 1108-23
4. The Commissioner, C. D., also questions the thirty years' settlement period on the ground that it is too long. Whether he is correct or not in saying that the original idea of the thirty years' settlement was to guarantee landholders against an early increase in assessments owing to improvements, there is the fact that the idea of exempting improvements from taxation dates very far back (to at least 1E65) in the evolution of the revenue policy of this Presidency. There is the further consideration that, even though improvements are not taxed, long settlements promote the carrying out of improvements, because they give the cultivator greater security in the matter of assessment and consequently in the return he receives from any improvement soheme he amay undertake. Government are thorefore not prepared to depart from the policy of guaranteeing settlerrents in the Presidency proper for a period of thirty years as a rule.
5. Ihe Settlement Officer's report clearly indicates that an enhancement of assessment up to the limits permissible under the rules laid down by Governmont is justifiable in the case of the Shevgaon táluka. The Settlement Officer and the Collector both hold strongly the opinion that the present grouping is incorrect. Their proposals for rating, however, involve a contravention of the limits to enhancement, and it is necessary to readjust them. The Commissioner, C. D., proposes to overcome the diffiaulty by rejecting the proposed grouping and by imposing an all-round inorease of 33 , per cent, on the existing groups. He appears, however, to be actuated mainly by a desire to secure the maximum enhancement permissible. As the settlement Commissioner and Director of Records points out, this course precludes any rectification of the grouping at the next settlement. The Settlement Commissioner's own proposals are open in a modified degree to the same objections as are those of the Sattlement Officer. It seems to Government that the proper course would be to reduce the maximum rate in groap I from Rs. 1-14 to Rs. 1-12 and to adjust the other groups accordingly, the four groups suggested by the Settlement Officer being reduced to three by the amalgamation of his groups II and III into one group. The following grouping and dry-crop rates for the Government villages are sanctioned :-

| Gnoup. | Namber of villagen | Rate. |
| :---: | :---: | :---: |
|  |  | Rs. 8. |
| I | 28 | 112 |
| II | 122 | 110 |
| 111 | 36 | 18 |
|  | Total ${ }^{1} 186$ |  |

6. The Settlement Offiger's proposals in paragraph 98 of his report regarding garden and rice lands are approved.
7. As in the case of the Government villages, the 32 surveyed inam villages should be formed into three groups and they should be given the rates which are sanctioned for the adjoining Government villages of the taluka, except that the villages of Alhanwádi, Jatdevle and Sháhjápur should be rated at Rs. 1-12. Subject to this modification, the Settlement Officer's proposals as regards the inám villages are approved. The following statement shows the grouping and rates for the indm villages:-

| Group. | Number of viliagen, | Rata. |
| :---: | :---: | :---: |
|  |  | R ${ }_{\text {B }} \mathrm{a}_{1}$ |
| I | 4 | 112 |
| III | 19 | 110 |
| III | . 9 | 18 |
|  | - Total 32 |  |

8. The revised rates should be introduced in 1915-16, levied from 1916-17 and guaranteed for a period of thirty years, subject to the condition that if or when a railway is constructed on or about the line of the railway already proposed, the rates will be subject to revision, even though the period of thirty years has not expired.
9. The petitions of objections do not disclose any grounds which would lead Government to modify the orders now passed.
G. A. THOMAS,

Deputy Secretary to Government.
G. R. No. 6441, R. D., dated 29th June 1916.

To
The Commissioner in Sind,
The Commissioner, N. D.,
The Commissioner, C. D.
The Commissioner, S. D.,
The Collector of Ahmednagar (with the petitions of objections),
All other Collectors, including the Collectors in Sind and the Deputy Commissioner, Upper Sind Frontier,
The Settlement Commissioner and Director of Land Records,
The Director of Agriculture,
The Accountant General,
The Public Works Department of the Secretariat,
The Government of India (by letter).

REVISED APPENDIX Q.

Effect of Revision Settlement proposals on Government


APPENDIX Q.
ocoupred land in the Shetgaon Taluka of the Ahmednagar Collectorate.




Th




Effect of Revision Settlement proposals on ocouped la

Q.-Inam Vuiages.

V. B. MARDHEEAR,

Superintendeut, Land Fecords, C. D.

Map showing the grouping end mating as finally samotioned by Govt.


INDEX TO THE CORRESPONDENCE RELATING TO THE SECOND REVISI ON SETTLEMENT OF THE AKOLA TALUKA OF THE AHMEDNAGAR DISTRICT.


No. S.-390 or 1916.
From
N. H. HEY, Esq., B.A., I. C.S.,
Assistant Settlement Officer, Western Tílnkas,
Ahmednagar;

To

# The SETTLEMENT OOMMTSSIONER AND DIRECTOR of LAND RECORDS, Poona. 

$$
\text { Camp Ahmednagar, 18th-19th May } 1916 .
$$

Sir,
I have the honour to submit proposals for the second Revision of the Akola Táluka.
2. There are 153 Government and 4 Inám villages in the taluka all previously surveyed and settled.

| No. of villages. | Year. | Authority. | 3. The current settlement was introduced in the years and under the authovity shown in the margin and was guaranteed upto the revenue year 191.5 16. |
| :---: | :---: | :---: | :---: |
| 50 Deabi ... | 1886-87 | 9587 R. |  |
| 1 \% ... | " | b-4-1886 3053 R. D. |  |
| 1 Dangi ... | 1887 -88 |  |  |
|  |  | 6-2-1888 |  |

4. The boundaries of the táluka have not altered since 1885.

Originally the whole táluka is really one high plateau, lying above the crest of the western Ghats. But it has so weathered and worn through the ages that it has become a welter of hills and dales, slopes steep and stony, or broad and rolling, small high tablelands and deep low hollows, with only the great paaks, like Kalsubai and Harischandra, left to mark the original level.

The aáluka is sundered from Igatpuri Táluka of Násik District by a rugged range of hills, forming the highest crest of the western Ghats, and including the loftiest hill in the whole Presidency, namely Kalsubai. This range is pierced by only one good pass, that at Bari, up which the road from Ghoti runs. On the south the scarp of the Sahyadris, crowned by the big peak of Barischandra, sharply divides the Akola dangs from the Thána Konkan lying below.
5. The eastern side of the taluka, bordering on Sangamner, consists of fairly open daleland, formed by the widening out of the Pravara valley in the middle and of the Ardala valley in the north-east corner. It is broken in places by low ridges and ravines and hemmed in on the north, south and west by hish hills, but open and flat to the east. (In the south-eant there is a narrower atrip of fiattish land in the Mula valley. These together form what is known as the "desh" of 4kola, where climate, crops and conditions are more or'less like those of Sangamner and the other Deccan Tálukas.)
(All the rest of the taluka is pare "dang" country, of the hilliest, where rice is the only rioh crop and nagali and sawa take the place of bajri.)
( $830-1$
(The valley of the Ardala, where a narrow strip on both banke is flat and fertile growing "deshi" crops, and irrigation oan be had from the river, forms the only exception

## Soil.

6. In the "desh" the soil is for the most part darkish and moderately fertile. It varies a good deal in depth and hae, being thinner and lighter at the foot and on the slopes of the surrounding hills, deeper and darker in the east and centre. Bat nowhere is there real deep black cotton soil, and, cotton as a crop is hardly grown in the taluka.

In the dangs the soil is what is known as "mal", light reddish brown or grey in shade, coarse, thin, and gravelly. It is always poor and infertile and its comparative value depends more on the steepness or otherwise of the slopes, the natural drainage, and its position in relation to the set of the monsoon winds and local rainfall, than on its own inher-nt qualities, whioh do not vary. very much.

The soil on the immediate banks of the Ardala is partly alluvial in type changing into "mal" on the ligh landst to the north and south and merging into the ordinary deshi soil where the valley opens out on the eastern border.

The soil of the rice lands is mostly an artificial accumulation, the result of silt and detritus washed down into the ombanked area by sucoessive rains. Hence, when properly maintained, the oldost rioe "tals", ave usually the richest.

## Climate and Rainfall.

7. The eastern or "deshi" parts have a fairly good and healthy climate, not too wet, mostly cool in summer, and by no means very feverish.

In the "dangs" the very heavy rainfall brings widespread malariaespecially in the autumn and early winter, - while the cold raw nights and mornings often met with in winter and the sudden drops in temperature during the rains make colds, pneumonia, and other illnesses resultant on ohills very common. In all these respects the west and sonth are worse than the north and east.
8. The below table shows the figures of total rainfall with the averages for. the last 11 years of Akola itself and of the other rain gauge stations in the taluka. Some of them having been set up lately, the figures and averages can only be given for shorter periods.

Statement showing rainfall recotded at variows centres in Akola Taluka for as many years as are avaslable from 1904 to 1914 (at Ahola from 1905-1915).


Except Kotul and Chas in the extreme southeast the others all give a heavier rainfall than Akola.

By far the heaviest is' in the far west and scuth-west as the figures for Ghatgar, Harischandra and Pachnai show. Up the Ardala and in the northern dangs the rainfall is muoh lighter as the records for Savargaon and Padosi show, Even in the south,--though there are no figures for this,-I found the rainfall to be lighter east of the great mass of the Harischandra peak.
9. Appendix $A$ gives the detailed figures for Akola itself for the last 11 years, while appendices $A^{1}$ to $A^{7}$ give the same, 80 far tas they are available, for the outstations. At the latter the ante-monsoon rains are not recorded, the measurements being only taken from the 4th June till the 31st December.

But neither in the " dangs" nor elsewhere in the "desh" are the ante-monsoon rains relatively any more certain or important than at Akola, despite occasional heavy showers in May on the exposed hill slopes roundabout Ghatghar, Harischandra and Kalsubai. The mousoon kharif rains are everywhere the most important, ranging from $\frac{1}{2}$ to $\frac{8}{4}$ of the total fall; and ieverywhere, too, the late rains are relatively scanty and uncertain.
10. Unlike Nagar itself the climate of Akola is a fairly certain one. Both the reoords of rainfall, and the details of Anewari, suspensions and remissions, furnished me by the Mámlatdar, show that Akola has commonly escaped drought and famine when other parts of the district have been suffering badly. The rains may have been soanty in the "desh" and a few villages in the extreme east and south-east may have suffered badly in some years, but there has seldom been anything like general drought and total loss of orops; while the "dangs"; with their heavy rainfall, hardly know what drought means; damage from exeossive rain being more their danger. This comparative certainty of rainfall gives Akola a great advantage over other tálukas.

## Crops and Cultivation.

11. Appendix B gives the area under each kind of crop.

Throughout the táluka the kharif crop is all in all. Shalu or late juari, so important in other parts of the district, is very little grown.

In the "desh" and up the Ardala ralley, bajri is the main crop, mixed with kulthi, math, mug, ndid, til (sessamum) and some early juari ; but cotton is almost unknown. Sugarcane is grown in a few places where there are good wells and so too paraias and plantains, while chillies are grown in small quantities nearly everywhere. There is next to no unirrigated rabi and wheat and gram form the great bulk of the irrigated rabi crops.

In the "dangs" nagali, sawa and warai, etc., take the place of bajri, but rise is the most valuable crop. Khorasni is also grown a good deal for export on the " mal" lands. There is hardly any well irrigation, and what few pats there are only water wheat and gram; some only last long enoagh to help the rice.

Besides this irrigated wheat, a fair amount of wheat and gram is grown as a second crop in the rice "tals" wherever the moisture lasts long enough. In some nases, where the "tals" are very wat, rice is not grown, only wheat or grain being sown later. Besides some watana (speckled pea) and masur (lentils). These are the only rabi crops.

A peculiar feature of the "dangs" is the existence, here and there, of unirrigated sugareane, grown in deep "tals" like rice. This is of a reddish bard kind, needing less water than the soft white irrigated variety.
12. Fallqws play an important part in this táluka chiefly in the "dangs". The average percentage of fallow on occupied area for the last 5 years is 29.7 per cent. for the whole taluka. Rice lands are not fallowed, but the mal lands everywhere have to be fallowed freely, they simply will not yield if cropped year by year. Compared with the above, the figures for the adjoining "deshi" Lálukas of Sinnar, Sangamner and Junnar respectively are 16 "06 per cent., 10.9 per cent, and 15.2 per cent.; while in the wholly dangi tálakas of Igatpuri fallows form 35 . 18 per cent. of the occupied area. The ares of fallow varies a good deal from year to year according to the rainfall.

The total oceupied area is 228,028 acres. Of this the net area cropped is 100,300 acres and the fallow 67,728 acres. Of the net ares oropped 8,002 acres are twice oropped, making the gross ares of crops 168,302 acres. The percentage for each orop is calculated on this last figure.

The following table summarizes the information contained in Appendix B.

| Crop. | Area ln acres, | Percontage of grosa area eropped |
| :---: | :---: | :---: |
|  | Acres. |  |
| Jowari | 7,033 | $4 \cdot 18$ |
|  | 69,073 | 35-40' |
| Paddy | 14,596 | 867 |
| Wheat | 4,235 | $2 \cdot 51$ |
| Coarse graing ... | 85, 109 | $2086^{\circ}$. |
| Others $\quad .$. | 3,329 | $1 \cdot 48$ |
| Pulses (Tur, gram; Udid, and Kulthi are the most important)... | 24,737 | 14:70- |
| Tobaceo * ... | 511 | 0.30 |
| Sugarcane , ... | 410 | 0.24 |
| Condiment and spices | 312 | $0 \cdot 19$, |
| Oil-seeds -.. | 17,200 | $10 \cdot 22$ |
| Fibres - ... - .m | 1,010 | 0.60 |

For comparison with the provious settlement report the attached two tables are given. The first relates to the 50 deshi villages the rerision settlement of which was done in 1886 and the second to the 102 dangi villages done in 1887.

Statement for 50 Deshi villages (Táluka Akola):


The decrease in hajri and khorasni in the second table and the increase in fallows are to be accounted for by the fact that the 5 years up to 1884-85 were years of very good rainfall, when cultivation on the mal lands much increased, while the 5 years up to 1914-15 include two years of drought and another of actual famine, when the "mal": lands largely lay fallow. But the above are more than offset by the enormous increase in rice-over $2 \frac{1}{3}$ times what it was before;- and the increases in wheat and gram, while in the "deshi" villages there are large increases in nearly all crops.
14. The standard of cultivation is low. The Kolis in the "dangs" and the Kunlis in the "desh" are both lazy, thriftless and slovenly farmers. Well weeded and thoroughly tilled crops are the exception among them. The Mhars are every whit as bad as the Kolis.

The best cultivators are the Thakurs, who, though they are poor peasants and their implements are primitive, till and weed their fields thoroughly and look after them well. Thoy are steady, well behaved folk, seldom much in debt and never mortgaging or selling their land, and the only hardworkers to be found here.

The Kanadas too till their lands fairly well, making good use of the extra, manure which they get from their cattle breeding and grazing.

There has been some spread of elementary education in the taluka since the present settlement began, but it has had woefully little effect in raising the standard of husbandry.
15. The ordinary wooden ploughs, harrows and scrapers, etc., are used everywhere. No iron ploughs or "mots" reaping machines or other modern implements have been introduced or adopted in the tíluka.

Irrigated lands in the "desh" are manured yearly wherever possible, commonly there is not enough manure available to give dry crop lands more than a very occasional dressing at long intervals.

In the "dangs," the lands are not manured, the reason being given that the heavy rain would wash it all ou't again, but rice lands are covered with a layer of dried dung and stráw, called "rōp", or else of cut bushes' and branches ("rab") which is burnt on them and the ashes ploughed in. Good husbandmen do this, when possible, to lands prepared for "nagali" also.
,

## Live and Dead Stock.

16. Appendix gives the statisties of cattle, ploughs, ete., before the present Revision Settlement (in 1885) and at ten year intervals since up to the cattle census taken by me in March 1915.

It will be seen that there was a steady increase of cattle during the first ten years of the settlement. The big famine of 1899-1900, however, followed cas it was by two years of partial drought and dearth greatly reduced the numbers and put things back a lot. By 1905, except for a biggish increase in sheep and goats, the numbers of stock, etc., had only got back to about the figures of 20 years before. Since then however the rise has been steady and fairly fast. The present figures exoeed those of 1895 under all heads except that of ponies and horses, while the increase in cows, calves and young stook has been very marked. Sheep and goats have varied more. They actually reached their maximum in the census of 1410, when the figures were 8,362 sheep and 13,459 goats. Since then they have declined again. The stricter protection of the forest in late years has reduced the facilities for keeping such destructive browsers as goats, while the recurrence of sheep rot and attacks by insects have reduced the number of sheep, especially in the wetter tracts. It must be noted too, that my census was taken in March 1915, when many cattle, sheep and goats were away grazing in the Konkan and elsewhere while that of 1910 was in June when'they had come baok.
17. The total occupied area is 228,028 acres and the total number of plough cattle is 24,350 which works out at $18 \cdot 7 \pm$ acres per pair of bullocks. But as $29 \cdot 7$ per cent. of the occupied area is, on the average, under fallow, the
© ${ }^{8} 30-2$
proportion of the cropped area is much less, on last years figures it comes to $13 \cdot 16$ acres per pair of bullooks only.

Throughout the "dangs" and wetter parts of the táluka, he-buffaloes are used either instend of or along with oxen for ploughing and other work.
18. Carts and ploughs, it will be seen, have inoreased equally with live stook, and have now reached figures higher than those of 1895, before the great famine. There are fewer light riding carts now, but many more for carrying produce, which is their really economic use.

## Water-supply and Irrigation.

19. The number of wells and budkis compares with the number at first Revision Settlement as below :-


The increase in irrigation wells is very striking. The great bulk of the well irrigation is in the "desh" especially in and around Akola itself. There is next to none in the "dangs" proper though a fair amount at and near Kotul.

The táluka is well supplied with drinking water in the "desh". The Prawara, Ardala and Mula hold water the whole year round except high up near their sources. In the central and northern "dangs" most of the villages have drinking wells, but in the south and west this is not so. Many are hard put to it to get drinking water at all in the hot weather, and that too of the worst quality. Hence the bealth of the people and their cattle suffer.

There seems no help for this, as wells, even if sunk in the rook at great cost, "often fail to strike any assured supply of water.
20. The bedst patasthal irrigation is on the Ardala, the only one of the rivers suitable for this, both the Mula and the Pravara flowing in deep gorges with very high banks. The Ardala never runs dry and it yields a good and certain supply of irrigation water. Several new "pats" have been opened off it recently and irrigation is extending.

Elsenhere the pats only take off small hill*streams and vary much in quality. They are found chiefly at and round Akola, Kotul and Rajur. They none of them last long enough to water sugarcane or other perennial orops in normal years. -

The total area now settled under pats amounts to 1,406 acres in 35 Government and 1 alienated villages, the total water rate levied being Rs. 2,292.

- The pats in this táluka have a fairly assured flow, the heavier and more certain rainfall having prevented them drying up or disappearing as so many have done in other parts of the district during the lean years recurring in the last two decades.'

21. Properly speaking, there are no Government irrigation canals. There are two "pats" at Savargaon and Gardani, the dams of which were repaired by Government as long ago as 1873. But no other repairs or maintenance of them have been undertaken by Governmont,' and though the irrigation share of the assessment has,-under what orders I can nowhere find out,-been credited to the Irrigation Department, their rates, etc., have been fixed at original and revision settlements exactly like those of any other private "pata". A reference to the Executive Engineer bas shown that the irrigation share so credited is nut sufficient to allow of their transfer to the Public Works Depart-
ment. The distribution of water on these two "pats" has never been controlled by Government, and there is no reason for assuming suoh oontrol. As the Collector shares this riew and is proposing their removal from the list of the Public Works Department-which rightly takes no respotasibility for maintenance - I am dealing with these patasthal lands in the same way as and along with the other private ones in this report.

The big dam building at Bhándardara and the new "Lake Arthur Hill" which will be formed above it will have no effect on this táluka. The lake will serve purely as storage for water which will be let down the Pravara as wanted in the dry season to keep up the water-supply in the irrigation canals in Sangamner, and beyond upto Nevasa for whose sole benefit it is being built.

Its only effect in Akola will be to put undor water all the best low lying lands of nive villages and to submerge the road rupning from Bhandardara through Samrad to Ghatgar.

## Communtatitons.

22. These bave greatly improved sinee the first Revision Settlement, when the only made roads in the taluka were the high road from Sangamner through Akola, Rajur and Bari down the ghat to Ghoti and the Local Fund road to Kotul branching off from it at Thugaon.

Since then another metalled road has been made from Kotul through Dhamangaonpat and. Padalne to Jamgaon, giving Kotul direct communication with Rajur; while the Ambit-Malegaon road-under construction at the time of settlement-has been finished and extended to Fachnai at the very foot of Harischandragadh.

From Kotul, too, the old cart-track down to Bramhanwada has been converted into a good made road and continued, in the direction of Otur, to the border of the talluka. Unhappily the Poona authorities have done nothing at all on their side, so that even to get carts the few miles to Otur Market is a hard task ; if they could be persuaded to extend it only as far as Otur, -not a very big undertaking,-its value to the people would be doubled.

Lastly, in the far west, a new macadam road has been built between Shandi and Bari, giving the former direct communication with Ghoti, while at Ranade Khurd another made road branohes off the Rajur-Ghoti highway and. runs through Bhandardara and Samrad to Ghatghar and the head of the pass leading down to the Thina Konkan.

This last road, from the further side of Bhandardara to beyond Samrad, will be submerged under the new lake formed by the Bhandardara-Shendi dam now building. But in its place a metalled road has been sanctioned and is now building from Shendi direct ta Ghatghar through Panjra and Uddavane, which will serve the same purpose of opening up the extrems western villages and enabling the trade in chillies, wheat and other grains from the eastorn districte vid Bajur to be carried in carts to the head of the pass, whence it is taken, partly in head loads by the local villagers and partly on pack bullocks by Banjaris down to Murbad Market in the Thana Konkan.
23. Besides these regular made roads thera is a fair cart-track, out and partly levelled by the Forest Department, giving acoess to Sharankhel from Akola, and a Police road, built as a wide bridle path; but along which it is possible to take carts with care in the daytime; has been cut over the hills from Samsherpur to Rajur.

Fair bridle paths fit for pack animals, have been made by the Forest Department, linking up Tala on one side and Kumshet on the other with Ambit and the Malegaion-Harischandra road, while another- runs from Kumshet through Koltemble to Samrad on the Ransda-Ghatghar road. All these roads and paths are new since the settlement, so it will be seen how greatly communications have been improded.
24. From Brambanwsda a country cart road runs to Belnpur, while another fair weather cart road goes from Chas down the Mula valley to Ambi Ghargaon on the Poona high road, in Sangamner Táluka.

There is a cart road from Sangamner through Ganora atd up the Ardala valley, fairly good as far as Devthan or even Savargaon, but above that it gets very rough and broken, though it is possible to get carts as far as Sangvi. From Devthan another country cart road goes through Tambhol to Akola, and forms, at present, the only communication between the latter and Samsherpur. From Keli and Devthan two rough and rugged cart-tracks lead over the hills to Sinnar, in Násik District, the main market for the Ardala valley.

The improvement of the means of commanication of this valley is the work most needed in Akola now. It is a prosperous tract, where irrigation and cultivation are extending, containing in Samoherpur a looal market for the neighbouring "dang" lapds, and it would repay opening out.
25. All over the "desh" there are country cart roads linking up the villages in the fair season, but in the "dangs" as may be understood from the character of the country, outside the roads and paths described above, there are no means of communications at all and everything has to be carried over the hills in head loads.

## APPENDIX 0.

## Markets and Fairs.

26. Appendix C gives a list of the weekly markets in the tiluka. Rajur is the most important, being a receiving and distributing centre for rico, wheat, khorasni and "hirdas" (myrabolams).

The figures of weekly sales in Appendix C are given by the Mámlatdár, cheoked, where possible, by aotual censuses of the bazars taken by me when eamping there. But of course the sales vary muoh from week to week. The actual transactions are not recorded. These figures thercfore only give a rough idea of the relative importance of each ""arket.

All these markets in the taluka, t th the partial exception of Rajur, are only subsidiary ones, the main markets, to which the produce ultimately goes lie outside, by far the most important being Ghoti, in Igatpuri Taluka, whither goes the great bulk of the bajri exported from the Akola "desh" (and a lot from Sangamner too) besides most of the surplus produce of the dangs. Next to it is Sinnar, in Násik District, the market for all the Ardala valley region, whither too the rioe of tre nbrthern "dangs" is largely sent.

## Fairs.

27. There are four fairs held in the taluka, at Agar (near Akola), Mhaladevi, Ranade Khurd and Samsherpur. That at Mhuladevi is the only big one being keld in honour of Khandoba on the 15th of Chaitra. Stalls are set up and the people buy baskets, cloth and sweetmeats chiefly but none of these fairs is of any commercial importance, except that the fair at Mhaladevi afiords the biggest sale and stimulus to basket making in the taluka.

Trade and Industries.
28. There are no industries beyond a few hand presses for extracting oil from Niger seed.

The only trade is the export of agricultural produce. Ghoti, in Igatpuri Taluka, on the G. I. P. main line is the market whitier the bulk of the prgduce goes for sale, along the bigh road from Sangamner through Akola, Rajur and the Bari pass. Niger seed (khorasni) and hirdas (myrobolams) are largely bought up by traders in Rajur and sent to Ghoti station to be railed direct to Bombay. A fair amount of rice goes the opposite way, to Sangamner and the eastern districts, where it fetches higher crices.

Rajur is the chief trading centre, where the produce of all the surrounding dangs is brought in and sold. There are a number of Gujarati banyas and other traders there who buy in the local produce for export both ways and control most of the import trade. Kotul is a smaller cegtre whence rice, brought in from the surrounding villages, is exported to Sangamner and Junnar táluka. There is no trade to speak of elsewhere.

Imports are only of things like cloth and garments, iron, copper and brass utensils and cheap trinkets from Bombay, and dried fish;' cocoanuts and eocoanut oil from the Konkan.' They nearly all come up the high road from Ghoti.

## Population.

29. Appendices D, E give the details of population and vital statistics for the táluka.

The figures quoted in the settlement reports of $1886^{\prime}$ and 1887 are those of a Revenue Department special census of 1885, and only cover the two main groups of 50 "deshi" and 102 "dangi" villages. Combining them we get, for these 152 Government villages, a total population in 1885 of 60,863 souls. According to the Imperial census of 1911 the same villages have a population of 72,810 or an increase of 19.6 per cent.

For the whole talaka the census figures are as under :-

| 1881 | $\ldots$ | $\ldots$ | $\ldots$ | $\ldots$ | 60,800 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 1891 | $\ldots$ | $\ldots$ | $\ldots$ | $\ldots$ | 68,009 |
| 1901 | $\ldots$ | $\ldots$ | $\ldots$ | $\ldots$ | 70,566 |
| 1911 | $\ldots$ | $\ldots$ | $\ldots$ | ... | 75,949 |

There has been thus a steady and considerable increase despite the big famine of 1899-1900 and the lean years following it.

Maratha-kumbis form 26.6 por cent, and Kolis $37 \cdot 2$ per cent. of the total population. No less than per cent. of the whole are agrioulturists of one kind or another.
30. Appendix $H$ gives the list of schoois and attendance both for 1885. (taken from Mr. Fletcher's reports) and for 1913. Boys' schools have multiplied, but there is still only one girls' school with no real inorease of attendance since the last settlement:

The percentage of literacy among males is $4 \cdot 1$ and for the whole population it is only 2'2. From the combined figures of Mr. Fleteher's several reports I find the percentages in 1885 were $5.3 \pm$ and 3.12 respectively; but as a muoh stricter and truer standard of literacy and sohool attendance has been taken in later censuses the comparison is false. .
Wages.
31. Statistios of wages are unsatisfactory., I give. figures however oleoked by personal inquiry and by reference to the Engineer in oharge of the big dam construction at Bhandardára.

Wages of unskilled labour range from 4 to 5 annas a day for men and from 3 to 4 annas for women. Skilled labourers,-blacksmiths, carpenters, masons and stome-cutters, etc.,-earn from 8 annas to a rupee, according to ability. At Bhandardára they are able to get more, but thare they are chiefly men imported from outside and of greater skill than can be got locally. Harvesters and field labourers are largely paid in kind, their net remuneration however, in a number of cases inquired into by me, worked out at about 4 annas a day.

Field labourers in permanent service, called "Saldars," are paid Rs. 25 to Rs. 30 a year plus food and an outfit of clothes.

From the figures recorded in the classers' books at the time of the revision survey, in 1884-85 I find that the average rate of daily wages for unskilled labourers then was between 2 and 3 annas for men, and $1 \frac{1}{2}$ to 2 annas for women. Rates of akilled labour and "Saldars" are not forthcoming.

н $330-3$

This is a taluka where, owing to the large numbers of Kolis and others whose holdings are too small to eupport them, there are always plently of unskilled and field labourers available. Also the táluka being backward and rather out of the way there is no keen demand for labour, and ordinary unskilled wages tend to stay at a low level. Even so there has been a marked rise since 30 years ago.

## Prices.

32. Appendix N gives a table of prices for Akola side by side with those for Sinnar and Igatpuri, taken from Mr. Garrett's recent reports.

Sinnar is the main market of the northern parts of the taluka and Igatpuri is taken as its prices are practically the same as those of Ghoti,-the biggest market for most of the táluka-for which statisti@ are not kept.

Wheat, gram, riee and nigerseed (Khurasni) are the money-making erops, bajri and nagali being grown mainly for food. The first four therefore, heing governed more by the big outside markets and less by local reasons, fluctuate leas in price, they are also better price indices, since it is quite possible in their case for high rates to coincide, with a local bumper crop.

Prices in the three markets do not differ very widely, but as was to be expected, the ratos for bajri are higher and those for rioe lower at Ghoti, than at Akola, while the opposite holds good for Sinnar.
33. There has been a great and steady rise in prices all round during the current settlement, except for the disturbing influence of the big famine of 1899-1900, when abnormal prices prevailed.

The below table shows this better. It gives the average prices for fiveyear periods of the last 30 years. The crops ohosen to form the combined index numbers cover 81 per cent. of the total oultivation and are thoroughy representative.


[^2]for the earlier periods are not available. But the crops included in the index numbers make up 72.32 per cent. of the total cropped area.

| Periad (Decennial). | Average prices in seets of 80 tolas per rupes at Akojn. |  |  |  |  | Combined mindex. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Bayri. | Wheat. | Gram. | Cleaned rice. | Nagalit |  |
| 1844-45-1853-54 | 331 | 253 | - 29 | 21.9 | $51 \frac{18}{88}$ | 183 |
| 185,4-55-1863-64 | $20 \frac{3}{4}$ | 178 | $17 \frac{3}{16}$ | 14 ${ }^{3}$ | $34 \frac{3}{16}$ | 120 |
| 1864-65-1873-74 | 14, $\frac{18}{16}$ | $10 \frac{1}{15}$ | $10 \frac{18}{16}$ | 7 | 224 | 74 |
| 1874-75-1884-85 | $19{ }^{\frac{3}{8}}$ | 15 ${ }^{\frac{1}{4}}$ | $19 \frac{9}{16}$ | $11 \frac{15}{6}$ | $22 \frac{1}{2}$ | 100 |
| 1885-86-1894.93 | 19 | 3512 | $17 \frac{1}{2}$ | $11 \frac{7}{16}$ | $22^{\frac{1}{16}}$ | 96.63 |
| 1895-1904 | 169 ${ }^{\text {18 }}$ | 109 | $12 \frac{3}{8}$ | 9 ¢ | $19 t$ | 765 |
| 1905-1914 | $13 \frac{8}{16}$ | $9{ }_{8}^{16}$ | $11 \frac{9}{16}$ | $7 \frac{3}{18}$ | 14188 | 618 |

This table shows that average prices for the last ten years are $61 / 19$ per cent. higher than for the ten years preceding the first Revenue Settlement and $190 \cdot 47$ per cent, higher than for the ten years preceding the Original Settlement.
34. Now Mr. K. L. Datta's inquiry into prices, on behalf of the Government of India, has shown that the commodity value of the rupee within the country has now sunk to the level of its exohange value outside; that is from 11 rapees to the sovereign in 1885 to 15 now, or a fall of 36 per cent. Applying this to the above figures we still find that since the beginning of the settlement, actual gold prices have risen some 27 par cent, irrespective of the nominal rise of 36 per cent. caused by the fall in value of the medium they are measured in.

Now as Government takes its assessment in that medium and not in kind, it would still, assuming that actual gold prices had stood still, need an increase of 36 per cent. all round in the aseessment to give Government the same real revenue from the land as it got when the 1st Revision Settlemont was made.

To give Government the full benefit of the rise in actual, or gold prices as well, an increase of over 60 per cent. would be needed.
35. But the present limit of 33 per cent. stands in the way of any such increase. That limit.was fired long ago, when neither the big fall in the, value of the rupee currenoy nor the big rise in the gold prices of commodities all over the world was in the least foreseen. Its rigid retention now means starving the revenue and benefitting a limited class of landholders at the expense of all other classes of the community.

There is of course the disturbing influence of the Great War to consider. But, though it is too early to be sure, all the factors so far point to a further rise in prices; e.g., the increase in the gold output, conpled with the substitution of a paper for a gold eurrency (likely to be permanent in part at least) by the combatants, inoreasing the stocks of gold and tending to depreciate the currency value, and the great stimulus to production almost sure to follow on реася.

## Value of Land.

36. Appendix $K$ gives statistios. of sales of dry erop and $K^{1}$ of rice lands. The very few sales of patasthal land have been included in $K^{1}$;-though shown separately for the partioular villages. Like rice lands their enhanced value depends on extra water supply, counterbalanced to some extent (as with "old" rice land) by an increased assessment, and like rice lands, and unlike well lands, there is no well or building, the price of which has to be included in the sale. The sales of well lands were too few to make another appendix of.

These figures I got by personal inquiry in the villages, from the Record of Bights, and I have checked every entry myself, so as to rigorously exclude anything but genuine cash sales. Many seemingly true sales had to be thrown
out because there was a collateral agreament to restore the land on conditions, and many others were 'Savkari' transactions or family arrangements. Hence genuine sales are very few in some villages and lacking altogether in others.

I have taken figures of salea, so far as they could be checked and tested, since 1884, 85 , but divided them into three periods, namely :-
(1) From 1884 to 1904 inolusive.
(2) " $1904, \% 1910$
(3) " 19 L 1 , now "

The great rise in values all over India began in 1905; so the first period is one of only slowly rising prices, the second of prices rising rapidly and the third of prices risen but still sending upward. The appendices show the figures of all three periods side by side; thus the rise in land values can be seen at a glance and the figures gain their fullest value for future reference. The number of sales is too small to disolose the true market value of land in most individual villages, but the group totals give fairly trustworthy averages.
37. Comparison with the figures in Mr. Fletcher's reports is useless, as the latter were simply taken from the Registrar and contained sales of dry crop rice and garden land, genuine sales and fiotitious transactions hetween money-lender and olient or between near kinsmen all mixed up together. But T have managed to collect figures of some genuine sales between 1884 and 1889 which I could check myself. I find that in 73 cases of sale of dry crop land in 39 villages the price averaged Rs. $21.3-0$ an aere (or 32.66 times the assessment). And in 21 cases of rice and patasthal land in 17 villagea the average price comes to Rs. 55-13-0 an acre (or 43 times the assessment). These figures are for the whole talluka and compared with the same averages for the last five years. They go to show that dry crop land has risen in value 66.6 per cent. and rice land 158 per cent. since the_first Rev. Settlement.

For the whole talluka the average price of dry orop land was Rs, 25 per acre in the first period, Rs. 31 in the seoond, and Rs. 34 in the third. That is the average price for the third period exceeds that of the second by 9.7 per cent. and that of the first by 36 per cent. For rice land the figures are Rs. 91-13-0, Rs. 133-5-0, and Rs- 141-11-0 respectively; that is the price in the third period is 6 per cent. higher than in the second and 53.26 per cent. higher than in the first.

In a backward tract like Akola the mere price of land is no safe guide to the comparative advantages and prosperity of a village. With little trade and no industries land is the only form of investment open to the people, and the village system. is still so strong that sollers and buyers are commonly confined to the village itself. Hence if the population have outgrown the available land, competition among themselves may force the price high above the commercial value of the land sold, while in another village where the population is small compared with the cultivable area, the opposite may be the case.

Thus the high average of my proposed group II is due to the very high prices in four villages, chiefly caused by the pressure of population on the one hand and the return to those villages of certain men who had made money in Bombay and wished to settle down as land holders in their native place on the other.

## Leases.

38. Appendix $M$ gives details of dry crop leases and Appendix $M^{1}$ of garden and rice land, personally checked by me to exclude all but genuine competitive rents. (Cash rents are few in Akola, suoh subletting as there is being mostly on the metayer or "battai" system.) The figures obtained, so far as they go, show that the assessment forms only a mall part of the full rental value of land. No fine comparison is possible with past figures; which not only inoluded dry crop rice and garden land mixed together, but also leases by mortgagee landlord to mortgagor tenant, where the nominal rent was swollem by interest and repayments on accumulated debts.
" Batai" rents are useless for settlement purposes. The landlord is paid a share, usually a half, of the total crop, itself an unknown and commonly unascertainable quantity, further complicated by a pro rata division between the parties of such expenses as seed, manure, "baluta" and the like, the landlord paying the assessment and the tenant furnishing the plough bullocks and all labour.

## Incidence of Assegsment.

39. I could not tour in this taluka till the kharif crops were all over, and busy as I was getting over the ground and learning, at one and the same time, a new job and a new district, I' could not do any satisfactory orop experiments.

But I have collected figures of some "khoti" sales, i.e., sales of the standing crops in dry orop lands, and I find the assessment averages just under 5 per cent. of the value of the crop so estimated.

Also I have made careful inquiries into the outturn of different crops in many villages and have collected some figures of the outturn of particular fields where I had the best means of checking my information. Of course I cannot pretend that such figures are accurate; but I have reason to believe they are not so very far from the truth. They will certainly err on the side of showing the outturn too small, as even the truthfullest villagers, when most carefully checked, will always understate their crops. In 60 such cases in 24 viliages $I$ find that the assessment averages just under 10 per cent. of the value of the crop in dry crop lands, while for rice lands it is only 4 per cent. ( 33 cases in 16 villages).

When it is remembered that both under Todarmal's settlement in Hindustan and that of Ambar Malik in the Deocan the state used to take, as its rent, one-third of the total crop in ordinary eases, and a fourth or a fiftio share where the land had to be irrigated by lift, it will be seen from the above how very moderate is the present assessment.

## Forest.

40. Akola is now the only taluka of this district containing regular forest reserves still managed by the Forest Department. There are two rangesakola in the east and Rajur in the west.

The eastern forests contain a good deal of teak and other timber, though of inferior quality, but those in the west consist wholly of evergreens, which are highly valuable olimatically, and protect the crops and soil of the lower slopes from being washed away by the torrential rains which would otherwise sweep down bare hillsides; but as timber they are almost worthless,

Commercially they are only valuable for the "hirdas" (myrobolums) growing in them. The right to gather these in each village is now sold by contract to the villagers themselves and the "hirdas" are then bought by traders at Rajur, who send them to Bombay vid Ghoti. In the last two years the sudden heary fall in price has caused a slump in this trade.

In these western forests too sundry roots and plants are found whioh the people of the remoter hill villages gather and use as food and vegetables.

Revenue History.
41. The area under oultivation and the revenue colleotions in each year of the current settlement are given in Appendices $\mathrm{O}^{1}$ and $\mathrm{O}^{2}$ respectively. Eaoh of these is threefold as the táluka was settled in three parts.

The decrease in unocoupied Government land from 6,898 acres at the introduction of the 1st Revenue Settlement to 1,911 acres only in 1914 is mostly due to its inclusion in forest. The area of occupied land has apparently only increased by 63 acres, and in fact all the land worth having has been occupied for a long time. But in faot as 1,411 acres of occupied land were acquired before 1914 for the new Lake to be formed on completion of the Bhandardára dam the real increase in occupied area since 1888 amounts to 62 aores.

The average assessment of the unoccupied land remaining is only 0-4-6 an acre as against $0-6-0$ an aore for occupied dry orop land, whioh shows that none but very inferior land is left. In faet the táluka has reached its limit of profitable cultivation, and there is ever a keen demand, for forest land in many villages.

Except for one bad year in 1896 revenue collections were made easily and regularly until the great famine of 1899-1900. From then till 1912 there was a series of lean years, and remissions and suspensions of revenue had to be granted repeatedly. Since then however all arrears have been cleared off and there has been no difficulty about collections.

Coercive processes had to be employed to a slight extent between 1909 and 1912, since then none have been needed. In very few instances had land to be sold or forfeited and in none had action to be taken under sections I57 and 158, Land Revenue Code.

Since 1896 'tagai' to the extent of Rs. 22,040 has been advanced for wells and Ris. 18,295 for rice "tals". This has all been or is being recovered without any difficulty.

Revenue demands are easily met and it is the oustom of many land holders, especially in the "dangs" to pay both instalments at the time of the first. The only people who often cause delay or give trouble are a few rich men, mostly money-lenders of Akola, Rajur and Kotul.

Agriculturists and Non-agriculturists,
42. The figures of land held by agricultutists and non-agriculturists are as under:-


These figures are only fortheoming for the last three years and the period is too short to show much. That there has been some increase in the proportion of land held by non-agriculturists is understandable since the big rise in prices coupled with the opening out of the taluka by now roads has tempted many sawkárs and others to invest in land who formerly contented themselves with lending money on-mortgage only.)

Below the comparative percentages are given for Akols and the neighbouring tálukas:-


Akola comes out well in this comparison.
Summary.
43. Everything goes to show that the assessment in this taluka is very moderate, and can be greatly increased without hardship:-
(1) Population has increased and so too have live and dead stock, the setback from the big famine of 1899-1900 having been quite overcome.
(2) Rice cultivation has extended enormously in the "dangs" and irrigation wells and garden crops have inoreased in the "desh".
(3) Communications have been greatly improved.
(4) Wages have risen substantially.
(5) Prices, the most important factor of all, have risen more than 60 per cent. all round since the present settlement began.
(6) Land values have risen likewise.
(7) Such evidence as can be got goes to show that the incidence of the assessment on the outturn of land is very light, and that it forms only a fraction of the full rental value.
(8) The revenue history is satisfactory. All land worth tilling has been brought under the plough except such as is kept for village grazing and other public purposes. The revenue is paid with ease, there are no arrears, and remissions and suspensions of late years are only such as are granted as an act of grace in bad years uphder the annewari rules.
Altogether the táluka is prosperous, and I see no reason why the assessment should not be raised to the full limit allowed. Eren that would only account for about half the rise in prices and land values.

Proposals,
44. The táluka was settled in two balves, the "deshi" part in 1886 and the "dangi" in 1887. The latter however included some purely deshi villages, like Lingdeo and Lahit, and many others of mixed character.

There are thus 5 "deshi" and 7 "dangi" groups making 12 in all.
I propose 7 groups for the whole táluka. The great diversity of the landscape, the very abrupt transition from one set of conditions to another utterly different which may be made by merely crossing from one side of a big lill or ridge to the other, and the wide gap in the existing rates, between one of Rs. 2-4 at the top and of Re. 1 only at the bottom, have prevented me simplifying further without sacrificing. revenue or else mach exceeding the presoribed limits of enhancement. The same causes have necessitated several "islands" of colour on the map.
45. I propose groups and rates as uṇier.
(1) Maximum rate Rs, 3,26 villages outlined in green on the map. These, are all villages of the present deshi group I and most favourably situated in point of climate, soil, and communications. They lie in the dale of the Pravara where it opens out into fairly flat and level country, around Akola, and all within 4 miles or less of Sangamner-Ghoti high road. The price of dry crop land per acre has increased 34 per cent. during the present settlement, rents ane high and they can well stand the increase of 33 per cent. reckoned however under Government Resolution No. 5739 of 29th October 1874, Revenue Department, at only 5 anaas in the rupee.
(2) Ten villages, maximum rate Rs. 2-12 (outined in blue). Six of these form the present deshi group II, whose position and character are well described in Mr. Fletoher's report. These villages are very prosperous, the selling price of land is extremely high in most of them and I find that they have had fewer suspensions and remissions and a higher "annewari" in the last ten years than even the villages of the 1st group, which goes to show that if somewhat wetter than the latter their rainfall is even more certain. They can easily stand the proposed increase of 6 annas in the rupee.

The remaining* four are villages of the present list group. But I cannat

Hivargaon.
Gapora.
Bongargaon.
Pimpalgaon Nipani. agree that they properly belong to it. They really lie in the lower valley of the Ardala and not in that of the Pravara. While the other villages of the first group have flat and open country between them and Akola and the high rosd, but are shut off by hills from Sangamner táluka on the east,-except for the one gap where the high road runs through; these
four have flat open country between them and Sangamener but are shut in by hills on the south and west, with only one bad cartroad connecting them with Akola and the Pravara valley by the pass through these hills south-east of Pimpalgaon. They really belong more to Sangamner than Akola being indistinguishable in soil, climate and situation from adjacent villages of the latter táluka like Javle and Nimligaon. They have had heavier suspensions and remissions and a lower annewari than any of the Akola villages of the 1st or 2nd groups. And their markets, too, are not Akola and Ghoti, nor do they use the high road to the latter, bat send their produce to Sangamner and Sinnar exactly like the adjacent villages of those two tálukas, using the same rough cartroads. On all these counts they are inferior to the other villages of the 1st group and hence I have put them in the 2nd.
(3) Eight villages, maximum rate Rs. $2-6$; outlined in purple. Five of these are the Ardala valley villages forming the present deshi group III. These I have continued in the same group. The sixth, Rajur, forms by itself the 1st dangi group, rated like the above, at Rs $1-14$ and I have grouped it with them, the increase being moderate, on account of its position as a market town on the main high road, though in soil and olimate it is distinotly inferior.

I have also raised to this group the double village of Kotul ("Mukund" and "Nime") at present in dangi group II, rated at Rs. 1-10. Its position has much improved since the last settlement, not only by the completion of the metalled road to Brahmanvada, linking it with the south-eastern villages and stimulating the trade to Junnar and Otur, but still more by the new road to Jamgaon, giving it direct access by high road to Rajur and Ghoti. It is a thriving little market town, second only to Rajur in point of trade, with equal access on either hand to Akols and Rajur, and farther afield to Sangamner and Ghoti. The two villages of which it is composed have good patasthal and well lands, the climate is like that of Akola, the rainfall recorded being almost the same, and the price of land is very high. The proposed inorease is only 46.15 per cent.

It wrould have been possible to put a bigger increase on ${ }^{\text {the }}$ Ardala valley villages, going by the high price of land, the good irrigation they enjoy and their certainty of rainfall. But to do so would make the inelusion of Kotul harder and would be unfair to them compared with the neighbouring villages of the Mhalungi valley in Sinnar, which Mr. Garrett, in his recent proposals, has rated at R. ${ }^{2-2}$ only. I have visited the latter valley at both ends, in Thangaon and Nalwade, and I cannot see that either in soil; climate or irrigation the Ardala valley has any advantage over it. And for communications these Akola villages are worse off, since they too market their produce at Sinnar and have first to take their carts, by difficult tracks, into the Mhalungi ralley, and thenoe, by the same roads as the villages of the latter use, to Sinnar.

Further east the anomaly is still greater as Nalwadi, in climate, soil and - communications just like Dongargaon or Hivargaon adjoining is also being put under a rate of Rs. 2-2-0 only as against Rs. 2-12-0 proposed for the latter.
IV. Twenty-three'villages, maximum rate Rs. 2; outlined in dark green. This group is formed by amalgamating dangi groups II and III, and deshi group IV, rated at Rs. 1-10 and Rs. 1-8, with some additions. The bulk of the villages lie in the south-east. The road from Kotul to Bramhanwada and the Junnar border has opened up the south-eastern villages, and, excepting Kotul as above, there is no reason for differentiating them from the remaining Rs. 1-1u villages to their north, among which indeed Mogras has no access by carts. The easternmost villages, on the Mula, from Lingdev to Chas, have access up the valley by Pimpalgaon Khand to Sangamner market, and downstream by a cart-track to Ambi Ghargaon and thenoe by the Poona high road to Junnar. From Belapur again carts can go to Bota on the same road for Junnar.

Hence I have put il' these south-eastern villages into the one group at Rs. 2. Of these Bori is at present rated at Rs. 1.6 but only owing to a mistake, it was confused with "Bari" at the head of the pass leading down to Ghoti, whicli latter was wrongly spelt "Bori" and coloured and shown as a Government village on the táluka-map accompanying the Revision Settlement Report,
while "Bori" itself was coloured and shown as an Inam village. The Collector of Ahmednagar's letter No. R.-364I of 24th July 1904 accompanying the original settlement report of Bari makes this olear. Bori is close to Kotul, to which it has easy access by carts, and in climate and conditions is exactly like neighbouring villages, so its proper place is with them in the proposed 4th group.

I have raised Padalne into this group also. This was one of the three villages lying west of Kotul put by Mr. Fletcher into dangi group IV, at Res. 1-6, beause while they had much the same climate as Kotul they had worse communications. But now the new Kotul-Jamgaon "made road runs through the village greatly improving its position, and it deserves to go into a higher class.

Into this group now come Pisevadi, and Bholevadi. These are both at present in the fifth dangi group at Rs. 1-4. But Mr. Fletcher's only reason for putting them there was that their communications were bad; in climate and character they are like Kotul and the villages around it. That is all altered now as the Kotul-Bramhanwada road runs right trrough them, giving them both the completest access to all the markets, while Bholevadi has become a mere annexe of Kotul. The increase in their case is 60 per cent. and so well within the limit for single villages.

Into the same group naturally fall the three villages of Sharankhel, Pimpalgaon-Nakvinda and Digambar, the first now in deslii group IV, the other two in dangi group III,-alike under à rate of Rs. 1-8. I have nothing to add to Mr. Fleteher's description of these villages except to say that the Police road from Samsherpur to Rajur passing through all three, and the forest road from Akola through Mhaladevi to Sharankhel have improved their communications a good deal.

With them I now propose to group Kelungan and Kohondi, at present in dangi group IV at Rus. 1-6. These immediately adjoin Rajur on the west, lying each side of the high road, with easy access to the latter and Rajur market. Though wetter than Rajur, their climate is better than that of the villages west of them,-bajri being grown as well as the coarser "dangf "grainsand favourably situated as they are I see no reason why they should not go up one group. The increase in their case as in that of Bori and Padalne above amounts to 4545 per cent. but taken as 7 annas. in the rupee only.

Group $V_{\text {. }}-21$ villages, maximum rate Rs. 1-12 (outlined in yellow). 14 ofr $^{\prime}$ these lie west of hajur on either side of the high road. Those furthest west are somewhat wetter (though a good deal sheltered by the big bulk of Kolsubai), but nearer to Goti market. The communications of these villages, always good, have been much bettered by the Ranad-Bhandara and Shendi-Bari roads built during the lease. Every one of these 14, villages now lies actually on a high road or close to one with easy access to it by carts. They are thus the most favourably situated villages in the dangs proper. They are all in tire present dangi group IV rated at Res. 1-6.

Ambhol and Paithan fall into this group. They lie west of Kotul and are already rated at Rs. 1-6. They are half dangi, half deshi villages lying in the . foot hills, with a slightly wetter olimate than the south-eastern. villages of my 4th group. They are linked to Kotul by a very rough cart-road.

In this group, too, I have put four villages of the present dangi group $V$ (Rs. 1-4), lying south of Kotul. These share the
 Badg.

Lastly, I have put Sangvi into this elass. It was included by Mr. Fletcher in the northern division of his dangi group VI rated at Rs. 1-2. But it does not really belong there. It lies at the foot of, not up in, the hills at the head of the Ardala valley, up which earts can reach it. In position it is just like Keli-Rumbhanwadi, which is in the proposed 3rd group. But to put it into that would be impossible, as it would mean an increase of more than 100 per cent.
( $380-5$

I might have made a speoial case and pul it in my 4th group, but it is a poor village, lies toe far up for irrigation and its crops are not so good nor the eale price of land so high as in the other Ardala valley villages. So I have merely raised it into the proposed 5th group, an increase of $55^{\circ} 5$ per cent. or 9 anas in the rupee.
VI. 47 villages, maximum rate Rs. 1-8 (outlined in orange). This group corresponds with the present 6th "dangi" group with some additions, and like it falls into a northern and a southern division. The former is exactly as desoribed by Mr. Fletcher, with the omission of Sangri as above, and the addition of Ambewangan. The latter is at present included in the fourth "dangi" group at Rs. 1-6. But unlike sll the other westera villages of that group it is cut off from the high road by lills, carts cannot get to it and, in position and character it is just like adjoining villages of the 6th group, so 1 have classed it with them.

The southern division lies south of Ghoti high road and west of Kotul. Those villages east of the Malegaon-Ambit road have the same kind of climate and the same laok of communications as the northern group of villages. Those to the west bave a worse and wetter climate, but they all lie on a made road except Mutkhel, which has a good cart-tack connecting it with the high road at Bhandara less than 2 miles away.

Three villages are at present in the lowest group, but I have raised them Ghatgnt, Panjara, Udàavane.
to this because the new Shendi-Ghatgar road runs right through them and gives them what they never had before, direct access by carts along a good metalled road to Ghoti market and the outside world. Further east I have raised two villages, Khadki and Purunchwadi also from the lowest into this group, because having made a careful study of them on the spot I find that in climate, soil and character they are exactly like the adjoining villages of the higher group, and lying as they do north of the Mula are better off for communications than either Sinde or Kohone, which are already in it. To the south-east I have likewise raised three villages, viz., Palsunde, Satewadi and Ambitkhind into this group since I find them to have a climate every whit as good as that of villages of the higher group bounding them on the north (and indeed much the same as Keli-Katal or Keli-otur adjoining them on the east and at present in the Rs. 1-4 class), while in point of communications they are not far from Kotul market and are no harder to get at than other villages of the 6th class.

The increase in these cases is 50 per cent., in that of villages already in dangi group VI it is 33 per centi, treated however as 5 annas in the rupee only.

Lastly, I haje put KeIi-Kotul and Keli-otur into this group, although they are at present in the 5th dangi (Rs. 1-4) group, because unlike the other villages of that group they are purely dangi in climate and character and quite shut in by hills, with no possibility of using carts.

They are doubtless favourably situated dangi villages, bat not more so than Chinchwan, which borders on Jamgaon and Vithe of group II and has an equally good climate or than Shelat and Ghoti, to whioh carts can even be got, which are all in the 6th group only.

They are both fairly prosperous and could be put into group $\mathbf{V}$ without hardship, but it seems to me unfair to do so while the above three villages remain in group VI.
VII. 18 villages, maximum rate Rs. 1-5 (outlined in light green). These are all villages of the present lowest, group, rated at Re. 1 only. Nine of them lie west or north-west of Harischandra, bordering on the Thana Konkan, and have the worst climate and heaviest rainfall, without any compensating adrantages in the way of communioations. It is true Samrad is at present on a made road, but as explained in paragraph 22 of this report, that road is shortly to be submerged under Lake Arthur Hill, and with it a good part of Samrad village, and of Shinganwadi, Ratanwadi and Koltembhe, leaving them robbed of their best rice Iands and of all ensy access to markets.

Ambit and Pachnai lie on the Malegaon-Harisohandra road, but they are both misetable little villages erouched on the very foot and flanks of the hill and on the windward side, with the worst possible combination of soil and
elimate, while the villagers are so poor that nowe of them can afford to keep a cart or would ever have enough produce for sale to fill it if he did. Mofeover, their combined jamabandi is only Rs. 121-12-3 and the profit to Government of pushing them up into a higher group would be trifing.

The remaining villages of this group lie south of the Mula in the most broken and stony country, bordering on the Junnar "dangs" where also the present rate is Re. 1 only. Though the rainfall is not so heaty as west of Harischandra, it is more excessive than in the villages north and east of them, and their communications are the worst in the taluka. They are also the least fertile and suffer the most from lack of any good drinking water for man and beast, while they have fewer and poorer rice lands than other villages, and the rice lands in the "dangs" are like garden lands in the "desh"s the main stand-by.
46. The effect of these proposals is to increase the dry crop assessment for the whole taluka by 30.96 per cent. The below table gives at a glanos the comparison of old and new rates and groups with the periods of the expiring settlements and the inerease on particular villages. The increase on no single village excceds the limit of 66 per cent.


Comparison with the Murbád Táluka of Thána Distriot, bordering on the south-west, is useless, aince that taluka lies wholly below the ghats in the Konkan and is utterly different in olimate and conditions.

On the east Akola borders on Sangamner. The rates in the latter are Re. 2 only for villages of the lst group bordering on the proposed 1st and 2nd groups in Akola, for which I have proposed Rs, 3 and Rs. 2-12 respectively. But Sangamner, though under second Revision Settlement, was resettled in 1905, before the great rise in prices, when the past'famines formed the dominating
consideration, very little enhancement was made. It was, therefore, more like one of the old settlements in its scale of rates, and there can be no doubt that were it to be revised now much higher rates would be imposed.

In the south-east the disproportion is less, Rs. 1-12 in Sangamner as against Rs, 2 proposed for Akola villages of the 4th group, but I am inclined to think these-villages are comparatively lightly assessed, and might all be brought somewhat nearer the lst group in subsequent revisions.

## Rice lands.

47. Old rice land, that is rice land existing at the time of the original survey, was assessed at first Revision Settlement under three maximum rates, Rs. 8 for all five "deshi" groups; and for the first three "dangi" groups, Rs. 7 for the 4 th to 6 th dangi groups and Rs. 6 for the last group of all.'
"Navkird" at that time; i.e., land converted from"dry orop to rice during the currency of the original settlement, was assessed by Mr. Fletoher within the maximum dry crop rates but on a higher " jantri" than jirait land.

As I understand the orders of Government are that subsequent new rice, i.e., land oonverted from dry crop to rice during the first Revision Settlement is to be regarded as purely a private improvement and to continue to be treated as dry crop without any increase at all.

I do not at all agree with this and I have ventared to set out my views on the whole question in my letter to the Settlement Commissioner, No. 315 of 20th January 1916. But and so long as these are the orders of Government I have no choioe but to obey them and ignore new rice lands, as has been done by $\mathrm{Mr}_{\text {, Garrett }}$ in Igatpuri. .

First Revision "navkird" will have its assessment, inereased by the same number of annas in the rupee as the dry crop land in each village.
48. For "old" or original rice lands I propose the following maximum rates-
(I) Rs. 9 for all villages of the first three groups.
(II) Rus. $8-8$ for villages of the thth group.
(III) Rs. 8 for villages of the 5th group and for all of the 6th group except the eight villages raised from the lowest

8. Panjra ${ }^{\text {a }}$. Paltunde. , their dry crop assessment raised 50 per cent. in
4. Puranchwai. 8. smbitkbind the proposed regrouping and as they are all poor
"dangi" villages I think it unfair to add to their burden a big rise in rice rates, merely to make the latter correspond exactly with the dry crop groups.
(IV) Rs, 7 for the above 8 villages of the 6th and for all the 7th group.
The above rates give a smaller increase than in the case of dry crop land, but "old" rice is slready heavily assessed compared with dry crop and still more with the great extent of new rice now existing, and I do not think that anything like the same ratio of increase is called for in its case. Moreover, as I am proposing changes in groups, it would result in very uneven enhanoements if the same incleases were proposed in the case of rice as in that of dry crop rates.

The total area of old rice in the táluka is 3,689 acres assessed at Rs. 7,763. The increase in assesment according to the above proposals will be Rs, 1,164 or 14.99 per cent.

The below table gives the comparison of old and new rates;


Patasthal.
49. At present all patasthal lands are assessed under a combined soil and water rate of Rs, S for the whole táluka.

This is a very clumsy and, awkward arrangement. The application of the rate depends entirely on the use of certain jantris, framed by the then Superintendent of Survey, prescribing the soil and water rates to be levied on the different classes of land for each group of villages under each maximum rate of the present settlement. These jantris often vary more or less arbitrarily.

Thus not only does the portion of the combined assessment separately set down as soil rate in the jantris vary with the varying maximum dry crop rates but the water rate is different; for lands of the eame "anna" c?assification in different jantris. This variation in the jantris really means that under cover of the same combined rate for the whole taluka the Superintendent actually. provided different rates for the different groups of villages.

Unfortunately there is nowhere on record anything to show on what principles he worked out these differences, nor what water rates he considered suitable as maxima (i.e., for best water supply on 16 anna land) in the different groups. And the Superintendent of Land Records, with whom I have personally gone into the matter, tells me that he has nowhere in his records any explanation of the methods fullowed and the precise factors reckoned with in making these jantris, so that without doing field work over again,-as the old Superintendents did, -it is inpossible to construct new jantris for the new groups with their altered maximum dry crop rates. All that can be done is to increase both soil and water rate by so many annas in the rupee on the existing jantris, thus perpetuating the old grouping for patasthal purposes.

It would be a great advantage if this obscure system could be done away with and the simpler and clearer system of a separate maximum water rate, assessment under which, according to-definite rules, is added to the dry erop rate of the land watered, oould be introduced. This is the system existing in Niphád and other tálukas of Nasik and is analogous to the separate assessing for water by the Public Works Department on lands commanded by a Government canal.

But as I am told this could not be done without fresh field work I have perfore9 to do the best I can with the present system.
50. The pats in this táluka vary much in quality. By far ithe best are those taking off the Arciala river, which have a stoady and assured supply of water, for the most part with masonry dams, and pretty well all taking off from rooky basins where the head of the pat is not likely to be washed away nor the bed of the stream to sink too low to let water enter it. It so happens too that in the four villages having irrigation on the Ardala the proposed increase of the dry orop rate is only 4 annas in the rupee. Hence for these bandharas I have no hesitation in inoreasing both soil and water rate by that amount, i.e., 25 per cent.

Thus the combined soil and water rate will come under $b$ new maximum of Rs. 10 an aere, which is practically the same as the rate (i.e., Ris 9-14) proposed by Mr. Garrett for patasthal on the Mhalungi river in Sinnar, where the water supply is equally certain and the pats are equally good.

H 330-0
51. But things are different in the rest of the taluka where the pats take off little hill streams with a more uncertain flow listing but a short time, and where the dams are mere temporary erections of earth and shingle. I do not think the water rate here should be raised as much as the dry crop rates. The táluks was last settled in a year of exceptional rainfall following on 3 or 4 good years, and subsequent experience has shown that, compared with those for dry orop, these patasthal rates were rather high. So a less percentage increase is called for to redress this.

Moreover, as I am altering the groups and inoreasing the dry crop rates more in some villages than in others," a mere raising of the present combined patasthal rate for the whole táluka by so muoh per cent. would result very unequally indeed. . The part assigned as soil rate would have to go up pari

- passu with the dry crop rates and the remainder left as water rate would be much less in some villages than in other.

What I propose, therefore, is not to fix any new nominal maximum combined rate except on the Ardala but to increase the "soil rate" of all other patasthal lands by the same number of annas in the rupee as tho dry crop rates of the respective villages have been raised, and to add 2 annas in the rupce (or 12.5 per oent. to the existing water rate).

The working of this can be olearly seen in Appendix $Q$ and the mere absence of a new "maximum combined rate" does not, I contend, matter at all, since, as I have shown above, that rate is really quite nominal. Even when a new one is apparently fixed all that happens is that the old rate and the old jantris are followed blindfold, the assessments under them being merely raised or lowered so much per cent.

The effeet of these proposals is an increase in the total patastlal assessment of the táluka of Rs. 791 or $21 \cdot 65$ per cent.

Garden lands dependent on wells only neod no separate treatmont. New "motasthal" is treated as "jivait" and old well lands merely have a small "chad" added to their " bhag annas for position class and, with their classifeation thus slightly raised, are then treated in every way like dry crop. They will naturally take the same inorease as the jirait lands of their respeetive villages.

## Conclusion.

52. The combined effect of these proposals is to raise the assessment of all kinds on the taluka by Rs, 27,769 or 29.63 per cent.

This report may be a shade lengthy, but Akola is a difficult taluka to deal with shortly.
53. Period of guarantee.-I beg to recommend that the revised rates, if sauctioned, be guaranteed to expire in 1935-36, at the same time as the present settlement reports of Sangamner and Kopargaon.

I heartily agree with Mr. Brauder (report on Shevgaon and Pathardi) that with the present rapid rise in prices, not to mention the disturbing factors introduced by the Great $W$ ar, thirty year leases are too long, coupled as they are with the 33 per cent. limit.

Moreover Sangamner and Kopargaon were resettled before the big rise set in and at rates which are far too low for present conditions. If all three tailukas could be resettled together, as soon as the Sangamner and Kopargaon guarantees admit, it would be possible, by a big increase in the latter two and a smaller one itá Akola to bring the three talukas more into line, and lessen the present anomalies in their rating.

I have the honour to be,<br>Sir,<br>Your most obedient servant,<br>N. H. HEY,<br>Assistant Settilement Officer, Western Tálukas, Ahmednagar.

No. S-391 of 1916.
From

N. H. Hey, Esqutre, B.A., I.C.S., Assistant Settlement Officer, Western Tálukas, Ahmednagar ;

To
The SETTLEMENT COMMISSIONER AND DIRECTOR OF LAND RECORDS, Poona.

Ahmednagar, 18th—19th May 1916.
Sir,
In continuation of this office No. 390, dated 18th-19th May 1916, I have the honour'to submit proposals for the Revision Settlement of the alienated villages of the Akola Táluka, which are 4 in number.

| Nama of stlage | Jarr. | thorts |  |
| :---: | :---: | :---: | :---: |
| virgrou | $1000-92$ |  |  |
| Waghapur | 1010.11 |  | the years and under the sanctions noted |
| Bari Qaktrwadi | 280505 |  | .in the margin. |

3. Three of them were rated like the surrounding Government villages with which they were grouped; but Waghapur was given a special rate to avoid loss of revenue to the alienee."

As stated by the Superintendent at the origizal Surveys, they differ in no way from the adjoining Government villages.

Each of the four lies in a different group of Government villages, Virgaon between the present deshi group III and group I on the lower Ardala, Waghapur among villages of the dangi II and deshi IV groups,' south-east of KotuI, Bari at the head of the pass leading down to Ghoti among dangi group IV villages and Sakirwadi to the south of Rajur among villages of dangi group VI.
4. The population of the four villages has increased from 2,556 in 1891 to 2,842 in 1911. Imperial Census figures are given as the villages were settled at different times and no comparison can be made with past figures otherwise.
5. Appendix $\mathbf{F}$ gives the latest figures of live stock, as the villages were settled at different times upto 1910, earlier figares are not available for comparison.
6. Statistios of sales are given in appendices as for the Government villages, personally extracted and checked by me in the same way.

There are no cash leases in these villages.
7. Revenue History.-There is little to say about this. The villazes are all wholly alienated, and there has been no alteration in areas of Government occupied and unoccupied land, so Appendix $O$ is not given. As for $O$ the figures received from the Mamlatdar are worthless, the Inamdars have kept nothing like accurate accounts, ind what is more they won't hand over to the

- Mamlatdar what accounts they have, so there was nothing to make out the appendix with. There has hawever been no difficulty in collecting the revenue of these villages since they were surveyed.

I see no grounds for treating these villages otherwise than the surrounding Government villages; they are exactly like them in all respeots and have shared their progress.
8. My proposals are as under.
(1) Virgaon.-This is at present grouped with Pimpalgaon, Ganora and Hivargaon adjoining. I propose to continue this grouring and pat it in the new group II. It lies between this gro up (as proposed by me) and group III, but is on the whole more like the former in type, and the resulting increase being moderate, I prefer to keep it there.
(2)' Waghapur.-This naturally falls into the proposed group IV, in the middle of which it lies. Its present rate of Rs. 1-14 was only given as a special case to bring the revenue up to what it was before survey and it now gets a slight inc rease again only six years after settlement.
(3) Bari,-This naturally falls into new group $V$ having already the same rate, getting the same increase as the adjoining villages.
(4) Sakirroadi.-This equally naturally goes into new gro up VI.
VI. The attached table gives the comparison of old and new rates, periods of settlement, eto.


The effect of these proposals is to increase the dry crop assessment by Rs. 721 or 20.11 per cent. Appendix $Q$ shows the results in detail, and the position of the villages can be seen on the map accompanying my report on the táluka, where they are colou red with a light greenisb-yellow wash and outlined with the colour of the group to which they are assigned.
9. There are 4 acres of "old "1 rice in Virgaon which will come under the maximum rate of Rs. 9 proposed for villages of the first three groups, 8 acres in Waghapur, which will come under the proposed Rs. $8-8$ rate for the 4th group and 421 acres in Bari and Sakirwadi together, to both of which the rate of Rs, 8 will apply just as to Government villages of the 5th and 6th groups. The total increase in rice assessment for all four villages will be Rs. 122 or $15 \cdot 42$ per cent.
10. There are altogether acres of assessed patasthal in Virgaon only, at present under a combined soil and water rate of Rs. 8. As the pats do not take off the Ardala but from patty tributaries I propose the same for them as for the rest of the thluka, i.e., the soil rate to be increased in the same proportion as the jirait rates and water rate by 2 annas in the rupee. The result is a total increase of Rs. 12 or $17 \cdot 46$ per cent.
11. In conclusion, I beg to recommend that the rates be guaranteed to expire at the same time as those of the Government villages.

> I have.the honour to be, Sir,
> Your most obedient servant,
> N. H. HEY,
> Assistant Settlement Officer, Western Talukas, Ahmednagar.

APPENDIX A.
Statement showing Rainfall recorded at Akola, district Ahmednagar, for the years 1905 to 1315.

| Year | Ebrly rain Qat danuary to 10Ll $\Delta \mathrm{pril}$ ). |  | Anta Monsoon (11th April to 4th Junee). |  | Monsoon Khazif (5th Jage to 14th auguth). |  | Monsoon Rabl (15th August to 2ist Oetobar), |  | Late rains (282a October to 3ist Decembor). |  | Total. |  | Remarks. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Fall. | Rainy disy | Fall. | $\begin{aligned} & \text { Batay } \\ & \text { days: } \end{aligned}$ | Fall, | $\begin{aligned} & \text { Rainy } \\ & \text { daja } \mathrm{B}_{4} \end{aligned}$ | Fall. | Rainy dasst | Fall. | Ramy <br> days. | Fall. | $\begin{aligned} & \text { Bainy } \\ & \text { days. } \end{aligned}$ |  |
|  | Inolus, | $\mathrm{Na}_{0}$ | Lnchom | No. | Incines | No. | Inches. | No. | Inches, | No. | Yuchas | No. |  |
| 1805 | $\cdots$ | -• | 121 | 1 | 18'67 | 45 | 263 | 7 | 088 | 3 | 18984 | 26 | Tide remaris may. |
| 1896 | $\cdots$ | ** | $\cdots$ | " | 30:40 | 22 | 578 | 10 | 0.42 | 2 | 10-24 | 40 |  |
| 1807 | - | * | 1.08 | 5 | 14.90 | 32 | 881 | 18 | $\cdots$ | $\cdots$ | 2477 | 60 |  |
| 1908 | - | $\cdots$ | ** | $\cdots$ | 1815 | 29 | 706 | 17 | 824 | 3 | 2901 | 48 |  |
| 1003 |  | $\cdots$ | 631 | $\bigcirc$ | 878 | 27 | 670 | - 12 | 003 | ... | $21 * 83$ | 4 |  |
| 1910 | $\cdots$ | , | 003 | $\cdots$ | 3\% 71 | 30 | 18.88 | 17 | 110 | 4 | 5980 | 51 |  |
| 1011 | - | $\cdots$ | 9'6s | 8 | $4 \%$ | 14 | 218 | 6 | 8.32 | $\theta$ | 13\%95 | 88 |  |
| 1012 | $\square$ | $\cdots$ | 087 | 8 | 1528 | 28 | 8880 | 8 | 898 | 6 | 2628 | 43 |  |
| 1013 | $\cdots$ | , | 3 68 | 5 | 1s 09 | 34 | $8 \cdot 99$ | 11 | $\cdots$ | - | $25^{\circ} \%$ | 50 |  |
| 1914 | - |  | 121 | 1 | 1716 | 30 | 8.96 | 13 | 187 | 2 | 28067 | 16 |  |
| 1915 | * | - | 10.4 | 2 | 18.70 | 26 | ${ }^{13} 81$ | 15 | 048 | 1 | 285 | 61 |  |
| Arecage | ..' | - | 181 | 2 | 18\% 57 | 88 | 685 | 32 | 1 \%t | 8 | 28.84 | 42 |  |

- Stutement shoveng Rainfall recorded at Harisehandra, distried ATmednagar, for the years 1904 to 1914.

| Year. |  |  | Ante Monsoon (IIth April to \$th Junè. |  | Mongoon Khari (5th June to I4th Augast). |  | Monsoon Rabi (15th Aumast to 2lat October) |  | Late raina (22nd October to 31st Decambar) |  | - Motal. |  | Remarks |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Fall. | Rolhy dayb. | Fall, | $\begin{aligned} & \text { Raing } \\ & \text { dayse. } \end{aligned}$ | Wall. | $\begin{aligned} & \text { Rainy } \\ & \text { day } . \end{aligned}$ | Fill. | Raiuy daye. | Pall. | $\begin{aligned} & \text { Raing } \\ & \text { days } \end{aligned}$ | Fall | Bniny dnys. |  |
|  | Inchen | NO, | Inches. | No. | Inclus. |  | Inches. |  | Inchas. | No. | Inches. | No. |  |
| 1004 |  |  |  |  | 225.48 | 68 | 4024 | 45 | 0.80 | 3 | 26603 | 115 | Information as far |
| 1905 |  |  |  |  | 118.80 | 60 | 40.4.4, | 28 | 049 | -. 2 | 16168 | 78 | the recoxls of the |
| 1800 |  |  |  |  | 15849 | 64 | 70.74 | 84 | $0 \cdot 14$ | - | 28789 | 109 | D asater |
| $180 \%$ |  |  |  |  | 156 | 47 | 50.82 | 87 | $\stackrel{*}{ }$ |  | 288 98 | 81 |  |
| 1008 ... |  |  |  |  | 207764 | 02 | 58.11 | H | 1'48 | 4 | 968.08 | 108 |  |
| 1898 . | Nore | ord topt | betore | June | 204.66 | 68 | 9428 | 40 | $\ldots$ | . | 258.82 | 106 |  |
| 1910 |  |  |  |  | 188 cl | 68 | 76.7 | 47 | 888 | 8 | 286594 | 133 |  |
| 1011 |  |  |  |  | 108.10 | 4 | 9818 | 40 | 4.60 | 6 | 211-69 ${ }^{\text {* }}$ | 99 |  |
| 1012 ... |  |  |  |  | 19840 | 45 | \$189 | 82 | $8 \cdot 48$ | 5 | 240.17 | 98 |  |
| 1918 |  |  |  |  | 2936 | 60 | $6_{5} 5^{\circ} 89$ | 88 | $\cdots$ | - | 281.40 | 08 |  |
| 1914 |  |  |  |  | 232'76 | 01 | 68.8! | * ${ }^{\text {\% }}$ | $8 \cdot 50$ | 8 | 28312 | 103 |  |
| Avergge, |  | m |  | $\cdots$ | 12600 | 69 | 69.68 | 88 | $2 \times 37$ | $s$ | 24098 | 99 |  |

APPENDIX $A^{2}$.
Statement showing Rainfall recorded at Pachnai, district Almednagar, for the years 1904 to 1914.


Statement showing Rainfall recorded at Kotul, district Ahmednajar, for the years 1904 to 1914.

| Years | Enfly Rain (lat danmars to 1uh A pril). |  | Ante Morsoon (1lih Aprill to 4th June). |  | Monmoon Kharit <br> (5th June to <br> 14th Augubt). |  | Monsoos Rabl (15th Augut to 81st Octabar). |  | Late rains Ieznd Octoher to 1314t December). |  | Tutal |  | Redirtis. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Prall. | $\begin{aligned} & \text { Rating } \\ & \text { daga } \end{aligned}$ | Fall | $\begin{aligned} & \text { Rainy } \\ & \text { days. } \end{aligned}$ | Fal. | Raing dage | Fall. | Rainy daye. | Fall. | Rainy days. | Fanl. | Ratny disy |  |
|  | Inches. | No. | Inches. | No. |  | No. | Inches, | No. | Inohss | 150. |  |  |  |
| 1004 | ! |  |  |  | B 83 | 9 | 636 | 8 | " | $\cdots$ | 1079 | 88 | Information an far as |
| 1905 . 1 |  |  |  |  | 11'10 | 28 |  | 12 | 065 | 8 | 1352 | 41 | mepords of the P. W, |
| 1900 ..4 |  |  |  |  | ${ }^{6} 68$ | 19 | 387 | 9 | 0.1 | ** | 885 | 28 |  |
| 1907 |  |  |  |  | 19 Ba | 29 | 8.59 | 16 | $\pm$ | " | 28.18 | 45 |  |
| 1808 |  |  |  |  | 11/41 | 53 | 578 | 16 | 128 | 8 | 20.40 | 40 |  |
| 1809 ... | Norec | ord kept | before | June | $11 \times 80$ | 28 | 785 | $\dagger$ | ." | $\cdots$ | 18.46 | 39 |  |
| 1910 |  |  | - |  | $16 \cdot 90$ | 28 | 19:60 | 10 | 1.88 | $\theta$ | $33 \cdot 22$ | 60 |  |
| 1911 |  |  |  |  | 878 | 88 | 8815 | 11 | $8 \cdot 85$ | 7 | 1478 | 16 |  |
| 1512 |  |  |  |  | 1513 | 81 | 248 | 10 | 814 | 6 | 2085 | 38 |  |
| 1913 |  |  |  |  | 25.30 | - 30 | ${ }_{5}^{56} 48$ | 18 |  | $\cdots$ | 28.78 | 49 |  |
| 1018 |  |  |  |  | 23888 | 37 | 7 38 | 19 | 238 | 8 | 384 | 89 |  |
| Average... | - - | $\cdots$ | $\cdots$ | $\cdots$ | 1859 | 87 | 8.70 | 19 | 2.00 | 2 | 20.78 | 4 |  |

APPENDIX $A^{4}$ ．
Statement ahowing Rainfall recorded at Chas，district Ahmednagar， for the years 1904－1914．


Slatement showing Rainfall recorded at Ghatghar，district Ahmelnagar， for the years 1908 to 1914.

| Year | $\begin{aligned} & 3 \text { Eariy ran } \\ & \text { (Ist Jiviuary to } \\ & 10 \text { to April) } \end{aligned}$ |  | Ante Moneoon （IIth April ts）納 June．） |  | Monsoon Kharif （6th Junc to 14th Angust ） |  | I Mongoon Rahi （15th Angenst to 21 Bt October i） |  | Late mina （22ud Oetober to Bist December．） |  | Total |  | Remarks |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Fall | $\begin{aligned} & \text { Rainy } \\ & \text { days } \end{aligned}$ | Fall． | $\begin{aligned} & \text { Rainy } \\ & \text { daypa } \end{aligned}$ | Fall | $\begin{array}{\|l\|l\|} \text { Rniny } \\ \text { dasya } \end{array}$ | Fall． | $\begin{aligned} & \text { Raing } \\ & \text { days } \end{aligned}$ | Fall． | Rainy dayd． | Fall． | $\begin{aligned} & \text { Ramy } \\ & \text { dayys } \end{aligned}$ |  |
|  | Inchas， | No | Inches | No． | Incher | No． | Inches． | No． | Incher． |  | Inches． | No |  |
| $\begin{gathered} 2044, \\ 1907, \end{gathered}$ | ＂ | $\cdots$ |  |  | ＊ | No | 1 f 0 rma | tion |  |  | $\cdots$ | ．．． |  |
| 1988 ．－ |  |  |  |  | 18587 | 02 | 248＇85 | 52 | 200 | 8 | ${ }^{330} 028$ | 12 | 㫛易 |
| 2809 － | $\cdots$ | ＊ | 宮 | 尔 | 174 53 | 6 | 6317 | 42 |  | ．．． | 92771 | 108 | 吅号第 |
| 2910 |  | ＊＊＊ | \％ | 怱 | 18014 成 | 64 | 6877 | ${ }_{40}$ | $8 \cdot 61$ | 8 | 200．68 | 116 |  |
| 1911 | $\cdots$ | $\cdots$ | \％ | 号 | 10980 | ${ }^{3}$ | 598 | 41 | 4－29 | 9 | 18789 | 108 |  |
| 1012 ．．． | ＂ | ＂＊ | \％ | 产 | 17687 | 67 | 36.42 | 34 | 469 | 4 | 21438 | 83 | 星兑 |
| 1915 | ＂＇ | $\cdots$ |  |  | 1588 | 89 | 4486 | 37 |  | $\cdots$ | 188．70 | 106 | 晨咢壁 |
| 194. | $\cdots$ | $\mu$ |  |  | 243 | 64 | 6886 | 41 | 068 | 1 | 2 CB 34 | 108 |  |
| A varage mom |  | m |  |  | 16969 | 63 | 6895 | 42 | 204 | 3 | 24988 | 107 |  |

APPENDIX $A^{\circ}$.
Statement showing Rainfall recorded at Savargaon, dialricl Ahwednagar, for the yeare 1913 \& 1314.

| Year. | ${ }^{4}$ Encly rain (18t Januarr to 10th April.) |  | Ante Mansoon (1Lth April to 4th June.) |  | Mongoon Kharit (fith Jinne to 14th Angust.) |  | Monsoon $\mathrm{E}_{\mathrm{ab}} \mathrm{bf}$ (1xth Aquist to 21st October ) |  | lato mine (28nd Octoher to ${ }^{\prime \prime}$ 3int broctmbar |  | Total. |  | Remar, |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Fall. | $\begin{aligned} & \text { Raing } \\ & \text { days. } \end{aligned}$ | 7all | $\begin{aligned} & \text { Raing } \\ & \text { Rasys. } \end{aligned}$ | Fall. | $\begin{aligned} & \text { Bainy } \\ & \text { daysa } \end{aligned}$ | Fall. | $\begin{aligned} & \text { Rainy } \\ & \text { days. } \end{aligned}$ | Foll | Rafny day di, | Fall. | Rainy digy |  |
| 1918 | Inchab | No. 440 | Inches. | No. | Inches. <br> 1437 | $\begin{gathered} \text { No } \\ \mathbf{2 0} \end{gathered}$ | Inchem <br> 775 | $\begin{gathered} \text { No. } \\ 19 \end{gathered}$ | 1rehes. | No. | Imobon. 2 | No. |  |
| 1914 | ** | $\cdots$ |  | m | 36'77 | 45 | 12.27 | 26 | 100 | 1 | 4003 | 78 |  |
| Arerage |  | $\cdots$ | $\cdots$ | - | 2007 | 38 | 10.51 | 19 | 06 | $0 \%$ | 87\% | 68 |  |



Siatement showing Rainfall recorded at Padoshi, district Almeduagar, for the gears 1913 \& 1914.

|  | E Eajy rann (1st Jampary to 10rh April.) |  | Ante Monsoon <br> (11th April to. sth June.) |  | - Mortbdon Kharif (sth Jane to 14th Augukt.) |  | Monacen Rabt (15th August to 21at October.) |  | Late rales (Phind Dctrber to alat Decamber) |  | Total. |  | Hemarks |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Fals | Rainy dnys. | Fall. | $\begin{aligned} & \text { Flalny } \\ & \text { dasa. } \end{aligned}$ | Pall. | $\begin{aligned} & \text { Rainy } \\ & \text { dayy } \end{aligned}$ | Fall. | $\begin{aligned} & \text { Reiny } \\ & \text { daya. } \end{aligned}$ | Fail | Raing days. | P8n | Ralny days, |  |
| Iels | Incher, | No. | Inohagen | Na, kept. | Inehoh <br> 88.71 | 804 | tuches. <br> $18 \cdot 29$ |  |  | E\% | [mebent | N0. |  |
| 1914 | ** | m | ... | ... | -84-38 | 8 | 47\% | 38 | 414 | 2 | 136'12 | 92 | 妞 ${ }_{\text {¢ }}^{4}$ |
| Average. | $\cdots$ | © | \% | ** | 58.5 | 4 | 8241 | 29 | 8.07 | 1 | 0288 | 72 |  |

## Remarks with regard to the charaoter of Rainfall Season in Ahmednagar, Parner and Akole Talwkes of the Nagar Deetriot during 1905-1915.

1905.-Rain during the vear was much below the average. There was light rain in the ante monsoon period. Monsoon get in early in Jume but general aowigg raln was not recaved till ato the end of the mouth. Sowing was Akois and the cropa began to suffer. The rain in September was again deficient and the break having prolonged to the middle of October khanf crops almost withered. The fall in the third week of October and in prolonged to geanty and ingufficient for general rabs sowing and the seedings where germinated did not fare well, December was slmont ramless. Season on the whols was very poor.

1906-Wreept at Akole the total ram of the year was in excess of the average Ante monsonn rain was practically absent. The usual nowing rain commenced eariy in June and kharif sowing started everywhere. It wiss contunued and completed in July under fayourable rain. The seedlings were in gond condition. They were favoured by pood rain in Augnat and the crops promased well. It also enabled rabr nowing, to be undertaken in places. But tha rain in September was much below requirements and affected kharif crops. The rain in October was again hight
and rabi aowng was checked. The November fall was partial and aight rain in December helpeat but little. The and rabi sowng was checked. The November fall was
1907.-The year's yain was in excess of the average at Parner and akole; at Nagar it was in defect of it Fairly heary rain fell in the ante monsoon perind ond it wos ueful for preperation of land The monsoon began rathar iate in June. dae fall being inadequate kharif sowing commenced only in phaces. July raan was favourable Hat September rain was scanty and being received only in the last week the standing orops anfferad. October opened with very light rain and November was practically dry. Rabi sowng was returded and the aeedlungs where germinated wanted more ram. December was rainless. Season on the whole wes porr.

1908, - Except at Parner the rain during the year was slightly in excess of the atiersge. Ants monsoon rain was absent. Regalar monioon opened timely in June but the fall bevng ingutiocient kharif eowing wes confined to moist, places only. In Jnily the fall was light and acatterad sud general kharif sowing was retarded August rain was khamif erops and gave rabis good start and large areas were put under theme eropsa In October rain fell in the leat khart erops and gave rabi a good start and large areas wens pat under theme crops. In cctober rain fell in the leas fell in November or December. Esbi erops on light soul affered. Sesson on tha whole was poor to fair.
1909.-The rain during the Year exceaded the average except st Parner. The ante monsoon rain was good int usefui for proparation of land. The monvoon aet in oarly in June sffording anfficient moisture for kharif sowings which progressed everywhere. They were compheted in Jaly though the fall to thie month was below the average. beneficial to the atanding cropa. It also indaced rabi wowing which was completed iniOctober though the fall in that month was holow the requirementa. The seedlinga wore doing well, Novenber was rannlesa and the December fall was light and partials Rabr crops reqnired more ran for their proper developnent, Season on the whole Fas fairly ${ }^{\prime}$ good for kharif and poor to faur for rabi crops
1910.-The total fall was much above the average. There was light fain in ante monsoon period Regular monsoon opened timely in June and kharf sowing was commenced except ak Akola where it was retarded owing to Bresave moistare. The fall in suly was heneficial for completion of kharff sobhaga and the woedhags were thriving. places. Land s were ready for rabi caltivation but soping war retarded for wait of e break. In October rain fell in places. Lands were ready for rabi caltivation but sownig was retarded for wait of e break. in October rain fell in fisvaured in November with usefal rain. December was dry. The rabi prospetts were light bat a severe frost later on in the season prejudicislly affected their yield. Seeson on the whole was middhng.
1911.-Rain daring the year was short of the average. Ante monsoon rala was fairly good. The monsoon set in early in June and the fall being insufficient kbarif nowing was confinedito moist places. July rann exceeded the average and faclitated the retarded kharif sowiog. The seedinga were favoured by useful rain in Anguat and were in fair condition. Bat September rain was far below requirements and affected the crops injanoasily and rain was
urgently needed to asave them and aleo to start rabi cowing. The fall in Octoler was vary hight and did not help rabi sowings, which were taken in hand only after nseful rain at the end of Nopember. There wis no rain in December though more was badly wanted for the growth of zabi seedlinga. Season on the whole way very poor.

1918--Except at Akols the totsl fall was in defect of the average. Antud monsoon rain was light. The monsoon commenced in the econd week of June and the fall being unadequate kharif sowing was oonfined to light goil July rain wes general and asefal for the oompletion of hharur sowngs. rain fold not fouprove the situation as the fall of the month wes only a few cents and kharyf crops further deteriorsted. Rebs sowing was also delayee. Oetober raun Wha "extraordnarily partial"; rabi sowng was started in places but more rain was required to pasir them on. Rain in the third week of November enabled further rabi sowing to bernadertaken. There wes no rain in December thongh it was badly wanted for rabi crops. The season was fas in Akols and very poor eleowhere.

1013 -Rain during the year was in axcess of the averace dxcopt at Pirner. Fairly good rain fell in the ante monsoon period. The monsoon opened timely in June sad the fall was suticient for kharif anomnge whreh were in belping growth of seedings. The fall in August though below requiremente wes general and beneflomil to the standiag erops. They were further favoured by seasonable rain in September This rain also induesd rabu sowings for which, erops. They were further favoured by seasonable rain in september fris rain aiso induced rabi sowings for which, In fair oondition. There was no rain in November or December though rabi crops requiren it for profer development. The season on the whole was fatrily good.
1914.-Tbe total fall of the sear exceeded the averagg at Pirner and Akola and was bolow it at Ahmednagay. Ante monsoon rain was light and partial Monsoon opened tinoly in Jase and the kharif sowing pas atarted everyWhere, It was bompleted in July under favoursble rain and the seedhogs were in good condition. augusf rain was upto requirementa, The fall in september was almost continuous which bircatened damege to in blaadung crops in parts crops throve well. November rsin was beneficisi and December was ramleas. Habi orops continued to be in good crops tirove well. November rain was bene
1915.-The total fall of tho year was much orer the arerage. Ante monsonn rain was usefal for the preparation of the land. Regular monsoon opaned in the third week of Jane and the fall being beneficmal zarit sowiog was commenced in the last week. July rain wan more than double the average and kharif bowing was continued though retarded in places and traneplantation oommenced in Akols. Light scattered rain was received in Auguat which was quite ingdequate snd the standing crops began to wither in parta of Nac and Páner. Relief however cama in september when the fall was general conepderably above the average and romowhat owceasive in placos. It received the khanf orope and enabled rabl fowiag baing started but the latter was retarded owing to aubsequent sontinuous good. Bome nseful rain fell in December and the crops throve well. beason on the whole was good.
(Signed) E. R. GOKHALE,
for Diractor of Agricalture.

Thetatls of cultivation and coops in the 163 Gcuernmen

3.
pillages of the Akola Tailuta of the Lhmednagar Collectorate.


B.

Vullages of the A kola Tailuka of the Ahmednagar Collectorate.

| , |  |  |  | Crope. |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| arie avallable |  |  |  | Cereals. |  |  |  |  |  |  |  |  |
| Area unoccuphed. |  |  |  | Jowdri. | Hajrl | Padds. | Wheat. | Corree grams | Othexa. | Total | Tus. | Gram. |
| $\begin{gathered} \text { Avallable } \\ \text { cultivetion. } \end{gathered}$ | Not avaleblep for cultivation |  | Total |  |  |  |  |  |  |  |  |  |
|  | Forest | Cthers. |  |  |  |  |  |  |  |  |  |  |
| 16 | 17 | 18 | 18 | 80 | 4 | $\$ 8$ | \% | 94 | 25 | ${ }^{5}$ | 87 | 88 |
| Acras | A ${ }^{\text {arem }}$ | Aores | Aores |  |  |  |  |  |  |  |  |  |
| 869 | . | 88 | 967 | 1.974 | 7 |  | 102 | ... | - | 9,089 | . | 3 |
| 899 | . | 68 | 067 | 150 | 1.770 | $\cdots$ | * |  |  | 1,989 | * | , |
| 905 | - | 68 | Or9 | 168 | 1,787 | - |  | . |  | 1,855 | , | $\cdots$ |
| 960 | , | 1,158 | 2,088 | 167 | 1,887 | 447 | 96 | 1,085 | 313 | 3,885 | *.. | 109 |
| 949 | * | 1.138 | ,2,069 | 171 | 1.098 | 585 | 68 | 1,949 | 811 | 4,007 | * | 44 |
| 89 |  | 1,138 | 8,088 | 74 | 8,198 | 517 | 77 | 1,353 | 134 | 4,249 | 1 | 116 |
| 1,095 |  | 1.698 | 9,718 | 195 | 8,781 | 697 | 90 | 1,017 | 184 | 4,004 | 16 | 148 |
| 1,098 |  | 1.688 | 8.718 | 950 | 1.016 | 691 | 108 | 1,130 | 128 | 4,938 | 15 | 198 |
| 1055 | 485 | 1,188 | 2.718 | 407 | 2,748 | 642 | 180 | 928 | 69 | 5,008 | 14 | 956 |
| 1,055 | 685 | , 1,147 | 2,683 | 819 | 2,864. | 677 | 99 | 768 | 68 | 4,585 | 8 | 85 |
| 1,057 | 109 | 1.333 | 9,684 | 389 | 2,443 | 645 | 114 | 1,087 | 107 | 4,785 | 11 | 161 |
| - |  | . | ** | 689 | 8954 | $10 \cdot 44$ | 185 | $16 \%$ | 178 | 78.64 | 0118 | 861 |

contintued


APPENDIX C.
Statement showing the villages in which the princopal weekly bazars are leld in the A kola taluka of the Ahmednagar Collectorate.


APPENDIX D.
Detail of population according to occupation by percentages in the Akola Taluka (as per the Imporial Census of 1911).


APPENDIX E
Detail of population according to religion' and eduoation in the A kola Taluka."


APPENCDX
Statement showing the Agricultural stoçk in Goverhment Villages in the Akola Táluka of Ahmedgagar Distruct.


## APPENDIX $\dot{F}^{1}$

Statement shouing the Agricultural stock of the 4 Inam villages in the Alola Tallha of the Nagar Collectorate durng the year 1909-10


Statement showing shops, industries, ete, in the 157 villages of the Akola Taluka, Akmednagar District.


APPENDIX H.
Statement of schools together with their averagdattendance for Akola Taluka, Ahmednagar Distract.

,The upper lime of figuree what of the previaus Settiouent

## APPENDIX J.

Slatoment shawing Wells, Budlis, Tanks and vinur sowrces of soatomsupply in tis 153 Government Fsllages of the Akala Taluka of thà Ahmednagar Oolloctorate for the year 1912-13.

| $\begin{aligned} & \text { Number } \\ & \text { of of } \\ & \text { Fillugea. } \end{aligned}$ | Taluns, |  |  |  |  |  |  |  |  | Tarie. |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | $\underset{\text { Brigetionn }}{\text { Bor }}$ |  |  | ling haman ut nat ation. | For cattue and washing and other purposes bat not for drinking supply of haman bengs. |  | In disuso. |  |  |  | For driniding strpply of human beings molely. |  |
|  |  | Pakkn | Eacha, | Pakka. | Sachs | Pakks. | Kacha | Fallom in or repair. $\qquad$ | Other candeas | PakEa. | Emacha. | Fakka, | Kacha. |
| 1 | 2 | $s$ | 4 | 5 | , 6 | 7 | 8 | - | 10 | 11 | 12 | 18 | 11 |
| 158 | Akola ${ }^{\text {a }}$... | 761 | 221 | 184 | 108 | 6 | $\theta$ | 149 | 49 | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ |




## APPENDIX J.

Statement showing Wells, Budkis, Tanks and other sources of water-supply in alienated villages of the Akola Táluka of the Ahmednagar Collectorate for the year 1912-13.

| $\left.\begin{gathered} \text { Nombor } \\ \text { rillaggar } \end{gathered} \right\rvert\,$ | Talubat |  |  |  |  |  |  |  |  | ${ }_{\text {nsmas }}$ |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Forirrigation. |  |  |  |  |  | In dixaman |  |  |  |  |  |
|  |  | Pakke. | Eacha. | Pakka. | Keshan | Pakks | Kacha, |  | Othor | Pakka. | Easha. | Pakk | Execha |
| 1 | 8 | 8 | , | 6 | - | 7 | - | - | 10 | 11 | 12 | ${ }^{18}$ | 14 |
| , | Akols -- | ${ }^{25}$ | $\pm$ | ${ }^{18}$ | 9 | $\cdots$ | "' | $\pm$ | " | … | $\cdots$ | $\cdots$ | * |



Abstract.
District;

## APPENDIX K.

Statement showing the selling value of dry-crop lande in the villages of the Ahola Táluka, Ahmedmagar District.


AEPENDIX K-continwed.



APPENDIX K-concluded.


## APPENDIX K'.

Statement showing the selling valwe of rice ant patasthal land in Government Villages of the. Akola Talkka, خhemednagar District.


APPENDIX K1-conlinued.



[^3]APPENDIX M.
Statement showing leases of dry crop latads in the Akola Taluka


APPENDIX M-continued.


APPENDIX MM.
Statement shoving leases of garden and rice land in the Akola Talwha of the Ahmednagar Colleetorater.

$G=$ Garden land.

AFPENDIX N.
Statement showing the prices prevant in Akola, Sinnar and Igatpuri Tálukas.


## APPENDIXOO.

Changea in occupied area for 50 Govervment villdes of the Akola Tâluka of Akmednagar Dostrict, into which the Revision Settlement has introduced in the goar 1886-87.

| Yerr, | Oceupied Govarn ment land pay ing 4SQubsment. |  |  |  | Laug tho revenure of yhioh13oanated netiroly orpartialls. |  |  | Total Iand Govern ment occupled Intin. |  | Remarka |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Aman | Assasat <br> mest. | Ares. | $\pm$ Ampant. | Area, | $\underset{\substack{\text { mall } \\ \text { menemb } \\ \text { ment. }}}{ }$ | Qull rent. | Arua. |  |  |
| 1 | 2 | 8 | 4 | 5 | 6 | $\geqslant$ | 8 | 8 | 10 | 11 |
|  | Acrees. | R4. | Aoram. | 8 s | $\triangle$ arae | Rs. | Ram | Acres. | Rn. |  |
|  | 98,950 | 8,760 | 2,568 | 7 | 4, 51 | 8,40 | 1,191 | 70,848 | 88,008 |  |
| 887\%88 | 73,000 | 48,854 | 2.078 | 56 | 46 | 8,498 | 1,173 | m,074 | 68,077 |  |
| $1658 \cdot 69$ | 78,188 | 48.808 | 1,805 | 960 | 4.64 | 8,440 | 1,190 | 78,010 | 69,771 |  |
| 1880-90 | 78,140 | 48,968 | 1,008 | 804 | 4. ${ }^{\text {a }}$ | 3,440 | 1,073 | 78,961 | 68,099 |  |
| 189001 | 73,618 | 40,034 | 568 | 195 | 4, ${ }^{1}$ | 3,440 | 1,400 | 78,678 | 68,1089 | . |
| 891-99 | 78,344 | 68,057 | 78 | 184 | 4,5 | 8,400 | 2,999 | 78,572 | 68,881 |  |
| 992-p9 | 78,380 | 40,062 | 688 | 179 | 4.6 | 8,40 | 1,398 | 79,562 | 52808 |  |
| 15989.04 | 73,856 | 40,063. | 458 | 131 | 4.0 | s.40 | 1401 | 78,381 | - 83,084 |  |
| 180-4.45 | 73,938 | \$0,043 | 454 | 137 | 4, 12 | 8,400 | 1,402 | 78,506 | 88,009 |  |
| 183009 | 73,848 | 40,018 | $4{ }^{4}$ | 148 | 410 | 8,400 | 1,402 | 78,385 | 82, 818 |  |
| 1800-87 | 23,958 | 40,052 | 862 | 121 | 40 | 8,410 | 1,401 | 28,188 | 52,683 |  |
| 3897.09 | 75,48 | 40,035 | 967 | 181 | 410 | 3,440 | 1,101 | 78,319 | 52,580 |  |
| 1880.88 | 7,348 | 40,026 | 83 | 181 | 410 | 3,400 | 1,401 | 78,219 | 58,685 |  |
| 899-1900 | 78,938 | 00,002 | 357 | 125 | 118 | 8,489 | 1401 | 28,205 | 62,368 |  |
| $1800-02$ | 96,8\%9 | 48,982 | 83 | ${ }^{115}$ | 495 | 3,403 | 1,408 | chaul | 68,678 |  |
| $1801-99$ | 78,592 | 4,801 | 857 | 191 | 178 | 8,421 | 1,852 | 78,500 | - 62.818 |  |
| 1092-93 | 76,628 | 40,888 | 885 | 116 | \$36 | 8,448 | 1,888 | 81,490 | 58.880 |  |
| 1005-94 | 78,275 | 88,735 | 356 | 131 | d15 | 8,419 | 1,863 | 78, 40 | 50,205 |  |
| 109705 | 79,888 | 48,509 | 318 | 131 | 613 | 8,417 | 1,885 | 72,091 | 62,299 |  |
| 2005-00 | 78,281 | 40,705 | ${ }^{14}$ | 111 |  | 3,417 | 1,889 | 78,081 | 58,238 |  |
| 1000.07 | 7,246 | 8,881 | 317 | 113 | \$18 | 8,417 | 1,882 | 78,076 | 82,212 |  |
| $1977-08$ | 70,239 | 48,890 | 385 | 111 | ¢bs | 8,415 | 1,885 | 76,118 | 62,316 |  |
| $1908 / 10$ | \%\%,209 | 48,688 | 818 | 108 | 415 | 2,418 | 1,379 | 78,036 | 83,214 |  |
| 900 20 | 73,43 | 48,693 | 247 | 102 | 48 | 4201 | 1,187 | 77,098 | ${ }^{62}, 008$ |  |
| 1810.11 | 80,889 | 00,001 | 410 | 107 | ssor | -4,189 | 1,740 | 98.840 | 86,201 |  |
| 1011-42 | 78,286 | 48,679 | 838 | 185 | 4, 0 | 3,47 | 1,869 | 77,888 | 68,272 |  |
| 0121819 | 7,254 | 48,857 | 338 | 12 | 4,481 | 3,409 | 1,100 | 78,006 | 63,180 |  |
| 191824 | 78,270 | 40, 181 | sep | ${ }^{138}$ | 4115 | 8,581 | 1,888 | 78,007 | 83,063 |  |
|  |  |  |  |  |  |  |  |  |  |  |

APPENDIX $0^{2}$.
Changes in ocoupied area for 1 Government village (Rumbhodi) of the Akola Tilwka of Ahmednagar District, into which the Revision Setilement was introduced in the gear 1887-88.

| rear. |  |  |  |  |  |  |  |  |  | Remarba |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Ars2 | ${ }^{\text {A seenema }}$ | ares. |  | a ${ }^{\text {ama }}$ |  | ${ }_{\text {cost }}^{\text {cost }}$ | ${ }^{\text {area. }}$ | $\begin{gathered} \text { sememe. } \\ \text { sement. } \\ \text { fanull. } \end{gathered}$ |  |
| 1 | 2 | 8 | - |  | ${ }^{6}$ | 7 | 8 | - | 10 | 11 |
|  | atree | Re. | Acrem | 8. | aor | R. | 8, | Acreen | Re. |  |
| ${ }^{1888888}$ | 1,729 | 2.788 | 8 | 5 | 3 | 102 | ${ }^{3}$ | 1,835 | 1,889 |  |
| 188850 | 1.173 |  | 8 | * | ${ }_{8} 8$ | 101 | 28. | 1,924 | 2,8se |  |
| 188500 | 1,728 | 1,763 | $\cdot 8$ | 4 | 3 | 101 | ${ }^{29}$ | 5,894 | 1,658 |  |
| 188099 | 1.723 | 1,763 | 8 | 4 | ${ }^{3}$ | 102 | ${ }^{3}$ | 2,3e24 | 1,868 |  |
| 18978 | 1,729 | 1,765 | 8 | 4 | ${ }^{3}$ | 101 | ${ }^{28}$ | 1,80\% | 1,858 |  |
| 1888.29. | 1,789 | 1,763 | 8 | 4 | \% | 101 | 3 | L.824 | 1,859 |  |
| 1888004 | 1,728 | 1,768 | a | 1 | ${ }^{9}$ | 201 | ${ }_{28}$ | 1,924 | 2,888 |  |
| 188485 | 1,783 | 1,756 | $s$ | 1 | 3 | 101 | ${ }^{26}$ | 1.834 | 1,958 | * |
| 188588 | 1,791 | 1,783 | $s$ | 1 | ${ }^{93}$ | 108 | ${ }^{3}$ | ,817 | 2,856 |  |
| 188867 | 1,729 | 1,783 | 3 | 1 | ${ }^{9}$ | 101 | ${ }^{38}$ | 1,812 | 1,885 |  |
| ${ }^{1587768}$ | 1,121 | 1,753 | s | 1 | 3 | 101 | ${ }^{98}$ | 1,812 | 2,865 |  |
| 189889 | 1,7at | 1,768 | 8 | 1 | ${ }^{93}$ | 101 | 25 | 1,882 | 1,866 |  |
| 2509.1000 | 1,721 | 1,76s | \% | 1 | 98 | 101 | ${ }^{26}$ | , ,al7 | 1,985 |  |
| 1800.01 | 1,791 | 1,463 | 8 | 1 | ${ }^{193}$ | 101 | ${ }^{29}$ | 2, 217 | 1,865 |  |
| 201.02 | 1,971 | 1,668 | $\dot{8}$ | 1 | ${ }_{3}$ | 101 | ${ }^{23}$ | 1,017 | 1,8ss |  |
| 12085 | 1,717 | 2,780 | 8 | 1 | 98 | ${ }^{201}$ | 28 | 1,813 | 1, 1,8 |  |
| 210394 | 1,828 | 1,000 | 8 | 1 | 日3 | ${ }_{85}$ | 21 | 3,712 | 1,780 |  |
| 190406 | 1,208 | 2,640 | s | $\checkmark$ | 日s | ${ }^{85}$ | 21 | 1,118 | 1,768 |  |
| 190808 | 1,887 | 1,611 | , | - 1 | ${ }^{63}$ | ${ }^{95}$ | 21 | 1,78 | 1727 |  |
| ${ }^{2909875}$ | 1,027 | 1,89 | * | 1 | \% | ${ }^{6}$ | ${ }^{3}$ | 1,719 | 1,727 |  |
| 1007.08 | 1,083 | 1,841 | $s$ | 1 | 8 | ${ }^{6}$ | ${ }^{2}$ | 1,73 | 1,797 |  |
| 1008-90 | 3,897 | 1,641 | $\pm$ | 1 | $3^{3}$ | ${ }^{8}$ | 21 | 1,788 | 1,727 |  |
| 12009.10 | 1,831 | 1.49 | 8 | 1 | ${ }^{3}$ | a | 24 | 1,187 | 1,735 |  |
| $1810-11$ | 2,881 | Lata | 8 | 1 | ${ }^{38}$ | * | 2 | 1,77 | 1,785 |  |
| 1024.18 | 1,ss1 | 1.850 | 3 | 1 | 3 | ${ }^{86}$ | 9 | 1,717 | ${ }^{12385}$ |  |
| 20813 | 1,941 | 2,886 | 8 |  | 89 | ${ }^{85}$ | $\stackrel{1}{1}$ | 1,227 | 1,761 |  |
| ${ }^{2813.14}$ | 2,042 | 1,068 | $\stackrel{3}{ }$ | : | \% | ${ }^{86}$ | ${ }^{21}$ | 1,27 | 1,781 |  |

Changes in occupied area for 102 Government villages of the Akola Taluka of Almednngar Dustrict, snio which the Revision Settlament was antrodwced in the year 1889-89.

| Yeat. | Oempiex Governtiont land paynuf foll assesment. |  | Urocentipied Rescreed cuititable Government land. |  | Land the ravenne of which tis sicenatad entirely or partiails. |  |  | Tocs land Gove mmint ncetepiod, moocurised and notur. |  | . Romariza |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Arcos. | Ameas. ment. | Arcas. | Astresp | Aras, | Fall anary tont | Qult rent. | Arsa. | ABrege mont (fult). |  |
| I | 8 | 3 | 4 | 6 | 6 | 7 | 8 | 9 | 10 | 11 |
|  | Acres. | Re, | Aotes | Re. | Acreb. | fe. | Bs. | Aeras. | Re. |  |
| 1888-98 | 130,882 | 44,642 | 6,836 | - 1,221 | 7,697 | 8.809 | 1,380 | 106,154 | 48,764 |  |
| 168980 | 137,479 | 34, $\mathbf{4 7}$ | 4,451 | 973 | 7888 | 2,899 | 1,384 | 149,647 | 40,712 |  |
| 1880.911 | 132,776 | 45,088 | 3,898 | 618 | 7,687 | 2,698 | 1,803 | 243,528 | 48,678 |  |
| 1801.98 | 132,777 | 45,088 | 2,863 | 850 | 7,004 | t991 | 1,874 | 169,201 | 68,650 | , |
| 189888 | 138,820 | 46,043 | 2,759 | 683 | 7,690 | 2,090 | 2,689 | 143,309 | 10,092 |  |
| 1823-94 | 138,854 | 45,069 | 2.761 | $6{ }^{6}$ | 7,620 | \%,080 | 1,680 | 148,225 | 4,904 |  |
| 1894.05 | 338,057 | 45,058 | 2,734 | 002 | 7,610 | 2,089 | 1,6\% | 143, 807 | 48,708 |  |
| 1805-98 | 139,878 | 45,098 | 2,067 | 616 | 7,618 | 2,988 | 1,879 | 143,183 | 48,090 |  |
| 188697 | 139, 818 | 45,101 | 2,482 | b78 | 7,718 | 2,987 | 1,679 | 143,069 | 69,030 |  |
| 1887-93 | 182,004 | 45,070 | 2.407 | 585 | 7,616 | 2,967 | 3,679 | 143087 | 43,62 |  |
| 189889 | 189,912 | 45,075 | 2,304 | 581 | 7.616 | 2,987 | 1,679 | 142,029 | $49,6 \times 5$ |  |
| 1S88-1700 | 132,900 | \$5,00s | 8,408 | 889 | 7.616 | . 2,987 | 1,878 | 142,019 | 48,236 |  |
| 1900-0] | 189,391 | 44,070 | 2,428 | 590 | \%,487 | 2,658 | 1,673 | 189,614 | d7,018 |  |
| 1901-02 | 182,008 | 45,004 | 2,409 | 58 | 7,816 | 2,007 | 1 \%18 | 143,031 | 48,888 |  |
| 1932-58 | 189,625 | 44,076 | 2,430 | 501 | 7,907 | 2,968 | 1,673 | 230,020 | 47,834 |  |
| 1903-04 | 193004 | 45,688 | 2,404 | 684 | 7,615 | 2,997 | 1,658 | 248,089 | 98,637 |  |
| 3504-15 | 132,983 | 45,095 | 2,400 | 893 | 7,619 | 2,004 | 2,674 | 142,877 | 18.002 |  |
| 120500 | 194,888 | 45,097 | 2,401 | 689 | 7,613 | 8,004 | 1,677 | 148,888 | 49,6et |  |
| 1800607 | 133,806 | 45,038 | 2,875 | 584 | 7,017 | 2,088 | 1,473 | 148,856 | \$3,007 |  |
| $1907-08$ | 188,009 | \$6,061 | 2.875 | 501 | 7,503 | 2,087 | 1,675 | 140,860 | 48,009 |  |
| 1006-69 | 189,442 | 45,162 | 1,8097 | 4;4 | 7,017 | 2,904 | 1,800 | 144,062 | 43,510 |  |
| $1009-10$ | 138,776 | 45,321 | 1,689 | 398 | 7,075 | 2,189 | 1,873 | 148,099 | 17,818 |  |
| 1910-11 | 120,383 | 33,000 | 1,580 | 888 | 8,830 | 2,289 | 1,820 | 182,803 | 85,037 |  |
| 1911.19 | 288010 | 45,201 | 1,3CB | 385 | 7,741 | 2,964 | 1,677 | 148,172 | 49,840 |  |
| 191218 | 138,508 | 45,214 | 1,507 |  | 7,857 | 2,880 | 1,809 | 142,080 | 45,82] |  |
| 1918-14 | 180,388 | 43,750 | 1,54. | 404 | 7,587 | 2,008 | 1,884 | 140,010 | 47,080 |  |

APPENDIX $0^{8}$.
Collections of asseasment on Govornment and inám lands for 50 Deshi villages of the Akula Tákzka in whrch the Settlement was nniroikeed in 1886-87.

| Year. | Year' 6xed lend revenue. | Colleetions. |  | Collection of past year's arrears. | Remissiods. |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | 2 | ${ }^{3}$ | 4 | - 5 | 6 |
|  | Rs. | Rs. | Rs. | Rs, as. p. | Rs |
| 1886-87 | 49,927 | 45,902 | 4,025 | $05 \cdot 1$ | ... |
| 1887-88 | 50,057 | 45,985 | 4,072 | 023 | ... |
| 18888-89 | 50,468 | 49,102 | 1,368 | ...... | ... |
| 1889-90 | 50,243 | 48,975 | 1,268 | ...... | ... |
| 1890-91 | 50,486 | 49,883 | 603 | -.. | ... |
| 1891.92 | 50,729 | 50,161 | 568. | $10 \quad 00$ | ... |
| 1892-93 | 50,463 | 50,457 | 6 | .. | $\cdots$ |
| 1893-94 | 50,456 | 50,456 | ... | 800 | ... |
| 18904-95 | 50,435 | 5q,435 | ... | ...... | ... |
| 1895.86 | 50,441 | 50,441 | $\cdots$ | ..... | ... |
| 1836-97 | 50,470 | 41,580 | 8,890 | ...... | ... |
| 1897-98 | 50,429 | 47,665 | 2,764 | ..... | ...* |
| 1898.99 | 50,426 | 49,824 | 602 | 6,718, 000 | ... |
| 1839-1900 | 50,402 | 31,952 | 18,450 | $580 \quad 0$ | 200 |
| 1900-01 | 50,402 | 23,432 | 26,970 | 14,658 00 | $\ldots$ |
| 1901-02 | 50,183 | 27,856 | 22,327 | 3,219 00 | ... |
| 1902-03 | 50,278 | 44,332 | 5,946 | 8,294000 | ...* |
| 1903-04 | 50,107 | 45,502 | 4,605 | 5,22500 | $\because$ |
| 1904-05 | 50,086 | 16,293 | 33,793 | 82300 | 6,172 |
| 1905-06 | 50,086 | 28,179 | 21,907 | 4,770 | 676 |
| 1908-07 | 60,062 | 46,046 | 4,016 | 4,979 0 0 | 712 |
| 1907-08 | 50,085 | 35,404 | 14,881 | $8870{ }^{*}$ | 94 |
| 1908-09 | 50,073 | 47,511 | 2,562 | 23,672 00 | 407 |
| 1909-10 | 50,076 | 48,803 | 1,273 | 11,567 00 | 503 |
| 1910-11 | 50,082 | 49,778 | 304 | 3,946 00 | 54 |
| 1911-12 | 50,061 | 31,517 | 18,544 | 1,574. 00 | 303 |
| 1912-13 | 50,051 | 47,957 | 2,094 | 17,749 0 | 1,957 |
| 1913-14 | 50,048 | 60,085 | 8 | 46600 | ... |

APPENDIX 0s.


APPENDIX $0^{\circ}$.


Effect of Revirion Setthement Proposaic on Governemi

Q.



Q-contsnued.



Q-oontinued.

APPENDIX

--continued.


APTERDI.





-concluded.


Statement showing the proposed increases in parcentages and is annas per rupse of existing asaesaments in Akola Talmka.

| Proposed group. <br> 1 |  | Number of villages. <br> 8 | Current dry crop rate. <br> 8 | 'Proposed dry crop rate. |  | Incrabse per <br> contion <br> 5 | Increase patrupean |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | 4 |  |  | 6 |  |  |
|  |  |  |  | Rs. ar. p. | Rs. | a. |  | Re. | a. |
| 1 | ** | 26 | '24000 | 8 | 0 | $33 \cdot 3$ | 0 | 5 |
| II | ** | 4 | 1.240 | 2 | 12 | 22.2 | 0 | 31 |
| 11 | ** | 6 | 200 | 2 | 12 | 87.5 | 0 | 6 |
| III | $\cdots$ | 6 | 1140 | 2 | 6 | $26 \cdot 6$ | 0 | 4 |
| III | - | 2 | ${ }^{1} 100$ | 2 | 6 | $46 \cdot 1$ | 0 | 71 |
| IV | ** | 4 | 1100 | 2 | 0 | 23.0 | 0 | 4 |
| IV | ..* | 13 | $1 \geqslant 0$ | 2 | 0 | 83.3 | 0 | 5 |
| IV | ** | 4 | 150 | 2 | 0 | 45.4 | 0 | 7 |
| IV | $\cdots$ | 2 | 140 | 2 | 0 | 800 | 0 | 912 |
| V | ... | 16 | 18 | 1 | 12 | 27.2 | 0 | $4 \frac{1}{1}$ |
| V | ** | 4 | 14 | 1 | 12 | 40.0 | 0 | 812 |
| V | ** | 1 | 120 |  | 12 | 65.5 | 0 . | 9 |
| VI | ** | - 1 | 180 | 1 | 8 | 9.0 | 0 | 13 |
| VI | *..* | 2 | 14 | 1 | 8 | 20.0 | 0 | 31 |
| VI | ** | 36 | 120 | 1 | 8 | $33 \cdot 8$ | 0 | 6 |
| VI | *** | 8 | 130 | 1 | 8 | 50.0 | 0 | 8 |
| VII | ** | 18 | $1) 0$ | 1 | 5 | \% 31.2 | 0 | 5 |

Statement showing the proposed increases in percentages and in annas per rupeo of existing assesaments is. Indm onllages in $\langle k o l a$ Taluka.


> Eelow Settlement Report on Akola Táluka No. S-390 dated 18/191h May 1916, from the Assistant Settlement Officer, Western Tailukas, Ahmednagar, to the Collector of Ahmednagar.

$$
\text { No. Lnd.-65 of } 1916 .
$$

Ahmednagar, 19th May 1916.
Forwarded with compliments to the Commissioner, Central Division, Poona.
2. Mr. Hey has submitted sensible report after careful examination of the Táluka and I generally agree with most of his proposals which have been discussed with me as inquiries proceeded. I have been specially interested in the reolamation of Akola nala lands, in and out of forest for the last three years, and having travelled over most of the Táluka myself, I can endorse Mr. Hey's description of the various tracts of which the Taluka is composed.
3. I submit the following criticisms and supplementary remarks on the earlier paragraphs of Mr. Hey's report :-

Paraqraph 8.-The Kotul rainfall figures are, I think, misleading. The climate is generally regarded as somi-daggs with a markedly higher rainfall than Akola, as the surrounding tree growth shows olearly. It lies in a circle of hills which must catoh a considerable proportion of the monsoon olouds, and even if the actual rain has been correctly measured, the soil receives an ample water supply from the numerous streams that feed the Mula all through the hot weather.

Paragraph 11-Mr. Eey omits to mention the specially valuable tobacco grown in Chitalvede and the adjoining villages.

Paragraph 14. TI agree that the Thákur stapds out pre-eminently as a hard-worker and a specially competent constructor of táls, but all Akola cultivators are forced to protect their fields from erosion, and field embankments as well as the tals on terracea lands are kept perforoe in far better order and more liberally provided than in the plain Tálukas of the District.)

Paragraph 16.-During the last famine many cattle passed into the hands of Akola cultivators and were saved. Subsequently there were repeated epidemics of cattle disease, rinderpest ehiefly, and numbers were again reducel. Inoculation has never been popular. There is a distinctive type of Akola cattle and the black and white bullooks commonly seen are generally in good condition.

Paragraph 21.-The question of the Sawargaon and Gardani páts is practically settled. The Publio Works Department authorities have agreed to their remoral from the list of and olass irrigation works and they will now be classed as ordinary bandháras like the others on the Ardala river, to be kept in repair by the villagers. The pátasthal revenue will henceforth be oredited to the Revenue Department.

Paragraph 22.-The portion of the road from Brahmanwada to Otur which lies in the Poona District has been gravely neglected by the Poona authorities, since it was handed over to them for maintenance after construction by the Nagar Executive Engineer. The road should be ultimately provincialized, but meanwhile to avoid very heavy special repairs later, the Poona District Looal Board may be asked to execute ordinary repairs and prevent further damage.

Paragraph 24.-The Rajur-Samsherpur road is being improved. That from Akola is in great need of special repairs and I am seelng what can be done. The Keli-Kotur traok was made by the people themselves under the influence or that rara acisa, a strong pátil, and was at one time passable even for
carts. I bave tried to enoourage where possible the idea of village responsibility for their tracks, but many villages keep no carts and the smallest goat track seems to satisfy them.

Paragraph 35.-I do not think there are very strong arguments for a removal of the 33 per cent. limit on tribuka enhancements, but undoubledly there are the most cogent reasons against the arbitrary limit on gro:p enhancements. Our task is to fix a fair enhancement on the Tálukg as a whole, and then distribute it over the varous groups ins equitably as possible. Every Settlement Officer with experience must be able to testify eloquently to the totally necessary difionlties imposed in practice by the application of the same restriction to a small group of villages Groups may have to be rearranged owing to changes in communications and markers and possibly to redress mistakes as regards climate made at a former Settlement. Such restrictions invariably result in inequatitie and losse of legitimate revenue or in the perfetuation of unsuitable grouping.
4. Though statistios of sales and leases are insufficient to settle definitely the poeition of any individual rillage or possibly even groups of villages, without detaited local knowledge of the tract, thare can be no hesitation in accepting the ample evidence now oftered of the general prosperity of the Táluka. It is beypud diepute that in Akola gemerally the rainfall is more certain than in any other part of the district, exoept perhaps the Bala Ghat tract of Jamkhed, and in view of the general rise in prices set forth by Mr. Hey, the State is fully entitled to take the fall increment allowed. This Mr. Hey and I have tried to dix from the ontset, but leaving out of the question for the moment the case of rice, it has not been easy to distribute the increase over the various groups.- Rearrangement of the groups was unavoidable. There have been iuprovements of dommunioation and the former. settlement of the Táluka by two main divisions led to complications and errors. Mr. Hey's scheme is a marked improzement./ The variations of climate are considerable, as may be expeeted in a káluka whioh inoludes all gradations of rainfall from the chat edge with its $20{ }^{\prime \prime}$, odd to the plains of Sangamner which get less rain than the rest of the Nagar distrift. After a oareful examination of the crops grown and varying degrees of co hmunications available I do not think further simplification is possible,

I accept Mr. Hey's groups 1-3. The Adala valley is extremely lucky, but their prosperity is largely due to their expollent patasthal lands which arp separately dealt with.

I would transfer Kelungan'and Kohprai to group V and raise Jamble and Badgi to group IV. In the first two villiges the amount of: bajri grown is insignificant and in every respect they must be classed with the adjoining village of Malegaon. Jamble and Badyi thave been differentiated from Belapur on the score of communications, not of climate. I have personally examined this point and find that the short junction between the Brahmanwada-Otur road and these two villages afforda a better link with Brahmanwada than Pelapur possesses. Thes can easily beap the 12 anna or 60 per cent. riso. Subject to the above, I accept Mr. Hey*s/group IV.

Group V, modified as above, mayifalso be accepted. The inclusion of Sangvi is undoubtedly sound and I personally pointed this out to Mr. Hey after a four through the Adala valley last year.

## Groups VI and VII may be acceptsd.

5. The new rules for the treatment of new rice will probably lead to further intractions of the rules for increases by groups, possibly for individual villages, but until all rice lands are measured the exact increase oannot be ascertained. It is too late this season to complete measurement, but I submit that the consideration of these proposals need not be further delayed on that account. In publishing the enhanceinent proposed, 1 have stated that all new rice will now be assessed at the maximum jirayat rate of the groap. If Goverament agree that in these special circumstancas the usaat limitations of enlancement do uot apply to excesses caused by the application of the orders
contained in Government Resolution, Revenue Department, No. 3805 of 6th April 1916, it will only be negessary to complete measurement and work out the assessments of rice fields before announcing the rates, and this can be done early next fair season before the date of the lst instalment. Orders on the proposals need not be delayed. I have specially studied rice lands in the ourrent season and I can assure Government that the rough assessment now applicable is very light in all oases and will still leave cultivators with an encouraging return for the labour they have expended in some cases in creating these fields by terracing nálas and the like. The bulk of the new rice consists of extensions of old rice and in some cases that I have seen the new rice is oven superior to the old and has taken far less labour to oreate. That is not of course true on the average. Generally the easiest land with the best water supply was first converted, but much of the excess area over that originally measured is as good as the latter, and has been gradually formed with very little further tál construction. In some cases an original tál system has facilitated, by retardation of the flow higher up a nála, the conversion of lower land with actually superior rice by the expenditure of comparatively little labour. Lastly the old rice has been extremely moderately assessed, The explanation of this may be that given in paragraph 13 of Mr . T. H. Stewart's No. 342, dated 22nd February 1586 (Selections CLXXXIV), but as assessments now stand, some of the best rice fields are assessed at under Rs. 2 an acre and the subsequent improvement, owing to the acoumulation of silt since they were last classed, is patent to any observer. Thus it may safely be aryued that in the case of extensions of old rice, the new rice is often as good as the old is.now and far more valuable than the old was at the time of classification, judging from the assessments imposed.
6. In this Taluka the 'principal kinds of rice grown are Kalbhat, Chimansal, Jiresal; Raybhog and on the Igatpuri side Kapod. The above are sll specially valuable crops and argue good water supply. Where the supply is less abundant we find Verangal, while Tamb, Kudai, Tak and Dhaval require no impounded water to stand in. The latter are grown on-slopes without embankments of any kind and are not valuable crops at all. They are consumed locally and not sold like most of the better class rice. Land which grows Dharal, ete., only cannot be classed as rice land at all. It has no advantages over any other mál land. Dhaval, Tambkud and Tak are sown like dry orops and not transplanted from a rabed nursery. Verangal is transplanted like the better classes of rice, but is less valuable, requires less water, and is a sure indication of the comparatively poor position of any land where it is found. Testing the existing assessments by this means, they are all admittedly very low indeed and reflect the existing values of fields very unevenly. The assessments to be imposed on new rice under the last orders do not of course pretend to be anything but very rough, but it is at least unfortunate that, in this Táluka at any rate, they naturally decrease with the maximum jiráyat rates for the diferent groups in proportion as the rainfall gets heavier; and the deiter rices are commonly.grown. Thus any new rice in the first group will probably be Verangal and will be assessed at Rs. 3 ac acre, while the Ghatghar-Udhavane Kamod or Chimansal will get ott with a Re. 1-8 rate. After making all allowances for the diticulties of marketing in the lower groups, the inequality remains. I do not think that any remedy aan be applied, if reclassification is to be avoided. When the rice lands are measured after the monsoon, lands which have grown dhaival only with water which has not been impounded skould not be classed as rice of course, and lands which occasionally grow rice and occasionally wheat or other more valuable crops should be assessed as rice to the maximum jiriyat rates allowed. The latter have all the adpantages of position and make use of the water advantage they possess in the most profitable way that the season allows.
7. It is worth noting briefly the methods employed generally to make rice and other terraced fields in this Táluka. The Thákar's methods are mustly empirical, but be presumably has a good idea of country and can judge fairly well the possibility of damming up the average disoharge down any nala. He then builds a low substantial dam of rook and earth at the lowest point with a

[^4]waste weir or sand at one ead, if possible, where there is a little rook to resish erosion. This is gradually raised year by year as silt colleots, and in addition smaller tals are added above the main tall to check the low in the main nala and in the various branch contributory nálas. Rooks, with whioh to build these tals, are all found locally in profusion, and the sides of the nala are skinned to provide earth and incidentally widen the terrace to be ultimately formed. Specially heavy rainfall often breaches a tál, and a serious washout may occur. The damage can however be quickly repaired and silting again commences rapidly. Maintenanoe is on the whole oheaper than that of a well and cultivation less costly than in the case of bagayat. Less enterprise is also involved sinee there is a certainty of water before operations are commenced.
8. There remains the case of first revision návkird. I submit that there is now no reason to perpetuate the old classification of this third elass of rice. All chads, jentries, etc., may go by the board and all rice, except the old rice, may now be assessed at maximum jiráyat rates. There will be no further classification, and a fortiori this older rioe should be assessed at the same rates as new rice. It will now be necessary then to measure all rice next Ootober, deduct the arem of old rice (nowhere demarcated), and the balance will be assessed at the maximum jiráyat rates of the group.
9. To sum up then I submit that all Akola rice is very lightly taxed and both revision návkird and new rice may be assessed at maximum jiráyat ratas, the increase not being taken into account for the purpose of the limitations imposed by the old orders of 1874. Orders as regards the proposals may issue in advance of the receipt of the final rice figures, which will be submitted later. The figures will be available before the sanotioned rates are announoed and before the date of the lst instalment.
10. For old rice lands I think Mr. Hey has overlooked the low classifioation accorded. Eight may sound a very adequate maximum rate, but assuredly the average assessments of Rs. 2 and even 1-8 round Kotul are ridiculously lipht. A Ris assessment is rare, and can easily bear a considerable enhancoment in the case of better fields. It must also be remembered that, with the new assessment of new rice lands, the latter will be more highly assessed than many old rice lands. I have seen several suoh cases. In some villages it is practically impossible to avoid this in every case. Thus in Pimpalgaon Nakvinda the loweat assessment per acre for old rice is 11 annas, and there are 50 survoy numbers and pôt numbers aggregating 14 acres 29 guathas, which under Mr. Hey's proposal for a Rs. $8-8$ rate will still be assessed at under Rs. 2 an arere, the proposed raaximum jiráyat rate. It is not possible to raise our maxima rates for old rice to anything like the figures ( 2.1 in this case) which would obviate this anomaly, but I cannot on full consideration acoept Mr. Hey's view that a small rise on old rice is sufficient. The situation is also completely changed by the orders assessing new rice at maximum jiráyat rates. I also see no paramount necessity in keeping to the new jiravat grouping for rice rates, and would prefer to raise the existing rates for old rice throughout the Taluka by 5 annas in the rupee, with a monimum, in all cases of the maximum jiráyat rate as in the case of all new rice. I am confident this will impose no unreasonable burden in any case. In every case the depth of soil on theve old rise fields must have increased very considerably and the old soil classifications are presumably very inadequate to cover existing circumstances. In every disoussion that I have had with villagers and officials, there has never been any complaint against the proposal to assess new rice per saltum at the maximum jirayat rate and to raise the assessment on old rice considerably.
11. Mr. Hry's pátasthal proposals are generally' acoeptable. The Adala system is markedly superior to any other patasthal in the district. The bandbáras are well constructed and constantly being improved. There is no quarrelling amony sharers and no call for Government interference or control. The increases proposed are moderate throughout.
12. I accept Mr. Hey's proposal for inám villages, as separately submitted, except so far as rioe is concerned. Both old and new lice in thes
villages should be treated in the same way as I have suggested for Government villages. The villages were comparatively recently settled (in 1.905 and 1910) and there may be very little new rice, but this cannot be seen till we measure. I have inspected all bári rice lands carefully and can testify to the lightness of the sssessment. There has doubtless been less improvement of soil by silting in this, short period and the classification is "nearer to the existing facts, but the assessment can easily bear the five anna increase proposed.
13. There is force in Mr. Hey's argument that the guarantee for this Taluka should expire with that for the adjoining Taluka of Sangamner and I support his proposal that the rates be guaranteed till 1935-1936. Further increases of rice are certain and the proposed branch railway to Sangamner may affect prices in the course of the next twenty years.
(Signed) P. J. MEAD,
Collector of Ahmednagar.

## Through

The Settlement Commissioner and Director of Land Records.

## From

'R. D. BELL, Esquire, M.A., B.So., I.O.S., Ag. Settlement Commissioner and Director of Land Reoords; IT

The COMMISSIONER, Central Division.

Poona, 30th May 1916.
Sir,
I have the honour to forward a report by Mr. N. H. Hey containing proposals for the second revision settlement of the Akola Táluka. The Colleotor's oriticisms and remarks accompany the report.
2. The general features and conditions of the táluka are fully desoribed by Mr. Hey. The soils are nowhere of a high olass, At the first revision survey and settlement the Superintendent pointed out that, in the Desh, black soil does not cover large areas, and where found is seldom deep or of the best quality. The rainfall is heavy on the Gháts but diminishes rapidly towards the East. The record for Chas, 17 inches annually over 11 years, is very surprising and comparable only with returns from the arid tracts of the Eastern Decoan. The Colleotor, Mr. Mead, also questions the correctness of the recorded average fall, 20.79 inches, at Kotul. An addition of $1 \frac{1}{2}$ inches may be made to these figures on account of the rainfall from 1st January to 5th June, but even after this is done the averages appear too small. In the Poona District it has been observed that records of rainfall maintained by the Public Works Department usually give smaller returns than might be expected from the records maintained by the Director of Agriculture and this result appears to be repeated in the Akole Táluka.
3. Cultivation is described by Mr. Hey in his paragraph 12. In the Desh 16 per cent. of the occupied ares is fallow and of the remaining oropped area three-fifths are covered with bajuri. Mr. Hey's figures for the Dánge leave 13 per cent. of the occapied area ungccounted for. Such a large area in this part of the táluks cannot be covered with miscellaneous crops and it seems clear from a comparison of his statement with column 24 of Appendix $B$ that he has omitted to consider the coarse grains other than nágli which, at the first revision settlement, covered 9 per cent. of the ocoupied ares (Government Seleetion No. CCXVI, page 5, paragraph 19). In the Dángs 4) per cent. of the occupied area is fallow and the oropped area is accounted for by coarse grains (much the ntpst important), khorasni, rice and bajri. The general standard of sultivation is low.
4. Mr. Hey's explanation of the increase in the fallow area requires* qualification. For the three years preceding 1891-92, in which year I presume Oircla Inspectors were appointed in the Akola Taluka as elsewhere, the fallow area averaged 47,000 acres. It was returned at 58,000 acres in 1891-92 and gradually increased to 59,500 in 1895-96. Since then it has varied from 61,000 to 94,000 acres in accordance with the season. The average for the last ifve years is 65,500 acres. Improved registration is certainly the chief cause of the recorded increase.
5. There has been a large inorease in population during the current settlements. This is probably not unconneeted with notable improvements in communications during the last thirty years; the táluka bas been oponed up in all directions. As a consequence live and dead stock have greatly increased. Irrigation wells have also increased in number, and the average irrisated area during the five years ending 1913-14 was 1,919 aores (Appendix B , column 12) as compared with 3,500 acres for the firet five years of the settlements. It is curious, however, that the area classified and assessed as garden is $2,7: 0$ acres $\rightarrow$ Appendix $Q$; column 13. (According to the first revision settlement reports it should be 2,522 acres). Irrigated cultivation cannot be described as important.

* 6. Prices have risen considerably during the settlement, but I certainly hesitate to work out the rise to two places of decimals, as Mr. Hey does, and
estimate it at 63.93 per cent. The initial and final periods compared are very short, only five years each.

For the first three years of the initial period prices were not recorded by the Agricultural Department. In the last three years of the final period prices were exceptionally high and it is unsafe to prophesy what is going to happen after the Grett War. As a oheck on Mr. Hey's estimate I give the following figures for bajui, by far the most important erop in the talluka:-

> For first seven years of price record mainkained by 18 seers 4 chinatakg. Agricaltural Department, $1888-89$ to $1894-9$.
> For seven years, 1905 to 1911 . (This exeludes two 14 seers 3 chbataks,
> years of very low prices and the late yeare of very high prices).

Peroentage increase in price-27 per cent.
On these figures it would seem too high an estimate to say, even in approximate terms, that bájri had increased by as much as 40 per cent. during the current settlements.
7. The selling and letting value of land is very good and the increase in the selling value has undoubtedly been considerable. As Mr. Mead says, these values are ample evidence of the general prosperity of the táluka. The arrangement of sales and leases by existing groups, instead of by proposed groups, in Appendices $K$ and $M$ would have been an improvement.
8. The important matter of revenue history hasibeen very' slightly dealt with. Mr. Hey refers in general terms to remissions and suspensions, but he nowhere summarises the figures or endeavours to show the distribution of the remitted revenue over the different groups. Appendix $\mathrm{O}^{3}$ (in three parts) shows that from 1886-87 to 1895-96 the taluka had a clean revenue history. The balances remaining unoollected during the first six years of the settlements were all on account of settlement concessions, though this is not shown in one of the statements. For the eighteen years, 1896-97 to 1913-14, the total demand was Rs. 17,75,412 and the total collections Rs. 15,56,782. The difference is Rs. 2,18,630. As it appears from Mr. Hey's remarks and Appendix $O^{3}$ that all arrears had been cleared off by 1913-14, it is clear that this uncollected difference has been finslly remitted. It amounts to $2 \cdot 2$ times one year's revenue demand. This is a figure of considerable significance. It may be compared with the remissions over the same period in three talukas of the Poona District recently reported on.

| Taluka. |  |  | Eemssions.out of the demand of 1896-97 to 3918-14. |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Purandbar | * | ... |  | 15 |  |
| Haveli | ... | ... | ... | $1 \cdot 1$ | times one |
| Jondar |  | .-. | *- | 0.9 |  |

These figures indicate that the rainfall is, for the nature of the oultivation, not so assured, nor the present assosmments so extremely light as is suggested by the general tenour of the report and the Collector's remarks.

The distribution of the remissions is shown in the following table:--


[^5]Collections were much better after the introduction of the suspension and remissipn rules in 1904-05 than before it. The final remissions in the Dángs have been twioe as heavy as in the Deshi villages, The remissions in the Dange are equal to $3 \cdot 1$ times one year's demand. In the Junpar Dáags, over the same period, the remissions were only 0.2 times one year's demand.
9. Mr. Hey's proposals have, as their basis, rery extensive alterations in the grouping. The current settlements were really effected at one time. The fifty Deahi villages were reported on in advance of the Dángi villages ohiefly to prevent loss of revenue (Government Selection No. CLXXXIV, page 55). But all the villages were dealt with by the same Superintendent, and the existing grouping may fairly be described as the result of a single uniform settlement. Although there are five Deshi and seven Dángi groups there are, if we consider merely dry-orop rates, only nine groups altogether in the táluka, and Mr. Hey's treatment of these is summarised below :-


The figures in oolumn 3 of Appendix $Q$ bave been given according to Deshi and Dángi grouping, but this is not olearly shown, and the result is a little confusing. In the subsequent discussion I shall refer to the old groups by the numbers given above but show the dry-crop rates at the same time to avoid misunderstanding.
10. When a taluka has been completely overhauled at one settlement by one of the experienced Superintendente of the old Survey Department modifications of the grouping should be allowed only, for clear and oogent reasons. In Akola Táluka general conditions have been greatly modified by the great improvement in communications during the last thirty years, but I think that Mr. Hey has been inclined to exaggerate the local effect of the new roads. The prime factor in grouping a táluka like Akola must be olimate and rainfall. A new road should not be considered as benefitting only the villages which it traverses; it usually opens ont a whole tract. It is open to doubt in some cases whether the new roads have benefitted the villages in their immediate vicinity so much more than the villages at a little distance from them as to justify changes in the grouping. Kotal appears to be an instance of this. Mr, Hoy proposes to asyess it at a rate which is from $18 \frac{8}{4}$ to 58 per cent. in excess of the rates proposed for villages on its borders, mainly on account of its position as a market town at the centre of a road system. Now towns of the size of Akola, Rájur and Kotul are already assessed elightly above the level of
the ordinary villages of the groups to which they belong. This is effected by the method of applying the distance from village seale. It is very doubtful whether in addition to this distinotion Kotul should bear a rate $18 \frac{3}{4}$ per cent. above that proposed for villages adjoining it like Dhamangaon, Pimpalgaon and Bolewari.
11. In the Poona Dángs, in Junnar, Khed and Mával Tálukas, the lines of climatic division run roughly north and south while communioations run roughly from west to east. The settlement groups also run north and south and are almost unmodified by communications; that is to say, a village on an inaccessible hill top is generaily grouped with the villages which have the same general olimate, even although many of these may be on good roads. The only modification of this is found along the important Bombay-Poona Road. In similar circumstances the higher rating of the Dangi group through which runs the important Akola-Ghoti Road"is sound, but the importance of the feeder roads seems to have been exaggerated for villages close to them and depreciated for villages some distance off. I suggest for consideration whether the opening up of the táluka justifies the numerous changes in the grouping proposed by Mr. Hey.

I have but a slight aoquaintance with the southern parts of the taluka and propose not to criticise the grouping in detail. The táluka and the adjacent talukas of the Poona District are known to Government and if the suggestion just put forth is considered valid, there is no need of detailed remarks, which in any case I am ill-qualified to offer.
12. On the general question of the new rates, I beg strongly to urge that Mr . Hey is asking too much. The total increase proposed is 29.63 per cent. In recent revision settlements this rate of increase is exceeded only in the exceptipnal case of the Ráver and Yával Tálukas in East Khándesh and in the Yeola Táluka of the Násik District. The average rate of increase in Mr. Garrett's re-settlements in the Násik Distriot was rather less than 25 per cent. In Belgaum District increases ranged from 16 to 26 per cent. Before a 30 per cent. increase can be sanotioned in this "backward and rather out of the way táluka ", as Mr. Hey correctly desoribes it, some very special features must be made olear. The improvement in communications is obvious, but, on the whole, the táluka seems to have taken no more than its fair share in the general progress of the country.
13. Increases cannot be dissociated from rates, and Mr. Hey's rates are open to considerable criticism. For Group I he proposes a maximum dry-crop rate of Rs. 3. This is a rate which is exceeded in recent revision settlements, outside the cotton-growing tracts, only in four villages around Násik City two in Nándgaon Táluka, and in the Haveli Taluka. It cannot be contended, that Group I-Akols Taluka-is comparable with the neighbourhood of Násik and Poona Cities. I venture to make a special comparison with Junnar Táluka, as this is now under the consideration of Government. The two talukas were settled about the same time and the general lines of soil olassification and valuation for all kinds of land were the same. Group I in both talukas is at present assessed at Rs. 2-4-0. Group I-Junnar-appears to be superior to Group I-Akola-in all respects. The average assessment per acre of dry-orop soil in Mr. Hey's new Group I is Re. 0-13-9 under a phoposed maximum rate of Rs, 3 ; in proposed Group I-Junnar-it is Rs. 1-4-4 under a proposed maximum rate of only Rs. 2-13-0. When the disparity between the assessment of poor and good soil in Junnar Taluka is recollected, this is an important point. Then irrigation is very much more important in Junnar than Akola, and the effect of irrigated cultivation in increasing the general level of prosperity is well known.

| , |  | Junar-Group 1. |  | Akols-Groap I . |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Ares. | Avarsge assessment peraers. | Area. | Average $\mathrm{p}_{\mathrm{w}} \mathrm{r}$ | acras | ment |
|  |  | Acres. | $\begin{array}{lll}\text { Re. } & \text { a. } & \text { p } \\ 1 & 4 & 4\end{array}$ | Acres. 33,959 | Re. a. p. |  |  |
| Dry-crop $\quad .$. |  | 6,3537,664 |  |  |  | 13 |  |
| Motasthal | *** |  | $\begin{array}{rrrr}1 & 4 & 4 \\ 2 & 13 & 0\end{array}$ | 651 |  | 6 | 11 |
| Pat-Motasthal Pátasthal | ...*a* | $\left.\begin{array}{l}441 \\ 645\end{array}\right\}$ | 856 | 820 | 3 |  |  |
|  |  |  |  | 820 | 3 |  |  |

Government must be aware that valuable crops like wheat and gram are more common in Junnar than Akola. For the whole of Junnar Taluks wheat and gram nocupy 12.2 per cent. (one-eighth) of the gross oropped area; in the Akola Desh the percentage, calculated from Mr. Hey's table in paragraph 12, is 6.9 .
-Finally the price of the important staple, bajri, at Akola for the yeara 1905-11 was $14 \frac{9}{\text { re }}$ seers per rupee, while at Junnar it was $13 \frac{1}{4}$ seers, or 7 per cent. more.

If Government sanotion an inorease of 4 annas in the rupee, as has been proposed, for Junnar Group I, it is difficult to juistify a higher increase for Akola Group 1. The difference of 50 per cent. between the rates in adjoining villages in Sangamner and Akola Talukas is very striking and I doubt whether Mr. Hey's explanation satisfact orily accounts for the whole of it.
14. The lowest group in Akola is at present rated at Re. 1. It consists of - a tract along the Gháts, west of Harisohandra, and a hill tract, east of that mountain. These two areas have their counterparts in Junnar Túluka, also rated at Re. 1. For all these villages in the Junnar Táluka I proposed a new rate of Rs. 1-4-0, but the Collector thought Rs, 1-2-0 sufficient. Mr. Hey proposes a rate of Rs. 1-5-0 for 26 of the Akola villages and a rate as high as Rs. 1.8-0 for eight of them. I venture to think that a 25 per cent. inorease, as I proposed for Junnar is sufficient. Mr. Hatch thought that Rs, 1-2-0 would be sufficient in Junnar as many villages contained little assessed rice. The assessed rice area in Mr. Hey's lowest group is only $5 \frac{1}{2}$ per cent. of the total area whereas it is $6 \frac{1}{2}$ per cent. in the lowest Junnar Group. Of course in both tálukas much rice land has been formed out of dry-crop, but the figures of assessed rioe area indioate that Mr. Hey's lowest group in Akola is probably not superior as regards extent of rice cultivation to the lowest group in Junnar. As bearing on what I have written about Mr. Hey attaching undue weight in his grouping to close proximity to a road, it may be noted that he raises Ghatghar, Uddauna and Panjra in the grouping, beoause of the new road running through them. The villages at the Lead of the Nana and Malsej Gbáts in Junnar Taluka are not similarly dealt with although their oommunications are similar. My suggestion is that the present lowest group in Akola Táluka should not be altered in constitation and that the rate should be Rs. 1-1-0.
15. Mr. Hey's idea seems to have been to get as near the 33 per cent. limit as practicable in each group, and it is perhaps donbtful whether his pro. posals for re-grouping have not been influenced by this consideration. Both on a comparison of the increases recently levied or proposed elsewhere, and on a comparison of actual rates, especially those in the more progresvive and probably more prosperous táluka of Junnar, I think that something about 25 per cent. instead of 33 per cent. should have been the inorease aimed at. This would give rates somewhat as follows:-


The new rates are suggested on the assumption that Mr. Hey's grouping or something like it may be acoepted.
16. I regret that I am also in disagreement with Mr. Hey in the matter of rice rates. It seems to be a safe deduction from Appendices $K^{1}$ and $M^{1}$ that rive *land-I mean fully assessed "old" rice land-is more profitable than dry-orop land, even after allowance is made for the higher rates of assessment. The oonditions in the Poona District are exactly the same, and in the Mával

Taluka of that district the statistics for "old" rice, which have been carefully separated from those of lst revision "new" rice, put the higher profits of these lands beyond doubt. It might be urged and it has been a criticism on my own proposals that, in these circumstances, the rice rates should be given a higher rate of increase than the dry-crop lands. I have preferred not to alter the balance between dry-crop and rice lands, and the rates of increase on both kinds of assessment are about the same. That is a proceeding open to critism, but less so than that of Mr. Hey who alters the balance in the wrong direction by giving the more profitable rice lands a lower rate of increase than the less profitable dry-crop lands. The Collector logically proposes an all-over increase in the rice rates of 5 annas in the rupee or $31 \frac{1}{4}$ per ceat. as compared with Mr. Hey's total increase of 15 per cent. The Collector's proposal does not in itself appear to transgress the 33 per cent. rule in any group, and I admit that if the increases for the dry-crop rates are approved by Government then the Collector's proposal for increasing "old" rice rates by 5 annas in the rupee should also lie adnpted-subject perhaps to some modification as indicated below. But Mr. Hey practically admits that be bas token so large an increase on the dry-crop assessments that a similar increase in old rice rates "would be unsafe. The argument that "old" rice is already heavily assessed as compared with dry-crop is misleading. Everything indicates that Government take a less percentage of the landlord's rent, which may be taken as a measure of net profits, from "old" rice lands than from dry-orop lands. The argument about the difference between "old" and "new" rice rates is even less valid. "New" rice rates were deliberately approximated to the dry-crop rates as a matter of policy. The poliey may be wrong; if it is abandoned the proper procedure would be to revise the "new" rice rates. It is quite wrong to get behind the policy and bring "new" rice and "old" rice rates closer together by pushing up the dry-crop rates and letting the " old" rice off ligntly.
17. My suggestion here is that the "old" rice rates should be advanced by about the same percentage as the dry-orop rates. My own idea is 25 per cent. for both. The difference between the Collector and myself in this matter is one of amount.
18. There is a suggestion in Mr. Hey's report that the "old" rice rates might be adranced in each village by the same percentage as the dry-crop rates. I do not think that this is sound and it brings me to another difficulty connected with regrouping. Nominally there are at present 3 rice rates in the táluka, viz., Rs. 8, Rs. 7 and Rs. 6. The Rs. 8 rate prevails in the first five groups (dry-crop rates from Rs. 2.4 down to Rs. 1-8), but there is a separate jantri for each dryorop group, while the jantri for a Deshi village is not quite the same as the jantri for a Dángi village with the same maximum dry-crop rate. In the three groups with maximum dry-crop rates of Rs. 1-6, Rs. 1-4 and Rs. 1-2 the rice rate is Rs. 7; there is one jantri for the Rs. 1.6 groap and one jantri for the two other groups. In the lowest dry-crop group the rice rate is R. 6. In case of misimpressions I may explain that the differences between the jantris are not usually important; they arise mainly from the fact that the rates under the lowest water class are made equal to the pure dry-crop rates. For instance there are two jantris under the Rs. 7 scale but they differ only for the lowest water classes. Thus for 6th class water (mere rainfall) rice rates in the dry-crop Rs. 1-6 group are higher for all soils than in the dry-crop Rs. 1-4 and Rs, 1-2 © oups. But for 4th class water the two jantris are the same and, judging from the average rice rates, the water classes below the 4 th are probably not very important.
19. At present all rice in a group of villages with the same maximum dry-orop rate is assessed at precisely the same rates (omitting from consideration the difterence between Deshi and Dángi jantris); and it may be said that within the jantri limits the rice rates are at present uniform in Groups I to V , in Groups VI to VIII and in Group IX. Now while dry-orop rates in present Group IX (maximum dry-crop rate Re .1 ) are to the dry-crop rates in present Group Vlll (maximum dry-orop rate P. 1-2) as 16 to 18 the same proportion does not hold for the rice assensment. The dry-crop assessments in Group VI (maximum dry-orop rate Re. 1-6) are 371 per cent., in Group VII ㅍ 380-21
(maximum dry-orop rate Re. 1-4) are 25 per cent., and in Group VIII (maximum dry-crop rate Kis, 1-2) $12 \frac{1}{2}$ per cent. above those in Group IX (maxi mum dryorop rate Re. 1), but the rice assessment of say a 16 -annas goil in the 4 th water class in each of Groups VI, VII and VIII is only 163 per cent. above the corresponding rice assessment in Group IX ; for other water classes the figure is different. It would not do therefore if a village is raised from Group IX to Group VIII say, to give the rice assessment the same rate of increase as the dry. crop assessments.
20. It is a defect of Mr. Hey's proposals that there will not be a uniform rice rate in each of his new dry-crop gromps. Take for instance his new Group IV rated at Rs. 2. It is made up of villages from 4 Dángi and l' Deshi group and there will be virtually five different rice jantris in the group, viz., 3 with a nominal maximum rate of Rs. 8 increased by 1 anna in the rupee and 2 with a nominal maximum rate of Rs. 7 increased by $3 \frac{1}{3}$ annas in the rupee. The results are somewhat confusing. For instanoe rice rates in 5 villages are now equal in the lower water classes; under Mr. Hey's proposal they will advauce $6 \frac{1}{4}$ per cent. in 2 villages and $21 \frac{7}{8}$ per cent. in the other three.

In his second last group Mr. Hey deliberately retains two entirely different rice rates-quite apart from jantris.
21. I do not urge that there is any grave objection to having one or more different rice jantris in the same new dry-crop group provided these jantris were, originally all under the same maximum rice rate. But it is very desirable to avoid the transfer of villages from what I may call one rice group to another. Mach confusion would be saved at the next re-settlement if the following alterations in grouping proposed by Mr. Hey were disallowed :-

In new Group IV, pro- $\left\{\begin{array}{l}\text { 1. Bori, } 2 \text { Padalne, } 3 \text { Kelungan and } 4 \text { Kohondi, now rated at } \\ \text { Rs. } 1 / 6 \text {, }\end{array}\right.$ posed maximum rate Rs. 2.
$\left\{\begin{array}{l}\text { Rs. 1/6, } \\ \text { 2. Pisevadi and Bholevadi-now rated at Rs. 1/4. }\end{array}\right.$
In new Group VIII, pro- \{ The eight villages promoted from the lowent group now rated


Mr. Mead is, on different grounds, opposed to the promotion of Kelangan and Kohondi to Group IV. But the reduction of the other villages in the grouping seheme may not be approved by Government. I recognise that there are difficulties.
22. It has been pointed nut in an appendix to the settlement report on the Haveli Táluka that maximum rice rates under the Southern Marátha Country Survey Rules are, in Dángi country, purely nomiral and that the attainment of the maximum rates is impossible. The first,two water classes are never used at all, and the jantris for Akola have been left blank for one or both of them. Ihe rice rates are much more uniform than appear on paper except where the watar advantages are not good. This is sound enough because, where the amount and regularity of the water-supply depends mainly on artificial arrangements, considerations of olimate become of less importance. My proposal is that all old rice rates should be increased uniformly-either by 4 annas in the rupee (my proposal) or by 5 annas in the rupee (the Collector's proposal). This, despite jantri differences, will keep the assessments more or less on a basis which will not coufuse the officer entrusted with the next Revision Settlement. The only exception should be in the case of villages raised from one rice group to another. If Govenment approve of Mr. Hey's Group IV then the old rice in Bori, Padalne, Kelungan, Kohondi, Piseradi and bhalevadi should be re-assessed under the jantri used in the Dangi Group rated now at Rs. 1-8-the jantri (or the assesements caloulated from it) being increased, of course, by the same number of annas in the rupee as the present rice assessment in the Dángi Group now rated at ha 1-8. Similarly if the promotion of villages from the lowest group (dry-crap rate Re, 1) to the next group is allowed, the rice assessments should be re-caloulated under the Ra 7 jantrı used in the Dangi villages withea dry-crop rate of Rs. 1-2, the jantri., (or the assessments calculated from it) being increased again on the same scale as the rice rates in this second lowest Dángi Group.
23. Mr. Hey proposes to leave rice rates unaltered in Jambla and Karundi (Appendix Q, Nos. 85 and 86). These two villages (dry-crop rate Rs. 1-4) were settled with the Deshi villages and so cape under a maximum rice rate of Rs. 8 but with a jantri of their own. In the effective water classes it is lower than the 8 rupees rice jantris used in Dangi villages and is nearer the 7 rupees Dangi jantris. As the area of rice: in these two villages is only 23 acres it is immaterial whether the nominally higher maximum rate is respected and the assessments left unchanged, or whether, in accordanoe with the actual scale used in calculating the assessments, they are treated uniformly with the rest of the taluka.
24. There appear to be 56 village (not 53 as shown by Mr. Hey) in which he proposes to raise the rice rate from Rs. 7 to Rus. 8.
25. I do not understand Mr. Hey's criticisms of Mr. Fletcher's patasthal rates. It is true that if Rs. 8 is taken as the maximam rate for a Class 1 pát (water-supply perennial) there may be a difference of opinion as to whether the maximum rate for a Class II pat should be Rs, 7 or Rs. 6-12, and so on for the other classes. The idea in assessing patasthal in several dry-crop groups at one uniform rate is that, with a pat, considerations of climate may be neglected. A 16 -annas field with a perennial water-supply in an arid tract, say, is just as valuable as the same combination of soil and water, in a tract with a better climato. For certain purposes we divide the assessment into soil share and water share, so that in one group a combined assessment, of eight rupees may be shown as soil Re. 1, water Rs. 7, and in another group as soil Rs. 2, water Re. 6. The plan is doubtless not free from criticism but unless and until we revise the basis of our patasthal assessments I submit that it should be adhered to as closely as practicable. It would be a relevank criticiom to suggest that Mr. Fletcher's jantris for the lower water olasses were too high, and it would have been enturely vald to point out that the páto which Mr. Fletcher classed as flowing till 1st February, say, never flowed beyond 15th December. If the páts on the Ardala can be increased 4 annas in the rupee on soil and water rates combined I soe no reason why pats of lower olass should not be treated in the same way so long as these lower class páts flow normally to the date shown for them in the survey papers. It is not suggested that they do not do so.

There are 6 villages with patasthal in the Ardala valley-one in Mr. Hey's ${ }^{3}$ Group II and five in his Group IlI. His proposals for a 25 per cent. increase apparently relate only to Deothan, Savargaon, Samsherpur and Tahakari (Nos. 37 to 40 in Appendix Q).

There is no difficulty in keeping the patasthal assessments on the present basis. Suppose a survey number in a village has at present a pátasthal assessment of Rs. 4, biz., soil 1-8-0 and water Rs. 2-8, and suppose pátasthal assessments are raised by 4 annas in the rupee, while the dry-crop rates in this village are raised 6 annas in the rupee. The new combined assessment will be Ks. 5 and the soil share will be raised from Rs. 1-8-0 to Rs. 2-1, so that the new water slare will be Rs. 5 minus Rus. 2-1 $=$ Rs. 2-15. Here we inorease the combined assessment and the soil assessment and .make a subtraction to get the nater assassment. Under- Mr. Hey's proposals we shall increase the soil assessment and the water assossment and add them, but there will be no common standard by which either the new water assessment or the new combined assessment can be measured and the result will not be helpful at the next revision. To avoid confusion in the future we must endeavour with the pitasthal rates, as with the rice rates, to keep the assessments on a uniform basis. Otherwise we shall return to the great variety of rates which it was the object of many first revision settlements to abolish. 'Financially there is not in the long run a great deal of difference between Mr. Hey's proposals and mine. Owing to the large increases he proposes on the soil rates his net increase on the present combined rates will be nearly 22 per cunt. instead of $\alpha 5$ per cent. under my proposal.
26. My suggestions may be summarised-
(1) The allerations in grouping are too drastio. Government may see fit to reduce them.
(2) The dry-crop rates should approximate to 25 per cent. Increase.
(3) The increase in the rice rates should be uniform and should be on the same soale as the general standard acoepted for the increase in the dry-erop rates. Villages raised from the present Rs. 6 rice group to the present hs. 7 rice group should have their assessments re-oaloulated according to the jantri (suitably increased) used in the main group to which they are promoted; and similarly for villages promoted from the present Rs. 8 rice group to the present Rs. 9 rice group.
(4) The increase for pátasthal should be 25 per cent. in all cases on the combined assessment.
27. It is perhaps an extreme view to suggest that the grouping might remain unaltered and that all assessments should be raised 25 per cent., but if this were done I venture to believe that the anomalies would not be so many as in Mr. Hey's scheme of grouping coupled with his treatment of the "old" rice and pátasthal rates.
28. There remain the Collector's proposals-
(1) To assess all second revision new rice exactly at the maximum dry-crop rate of the group in which it is situated;
(2) to do the same with the first revision new rice;
(3) to raise the minimum rate for "old" riee to the maximum.drycrop rate of the group;
(4) to abandon the rules which limit increases in the assessment.

As regards (1), it was pointed out in forwarding my own roport on Junnar that the orders in G. R. No. 3805 of 6.4.1G, if interpreted literally, were at variance with all provious practice. It is unnecessary to take up the matter again.

As regards (2), it should be pointed out that in Akola the 1st revision now rice was neper assessed above the maximum dry-crop rate. Chads were given for water advantages but the soil bhág annas plus the chad were never allowed to exceed 16 annas. Thus no chad conld be given to a $16-8 n n a$ soil; and a 14 anna soil, although the water class chad might be 5 annas, could be raised only two annas.

Mr. Hey states that the jantris applied to the Ist revision new riee were higher than the jiráyat jantris, but I have personally compared the jantris and find the differences negligible and apparentily only due to a difference in the method of disposing of odd half annas. The Collector propases that all the chads and jantris should now go by the board. On Mr. Hey's proposed grouping and rates the result would be an increase of 61 per cent. in the total assessment of "new" rice lands. In the case of the poorest lands the assessment would be doubled and trebled.

The condemnation of the last proposal is contained in the Collector's third proposal. This proposal is that the assessments on even the poorest" old" rice soils shonld be raised to the maximum dry-crop rate. He gives one instance where the assessment will be trebled, and he admits that it is not possible to treble the assessments of the best rice lands in the same way. The eonclusion is that, in his view, the inferior "old" rice lands are grossly under-assessed as compared nith the best "old" rice lands. This is a proposition of which there is no independent proof and of which, recollecting the well known tendency in the Survey Department towards over assessment of the poorer lands and under assessment of the best lands, there is not likely to be any.
29. The Collector refers to the low classification of the "old ".rice lands, and compares the average assessments with the maximum rate. But there is no independent proof of low classification. As has been pointed out elsewhere Rs. 8 is the rate for a combination of soil and water capable of growing sugarcane. I feel tolerably certain that in the Dangi Groups there is practically no rice. with a water-supply better than Class 3 for which the maximum rate is Rs. $4-4$, and there is probably very little rice with even a Class 3 water-supply. References to the rice rate as Rs. 8 are extremely misleading.

Rice lands in Akola do not appear to be really of a high olass. So long ago as 1848, Mr. Fraser Tytler marked them as inferior to those of Igatpuri, and rated them a little above Díndori rices lands. Mr. Garrett hàs confirmed Mr. Fraser . Tytler's comparison between Igatpuri and Dindori rice. Mr. Fletcher at the 1st Revision Settlement said of the- Akola rice lands that the soil "is not often good and is seldom of never found with "a really", good supply of water." The opinion of such an experienced officer cannot be overlooked. Judging by assessments they appear however to be' considerab y better than Jundar rice lands; the avenge assessment per acre of old rice in A kola is at present Rs. 2-1-8, in Junnar Rs. 1-6-7:*
30. The Collector's fourth proposal is to break through the 33 per "cent and linked rúles. The adoption of these rules is a matter of policy and it seems unnecessary to discuss it here. The 33 per cent. rule does lead toloss of revenue - but it may be said, paradoxically, that this is its object.
31. For similar reasons I consider that the new settlement should be for 30 years and that the usual concessions should be given in villages where assessments are increased more than 25 per cent.

* 32. In Junnar it was found that the inferior soils were over-assessed as compared with the good and medium soils. A similar disparity has perhaps not bcen observed in Akola, because there is little really good black soil: A readjustment of the valuation scale, which is the same as in Junnar, is therefore not so necessary even if there were absolute certainty about the standard of soil classification The matter however suggests moderation in fixing, the maximum dry-crop rates. . .

33. The final settlement of the inam villages will naturally follow Government orders on the Government villages.

## Your most obedient servant,

R. D. BELL.

No. Genl.-746 of 1916.
From

> C. N. SEDDON, Esquire, I. C. S $s$, Acting Commissioner, C. D.

To

> THE CHIEF SECRETARY To GOVERNMENT, Revenue Department.

Poonx, 9th June 1916.
Sir,
I have the hono:r to submit Mr. N. H. Hey's report on the second revision of the Akola Taluka, together with a forwarding endorsement by the Collector of Ahmednagar and $\boldsymbol{a}$ letter from Mr. Bell, the acting Settlement Commissioner.
2. First revision proposals were made by Mr. W. M. Fleteher in 1886 and 1887: Mr. Fletoher sent up the Deshi and Dángi portions in separate reports; but, as the whole táluka was dealt with by the same officer at about the same time, it must be considered to have received homogeneous treatment. The Deshi villages were arranged in five groups, at rates varying from Rs. 2-4 to Re. 1-t; and the Dangi villages in seven from Re. 1-14 to Re. 1. Thus there were in all nine groups with the following maximum rates for dry-crop lands :-Rs. 2-4, Rs. 2, Re. 1-14, Re. 1-12, Re. 1-10, Re. 1-8, Rè. 1-6, Re. 1-4, Ro. 1-2 and Re. 1. This is a very considerable number of groups with very little, difference in the rates of any one group and the group next to it.
= $380-22$

Mr. Hey now proposes seven groups with ihe following maximum rates:-Rs. 3, Re 2-12, Rs. 2-6; Rs; 2, Re. 1-12, Re. 1-8, Re. 1-5. This inoreases the dry-crop assessment by 30.96 per cent., and the percentage incresses per new. groups are $33 \frac{1}{3}, 37 \frac{1}{2}, 26 \frac{2}{3}, 23 \frac{1}{13}, 40,33 \frac{1}{3}$, and $31 \frac{1}{4}$ respectively. I confine myself for the present to the dry-crop lands. The questions for consideration are, whether the new grouping should be accepted, and whether the increases proposed are fair. Perhaps I may remark before attempting to answer these questions that the olassification scale used in Akola was- the Joint Report scale with a tenth class added. This is the soale that Mr. Bell wants to alter in Junnar. There is no proposal to alter it in Akola, and no allegation that the lower quality soils have been dealt with in any specially improper manner.
3. As Mr. Bell with justice observes, "when a taluka has been eompletely overhsuled at one settlement by one of the experienced Superintendents of the old Survey Department, modifications of the grouping should be allowed only for clear and cogent reasons'". Lam inclined to think that such an officer as Mr. Fletcher was about as likely to be right as Mr. Hey-particularly seeing that he knew a great deal more about the aotual effect of his classification operations and had the power of manipulating results to some extent to suit local requirements by means of the distance scale. MIF. Fleteher's grouping was unchallenged at the time. It will be observed that he grouped mainly according to relative accessibility, taking into consideration however as an adverse factor the excessive moisture of certain tracts. Mr. Bell says that " the prime factor in grouping a taluka like Akola must be climate and rainfall'P. This is a very surprising statement. In talukas suoh as Purandhar and Haveli we must admit that climate is the chief consideration. That means to say that we expect high rates where the rainfall is heavy and consistent and low ones where it is light and precarious. But the whole of the Akola Taluka is usually secure from scarcity, and if we are to group according to climate it is in exaetly the opposite way-the heavier the rainfall the lower the rates. But - in fact the grouping is not based on any climatic consideration, but on aocessibility. Climate is one of the factors which determine whether a village is dangi or deshi, but it does little more than draw a broad distinotion-whioh the old Survey Department recognized so well-between these two different tracts. Once fairly inside the dangi area it matters little whether the rainfall is one hundred or two handred inches, and our grouping depends on accessibility alone. This aceessibility does not merely mean that it costs less to get produce to market. It means that there is competition for the land on the part of people who can spend capital on improving it, and have the skill and the means to oultivate it properly. If one could take a field from the Akold dangs and put it down near Karwar-with an equal rainfall-its value would go upten fold because there would be men eager to buy it, or hire it, or cultivate it with skill and attention. I believe Mr. Bell is quite right in pointing out that a new road does not so much benefit the villages through which it actually passes ; its most important effect is to help in opening out the whole adjoining tract.
4. In these circumstances it appears to me a question whether any case is made out for alterations in the present grouping. Mr. Mead indeed oonsiders Mr. Hey's scheme "a marked improvement". But I remain unconvinced. I should eay that there are no serious anomalies in the present grouping; that it was arranged by an experienced officer and approved by all the officials of the time ánd by Government ; that no one is complaining about it now ; that it is probably more satisfactory to have an even increase of 25 per cent. or 30 per cent. all round than to call. on certain villages for nearly 60 per cent; that unforeseen complications arise from any ehange owing to former distance scale manipulations and in dealing with rice lands. In a word Mr. Fletcher's grouping strikes me as a good, sound, sensible, arrangement that has stood the test of time; and there can be no harm done if it is left alone.
5. If Government àgree in this view it remains for' them' to determine the all round percentage of increass. Mr. Bell says that Junnar is at least as
good as Akola and it is to be given an increase of 25 per cent. ; that the average for the Nasik Talukas was under 25 per aent. ; that in Belgaum it was* from 16. to 26 per cent.; that a maximum rate of Rs. 3 for the first Akola group is too high relative to what has been sanetioned and proposed elsewhere. 'These arguments are undoubtedly of considerable strength. On the whole I think moderation is indicated in this "backward and rather out of the way taluka", and I should like to recommend four annas in the rupee. If, however, Government think the changes in grouping proposed by Mr. Hey are worth making I think the new rates suggested by Mr. Bell in his paragraph $15^{\circ}$ might be accepted.
6. With regard to patasthal, if the suggestion I make above is accepted, we ought, I think, to apply to all patasthal lands the approted increase for the soil assessment and whatever Government think proper for the water assess-ment.- Mr. Hey suggests this, and 'asks for 4 annas for the Ardala river patasthal and 2 annas for the rest on the water assessment. Perhaps this may . be accepted. I do not agree with Mr. Bell as regards this patasthal assessment. He says:-"The idea in assessing patasthal in several dry-crop groups at one uniform rate is that with a pat consideration of climate may be neglected. A 16 anna field with a perenntal water supply in an arid tract, say, is just as waluable as the same combination of soil and water in a tract with better climate". I think this argument is quite wrong. In the first place patasthal land produce is affected by climate; for all patasthal land iṣ not alroays irrigated. Again, there is not much difference in crimate in this particular case, and the "value of the produce depends on markets, etc., just as much as in the case of dry-crop lands. In other words the soil assessment should take the group increase and the water should be dealt with separately, just as we do in the case of lands irrigated from a canal. It may be added that the old Superintendents personally fixed the rate on each pat, and in doing so they took into consideration all possible factors. In other words there is, as Mr. Hey has noticed, a grouping of patasthal land, though it is concealed. I may add that if toy filan is followed and for any reason the water assessments are struck off, the proper soil assessments are left.
7. The next matter is that of the rice lands-old, new, and newer, as we have called them in other reports. Mr. Hey deals with the rice lands so briefly that I do'not feel sure how far he has really grasped the methods of classifi-
${ }^{*}$ cation, and assessment actually used. However perhaps it does not much matter.
8. Old rice.-The rates at present in foroe are:-Rs. 8 for all deshi groups-the dry-crop rates of which are Rs. 2-4, Rs. 2, Rer. 1-14, Re. 1.8 and Re. 1-4 and for the 3 first dangi groups-at Re. 1-14, Re. I-10, and Re. T-8. - Rs. 7 for dangi villages of the 4th,'5th, and 6th groups at Re. 1-6, Re. 1-4, and Re. 1-2. Rs. 6 for the last dangi group at Re. 1. There were but 40 acres of old rice in the deshi villages ; so that we really only have to consider the dangi villages. Mr. Hey pronoses to raise the rates in the villages-which he has now $=$ mixed up- to the following:-Rs. 9 for the first three groups, Rs. 8-8 for the

- fourth, Rs. 8 for the fifth and most of the sisth, Rs. 7 for eight villages of the sisth ind the seventh group. The anns increases are nil, 1, 2, 21 $\frac{1}{2}$ and $3 \frac{1}{2}$ as shown by Mr. Hey. I presume this is correct, but rice assessments are strange matters. However, no doubt, when Mr. Hey proposes to "raise maximum rates from, say, Rs. 8 to Rs. 9, all he means to do is to increase all old rioe a,ssessments by $\&$ annas in the rupee. On what principle and for what reason
": Mr. Hey has fixed on his proposed rates, I do not understand ; and Mr. Mead
$"$ argues that his increases are not enough ; and suggests 5 annas in the rupee all round, with a minimum of the maximum jirayat rate of the village. Mr. Bell would have a 4 annas increase-which is what he wants for dry-crop rates. If my
${ }^{4}$ suggestion-that the present groups should remain unchanged-be accepted,
- I would urge that old riee should be treated like other land and take the inorease which Government may a approve. I have suggested that this may be 4 annas. Whether there should be a maximum of the highest jirayat rate depends on the treatment to be given to new and newer rice. I must object to any such
minimum on principle. It means that we saran the elassifioation of many fieldsy and in my opinion it is illegal and opposed to all our principles. If Mr. Hey's groups are accepted I think old rice lands shbuld take the increase of the village dry crop lands. We must suppose that the present rates wefo suitithle; and, if that be so, it seems to me that rice lands are affected by the rise in prices and improvement of communication neither more nor less than dry-crop lands, and they ought to take the same increase. Mr. Bell's paragraph 18 introduced some very complicated considerations, but what secms to me the most important fact is that the old arrangements for rice latids largely blocA proposals for any regrouping at all. That is another reason why the present groups should be left alone. If I thought this grouping was bad and seriously needed changing I should have to consider the effeot on rice lands very closely. But I do not think this at all, and am merely strengthened in my opposition to change.

9. For "now" and "newer" rice-as defined elsewhere to mean the first revision nav kird and lands converted into rice fields during the present settlement. Mr. Hey follows Mr. Garrett in treating them as jirayat. He does not agree with this policy for reasons which I do not know. Nor does anybody, it appears, agree that recently converted riee need for any equitalis reason be exempt from extra taxation. My objection is basedwn the law, and on what has been hitherto believed to be the declared policy of Government. On this point I need say no more.

## Mr. Mead's proposals are :-

"That "new" and "newer" rice should both be assessed at maximum jirajat rates irrespective of the classification. If this be done, it is supposed to entail the minimum of this rate for old rioe, on the ground that we cannot assess the usually superior old rice less than the usually "inferior new and newer rice."
10. As for this last idea-the minimum for old rice-I do not know why we should boggle over such a little difficulty when we are proposing to ignore the gross inequality of treating all new and newer rice alike no matter what its quality may be. But I cannot support any of these suggestions. To scrap the olassification and assess all lands alike seems to me not only illegal and contrary to well considered polioy but also unfair. It is true no doubt that if we leave things alone as I have suggested we loserevenue. But surely that is exactly why we have acoepted a certain law and given certain pledges; we have bound ourselves to resist the temptation of more revenue-for reasons which may or may not have been sufficient but which were accepted as such. However if Government rule that I am wrong, and that we can now treat new and newer rice in a way different from what we have hitherto done, then I think we must classify. I cannot reconcile myself to the idea that whole blocks of land should be assessed at the same rates no matter how they may differ in fertility and natural advantages. As has been pointed out the new orders necessarily entail measurement. We might as well elassify at the same time.
11. Mr. Mead has a few remarks on the 33 per cent. enhancement limit. I understand thai Government are bardly disposed to alter the rule. But if that be I may perhaps call attention to Mr. Mead's suggestion that a difference in interpretation may be oonsidered. The limit is to apply to a taluka or group of villages. It is this latter limitation that troubles us. It is not quite clear what the rule really meant when it was originally laid down; for every taluka consisted of many groups. Perlaps the rule intended Government to bare discretion. whether to apply it to a whole taluka or to a group oply. Mr. Mead shows how the application to a group puts obstaoles in the way of regrouping-this may be a very serious matter when Khandosh settlements come up. And I have pointed out that there is another anomaly. If a few villages form a group they cannot be raised more than 33 per cent. But if they are put along with other villages into a larger group they may be
increased twice as muoh. In fact 33 per cent. for the taluka and 66 per cent. for the village (or holding) would be a straightforward wule free from any; objection except the objectian that it sacrifices revenue.
12. I agree with Mr. Hey and the Collector as to the term of settlement.

I have the honour to be,
. Sir,
Your most obedient servanit,
C. N. SEDDÓN,

Acting Commissioner, C. D.

# Revenue Survey and Assessment. <br> Ahmednagar. <br> Second revision settlement of the Akola táluka. 

GOVERNMENT OF BOMBAY.<br>Refenue Department.<br>Resolution No. 7160.<br>Bombay Castle, 20th July 1916.

Letter from the Commissioner, C.D., No. Genl, 746 dated 9th June 1916-Sube mitting, with his remarks,

Letter from Mr. N. H. Hey, I. C. S, Assisknnt Fettlement Officer, Ahmednagar, No. S. $\rightarrow 990$ dated 18th May 1016.
 dated 19th May 1916.
Memorathm from the Commissioner, C. D., No. Geni.-74e dated 21st May 1916.
Reoords No. S.T Setilement Commissioner and Director of Land Reoords No. E.T.-76 dated 30th May 1018.
the papers specified in the margin, containing proposals for the second revision settlement of the Akola táluka of the Ahmednagar district.

Rusolution.-These papers relate to the proposals for the second revision settlement of the Akola taluka of the Ahmednagar district.
2. Government agree with the Settlement Commissioner and Director of Land Records and the Commissioner, C. D., that the enhancement proposed by the Assistant Settlement Officer is higher than should be taken from this somewhat backward táluka, and that the reasons givenfor the alterations in the grouping are not sufficiently cogent to justify a departure from the arrangements which were worked out for the whole táluka at practically one and the same timelby a survey officer of great experience. Some improvement in the communications has been effected during the settlement period which is expiring; but though this may be a reason for a general enhancement, the improvements are not syeh as make a great difference in the relative position of the villages. Government are therefore pleased to sanction the Commissioner's proposal that the present grouping should be approved.
3. As regards the rates, the Commissioner's proposal for an increase of four annas in the rupee in the dry-crop rates is sanctioned, subject to the modifioation that the increase in group IX should be two annas in the rupee. The following maximum dry-crop rates are sanctioned :-

4. The proposal made by the Commissioner, C.D., in paragraph 6 of his letter for the application to all pátasthal lands of the approved increase for the soil assessment and the increase of four annas in the rupee in the water rate for the Ardala river pátasthal apd two annas for other pátasthal is sanctioned.
a 330 - 44
5. As regards the rioe rates, the proposal made by the Settlement Commissioner and Directer of Land Records for an increase of 25 por cent. is sanotioned, subject to the modification that as in the case of the dry-crop rates the increase in group IX should be two annas in the rupee.
6. 'The orders passed in respect of the Government villages should be applied to the inam villages of the taluka.
7. The revised rates should be introduced in the current revanue year 3915-16, levied from 1916-17 and gaaranteed for a period of thirty years.

## G. A. THOMAS,

Deputy Seeretary to Government.
G. R. No. 7160, R. D., dated 20th July 1916.

To
The Commissioner, C. D.;
The Collector of Alhmednagar,
The Settlement Commissioner and Director of Land Records,
The Director of Agriculture,
The Accountant General,
The Public Works Department of tbe Secretariat.
The Government of India (by letter).

REVISED APPENDIX $Q$
OF,GOVERNMENT AND INAM VILLAGES OF
TALOKA AKOLA, DISTRICT AHMEDNAGAR.

REVISED APPENDIX
Effeet of Revision Setllement Proposalio on Gecerra


0
Docrupied Land in Akola Talkua of the Ahmodnagar Collectorate.



REVISED APPEND:


Q-continued.



Q-conzinued.


REVISED ATPENDIY

V. B. MARDHEKAR,
Saperintendent, Land Fecords, C.D.

REVISED APPGNI


## for inam villages.

Pequsals on cecuped land.



' INDEX TO THE CORRESPONDENCE RELATING TO THE SECOND
REVISION SETTLEMENT OF NAGAR TALUKA OF THE
AEMEDNAGAR DISTRICT.


No. S. 396-A of 1916.
From
J. H. GARRETT, Esq., I. C.S.,

Assistant Settlement Officer,
Western Tálukas, Ahmednagar:
To
The COLLECTOR,
Ahmednagar.
Ahmednagar, $\frac{301 \mathrm{~h} \text { May }}{2 n d \text { June }} 1916$.
Sir,
I have the honour to submit a report on the Second Revision Settlement of the Nagar Taluka of the Ahmednagar District. This report should have been written by Mr. N. H. Hey but owing to illness he was compelled to abandon the work after completing all the preliminaries.
2. The taluka as at present constituted consists of 121 villages, of whioh 103 are Government and 18 inám.

At the time of the First Revision the Government villages numbered 98. The increase is due to the formation of a separate village for Udarmal, formerly a hamlet of Shiral, to the transfer of two Government villages Ghospuri and Sarola in 1886 from Párner Táluka, and to the lapse of two inám villages Ghanegaon and Sujalpur to Government in 1915.

The authority for the existing settlement is as follows :-

3. The Nagar Táluka is roughly square in shape with an irregular proPbysical features. jection on its southern portion, containing some twenty villages.
The whole taluks, exoluding the north-west and north-east corners, is drained by the Sina River and its tributaries. The tract is extremely broken up by irregular masses of hills from which the numerous feeders of the Sina take their rise. There is, however, a very fair area of level ground alongside most of the streams-the larger the stream the more open the country. The better olass of soil is found in the lowlying valleys. The hills are generally barren with small patohes of cultivation here and there on shoulders and in ralleys.

$$
\pm 430-1
$$

A few miles north of Nagar the country becomes very hilly and broken and finally falls away with a considerable drop to the Rahuri and Nerasa plains. In the north-east about a dozen small villages and in the north-west about 15 more important villages lie on the other side of the water shed or in common parlance "below gháts".

A detailed description of the táluka is given on page 36 and subsequent pages of Selection No. CLXXV.

Fainfall.
4. The táluka suffers from a very irregular rainfall and frequent famine.

The rainfall at Nagar for the last 11 years is given in Appendix A.
In addition there are some statistios recorded in recent years at various centres by the Publio Works Department. They are incomplete and perhaps not as carefully kept as at head-quarters.

The following table gives the information available:-


The comparison between Nagar and Bhatodi may be made with sufficient certainty. Bhatodi is 11 miles east of Nagar. The rainfall at Bhatodi appears to suffer less extremes than at Nagar.

In my report on the Parner Táluka I have shown that the average rainfall is slightly greater at Nagar than at Parner. But this is due to heavier precipitation at less frequent intervals. There are on an average 7 less rainy days at Nagar than at Parner although the total fall is greater. This irregular distribution is a very serious drawbaok to Nagar and naturally accounts for the-inferior state of prosperity in Nagar Tálaka.

Nagar Taluka is situated in the worst famine area and has been badly hit several times during the current lease, notably in 1899-1900, 1804-05, 1905-06, 1911-12 and 1912-13.
5. Appendix $B$ gives the area under each kind. of crop.
The crops in order of importance are jowári $43 \cdot 10$ per cent., bajri, 31.09 per cent., samilower 4.81 per cent., math and kulith 4.81 per cent, catton $3 \cdot 34$, tur $2 \cdot 65$ per cent. and whest $2 \cdot 38$. No other orop reaches 2 per cent. of the gross area cropped.

Jowari and bajri are the staple food grains of the taluka. The soil is not suitable to wheat in most parts. There is, however, a very good area of wheatgrowing land in the plain country east and north-east of Nagar city.

Kharif crops only are grown in the villages below ghats on the northwest and north-east corners of the taluka and in the billy villages round Kavadgaon, Khandki, Mathni, Balevadi and Ranjni.

The principal money crops are wheat, cotton, tur, safflower and gram. But none of these are grown universally.

Cotton is grown largely in the kharif tract below ghats. This crop is extremely profitable in recent years and is one reason why the villages between Karanji and Khospuri are so prosperous. There is always a large surplus in cash produced by cotton growing. This enables the rayat to pay his assessment easily and also tends to raise sale price and rents of land by increasing the effective demand for land.
6. There has been a considerable change in the proportion of gross area under the various crops since 188\%-83.

Comparative statement of crops (percentage of gross area cropped).

| 1882-88. |  |  |  |  |  | 1909-10 to 1913-14. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Jowári | ... | ..' | * |  | 505 | $43 \cdot 10$ |
| Bájri | ** | ... | ... | * | $35 \cdot 3$ | 31.6 |
| Wheat | ... | ... | ... |  | $4 \cdot 4$ | 238 |
| Gram' | ... | ... | ... |  | 3.2 | $1 \cdot 74$ |
| Mat, etc. | -** | ... | ... |  | $1 \cdot 4$ | 481 |
| Tur | -" | ... | .. |  | 1-1 | $2 \cdot 65$ |
| Safllower | *** | ... | $\cdots$ |  | $0 \cdot 7$ | $4 \cdot 81$ |
| Cotton | -** | ... |  |  | 0.4 | $3 \cdot 34$ |

This table shows a marked reduction in staple food grains and a larger production of pulses, saflower and cotton. There is ovidently a tendency to * grow only as much jowari or bájri as will support the family and use the rest of the land for money crops. This is especially noticeable in the case of safflower and cotton. This policy requires great judgment on the part of the rayat and is often the cause of failure. The decrease in wheat area is noticeable.
7. Appendix $B^{2} \begin{gathered}\text { gives details of irrigated crops. The gross area of } \\ \text { irrigated crops averaged } 12,792 \text { acres or } 6.1 \text { per cent. } \\ \text { Irrigated cropm }\end{gathered}$ of the gross area oropped. This is by no means an unsatisfactory percentage.

In a taluka like Nagar it is of the highest importance to extend irrigation by wells. I have no early figures to compare with Appendix B'. But the closely related Appendix $J$ helps to indicate how irrigation is progressing.

At the beginning of the lease there were 2,194 wells ffor irrigation in use in 101 villages of which the táluka was composed. In 1914-15, the number has now risen to $3,3 \mathrm{LO}$ according to the latest figures available (1912-13). The increase of 50 per cent. is very satisfactory.
8. At revision of the assessinent of a taluka changes are based chiefly on Crop Experiments atconsideration of prices of produce, It is however essential to know that the existing rates are right before any safe conclusions can be drawn.

One of the best ways of getting information on this point is aotual tests of outturn. In the case of Nagar Táluka we have only a few cases whioh are given in the following table:-


In all these cases the incidence of assessment is very light. Owing to the rise in prices since $1902-03$ the incidence in the first two cases would at present prices be only 5.4 and 6.2 per cent. respectively. All these esperiments may be fully relied on as accurate.
9. In certain cases cultivators dispose of their crops standing for a cash

Sales of standing Crops.
payment. Naturally the price received is less than the market value of the gross produce as the purchaser can only make a rough estimate of the yield and has to deduct a margin for the expens of watching, reaping, carting and threshing. The following table gives a summary of cases noted during 1914-15:-

| Taluka, |  | Crop. | $\sim$ | Numbar of camean | Average akBeasment por acto. | Average price per acre of Itanding erog. | Peroentage of ansensment on price of atanding crop. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1 |  | 2 | $\because$ | 3 | 4 | 5 | 6 |
| NagarDo. |  | Bajri and mixtare Jovári and mixturo Groundnut | ... | 84110 | $\begin{array}{rrrr}\text { Re. } & \text { g. } & \text { p. } \\ 0 & 11 & 3\end{array}$ | $\begin{array}{cccc}\text { Re. } & \text { a. } \\ 8 & 14 & \text { p. } \\ 4\end{array}$ | 7.8 |
|  |  |  | ... |  | 01311 | 9111 | 9.5 |
|  |  |  | ... |  | 11310 | $6310 \quad 5$ | 2.9 |

These percentagè are very low. They show clearly that the assessment is practically negligible in the case of bagait and light in the case of jirait crops.

Commanications gar itself.

The made-roads existing at the time of the First Revision Settlement are as follows :-
(1) Nagar-Poona road passing through Kedgaon, Chas and Kamargaon.
(2) Nagar-Rahuri road oid Savedi, Nagapar, Nimb-dehere and Shingve giving access to the 'below ghát' villages of țthe horth-east.
(3) Nagar-Aarangabad road, via Imampur Ghat. This road givea access to the villages below ghát in the north-west. It has branches near Khospuri leading to Vambori market and railway station, and to Shergaon.
(4) Nagar-Tisgaon road running due west from Nagar through hilly country and descending the ghát to Karanji. This road gives access to the below ghat villages adjoining Karanji. It is now kept in very fair order and the Glat is well graded.
(5) Nagar-Jamkhed road running south-east through Chichondi Patil.
(6) Nagar-Dhond road running nearly due south through Arangaon. During the lease the principal additions are
(7) Shendi-Varmbori road vid Dongargan.
(8) Nagar-Takli road running south by east from Nagar through Ruichhatisi.
There are also a number of other cart-roads kept up by the Local Board in an indifferent state of repair such as the roads to Walki and Khadgaon, and a chord from Khospuri to Karanji. It is evident that almost every part of the taluka is within reach of a road. The only places that give real difficulty to cart traffic are the gháts along the north of the táluka. These gháts are pierced by four excellent roads so that there is little ground for complaint. The most that is suffered is a slight detour.

## Railway.

11. The Dhond-Manmad chord of the G. I. P. Railway runs across the taluka from north to south.
There are stations at Vilad, Nagar, Akolner and Sarole.
The traffio at Nagar is alone important. There is no goods traffic at Vilad or Akolner. Sarole is in a corner and is very little used. Nagar being the trade centre, exports and imports are almost entirely dealt with there, even in the case of villages which are nearer to Sarole.

This railway is of the greatest value to the táluka both as an outlet for its produce and as a protection against the worst results of famine.

Harkets.
12. Appendix C gives a list of the markets in the Nagar Táluka.

## The figures of sales are quite worthless.

The small markets are of little importance for settlement purposes. Small quantities of produce are sold to meet current expenses. But in this taluka, Nagar is the centre to which all produce in bulk is brought. There is a regular market for grain and cotton daily in the season. The Tuesday market is merely like any of the other bazars only on a larger scale. The figures of sales at Nagar as given in Appendix C are absurd and misleading. Daily sales amount to thousands of rupees.

Although it is generally recognized that in the Deccan nearness to markets is a consideration secondary to that of climate, there is a real advantage in immediate proximity to an important produce centre. The cultivator has the best opportunity of learning how the market runs and can hold up his goods or forestall others as he thinks best. Ho is not forced to sell when he brings his produce to market. Those who live at a distance must sell, or waste 2 or 3 days on the road.

The existing grouping is based on the great advantage which proximity to Nagar gives.

The only other market worth individual mention is Walki. This market is famous for cattle. It is the chief centre for cattle for all surrounding tálukas and is visited by people even from Poona Distriet.

- There is an important trade centre at Vambori in the Ráhuri Táluka but it is soarcely nsed by this táluka except by a few villages near Singve and Khospuri. ' $\%$

13. Tuere are 4 railway stations in Nagar Táluka Two of these Vilad Imports and Exporta and Akolner are not regular goods stations and may Imparta and Bxportan : be ignored.

Sarole in the south-west has a small amount of goods traffic but this traffic does not belong to the Nagar Taluka. It is almost entirely of Parner Taluka. Even villages in the south of the taluka such as Ruichhatisi, Ralegan, etc., send nothing to Sarole. All exports must go through brokers and therefore Nagar is the sole outlet for the produce of this táluka.

The following tables show the exports and imports at Sarole and Nagar stations:-


These figures are not very useful either for showing how the taluka is progressing or for estimating the actual annount of produce available as surplus. The exports fluetuate to an extraordinary degree according to the nature of the season and the produce exported from Nagar station comes from 3 or 4 tálukas besides Nagar and from several distriots of the Nizam's Territory.

The figures are interesting mainly to show the preponderating importance of Nagar as the centre of business.
14. Ahmednagar, as I have remarked above, is a very important centre of the produce trade. It monopolizes the trade of, the taluka and also handles the greater part of the
Parner produce.
The Nagar Taluka bas no industries worth mention.
Nagar City is an important centre for the ginning and pressing of cotton. There are 11 ginning factories and cotton presses worked by steam power.

The only other industry of importance is that of weaving. This industry is in an unsatisfactory condition. There are about 1,595 looms in all. These are almost all in Nagar City and Bhingar. If the figures are correot the weaving industry has fallen off seriously since the First Revision Settlement. At
that time the number of looms was xeported to be 2,591 . The weavers of Nagar appear to be less enterprising than in other cities. They have entirely failed to adopt the fly-shuttle. The contrast with Malegaon-an important weaving centre with some 4,000 looms-is very marked in this respect. Unless the weavers of Nagar are prepared to change their antiquated methods the industry is doomed.
15. Appendix D gives the details of population according to occupation. Population. The table requires amplification. The percentage of urban population of Nagar itself with Bhingar and the Cantonment.

The following table gives the figures separately :-

| Population of Nagar Taluka. |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Y ${ }_{\text {carar }}$. |  |  | Eural. | Urbän. | Total. |
| 1881 | - | -. | 70,298 | 42,598 | 112,896 |
| 1891 | - | .. | 76,571 | 47,729 | 124,300 |
| 1901 | .. | ... | 80,350 | 47,754 | 128,094 |
| 1911 | ... | .. | 79,917 | 49,192 | 129,109 |

During the lease rural population has increased by $\mathbf{1 3 . 6}$ per cent. as compared with a total increase of $14 \cdot 3$ per cent. The growth of population has been slow but satisfactory. The occupied area has remained stationary during the lease. The shortage of labour is due therefors not to deficient population but to diversion of the labouring classes to non-agreultural work-often of temporary nature.
16. Appendix $H$ gives the total number of schools and scholars. The total number of sohools of all kinds has risen from 32 to 80 and the attendance from 2,019 to 2,508 . The progress is very poor and has no effect on the economic condition of the tâluka. There is in this taluka an extraordinary lack of interest in education. Schools have frequently been closed owing to poor attendance. Exeept in a few villages the schools are crowded with infants: the upper classes are practically empty. Not 10 per cent. of the children who go to the village schools ever learn to read and write properly. It is only among the urban population that education is progressing satisfactorily.
17. Appendix $\mathbf{F}$ gives details of live and dead stock according to a

Live and Dead Stcck. special census taken by Mr. Hey in March 1915, and also the figures of 1909-10. There have been very severe fluctuations during the lease as the following table shows:-


I regret that the figures of cattle census are not altogether trustworthy. There is certainly a big mistake, for instance in the number of carts in 1915. It is not to be supposed that 1,000 carts could disappear in five years as the result of famine. I can understand the apparent fall in the number of sheep as the census was taken in March when many of the flocks have moved to the Dángs for grazing. Goats which ave not herded by wandering shopherds show
a large increase. However, there is little doubt that there was a heavy drop all round between 1894 and 1905 owing to famines and a recovery in 1909-10 with again another fall between that year and 1915.
18. The recovery, however, is now complete. There is at present nowhere a shortage of agricultural stook and no complaints are heard on this soore. The cattle which die first in famine are naturally the old and decrepit animals. Plough cattle are saved except when the owner is too poor to feed them. He does not let them die but sells them so that they are not lost to the district. Though the method is brutal, these fodder famines have the economio advantage of olearing off worthless animals and also eradieating the noneconomic holder,
19. Appendix J gives the detailed figures of wells and tanks in 1912-13.

I have pointed out in paragraph 7 above that there has been a very satisfactory increase in the number of wells for irrigation. Tagái has been given with great freedom with a view to encourage the making of wells wherever possible. Between 1901 and 1915 Rs, 80,090 were advanced for wells alone. There is generally sub-soil water available at reasonable depth in all except the more hilly tracts. In the hills there is some deficiency of water even for domestic purposes.

The following table gives a comparison between the figures at the time of 1st Revision Settlement and the present:-


In addition to wells there are numerous streams which hold water for varying periods according to the character of the season. None have a continuous. flow in the hat weather but water is found in the sandy beds by digging below the surface.

The only tanks of importance are the Kapurvadi Tank which provides the water-sapply of the Nagar Cantonment, and Bhatodi Tank which irrigateg nearly 300 aeres in. Bhatodi, Chinchondi Patil, Dashmigavhan, Sandve, Pipmpalgaon Landga and Pargaon.
20. The value of land as shown by sales and rents throws considerable light on the economic condition of a taluka. It does not follow of course that the prosperity of a trast is proportionate to the value of land.

- There are various considerations to be: borne in mind. Land palues vary pretty ocnstantly with derisity of population. There are the extreme cases like Ratnagiri-where land attains a purely fictitious value owing to the extreme density of population combined with a plentiful supply of money obtained by non-agricultural occupations in Bombay. Again in tálukas like Nandgaon which are thinly populated land has a very high price owing to the facilitios for growing cotton. The suitability of soil for cotton-growing always causes an artificial inorease in land value. This is well seen in the case of Egypt. But cotton is so speculative a crop that it is doubtful whether the cultivator is in the long run going to gain by growing it. With the high prices prevailing in recent years he has no doubt been able to improve his standard of living\%; but the profits attract the speculative landlord who takes advantage of bad years to get the cultivator into his clutches.

Similarly high rents do not by any means prove that a tract is prosperous. No doubt high rents show keen demand for land but this may be due to overpopulation. The demand may be purely local owing to the movemente of a few families. The demand for land always comes from residents. There may be a deficiency in one village while 5 miles away land may be in very slight demand,

But if the statistics are received with due caution they are valuable as a guide to the grouping of villages, and also as an indication, when statistics for comparison are available, of the alteration which should be made in assessment.
21. Appendices K and $\mathrm{K}^{1}$ give figures of sales collected by Mr. Hey sales. from the Record-of-Rights. The instances taken are all geuuine cash sales of unencumbered land. They are arranged in three periods so that it is possible to follow the trend of sale prices.

| Average sale price of land in Nagar tajuks at various periods of the lease per acre. |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Number of villages |  | posed Group | 1885-1904 | 1905-10. | 1911-15. |
| $\begin{array}{r} 94 \\ 9 \end{array}$ | II | $\ldots$ | $\begin{array}{rrr}\text { TRs. } & \text { a } & \text { p. } \\ 11 & 1 & 7 \\ 7 & 2 & 3\end{array}$ | $\begin{array}{rrrr}\text { Rs. } & \text { a } \\ 17 & \text { p. } \\ 7 & 15 & 10 \\ 7 & 14 & 4\end{array}$ | $\begin{array}{rrr}\text { Rs. } & \text { a. } & \text { p } \\ 41 & 10 & 1 \\ 10 & 5 & 9\end{array}$ |
| 103 | Who | áluk | 10122 | 16146 | $20 \quad 74$ |

22. It is evident that Nagar is not a táluka in whioh land has a high sale-price.

The following table gives the values of dry-erop.land in Nagar and two adjoining tálukas:-


Compared with Shevgaon-Pathardi, Nagar figures are discouraging. There has been marked and steady progress in the former. Nagar has advancod but not nearly to so great a degree and has already fallen behind. I consider that this is due to two causes. First, that although Nagar has on an average a higher rainfall than Parner, it is not so well distributed and crops are more liable to failure through long breaks, or to damage from excessive downopurs. Shevgaon-Pathardi has a rainfall which improves steadily towards the Fiast. Secondly, although Nagar is better off for markets, roads and railway, and although it has a large class of monied traders and sávkars, land does not attract them as an investment owing to the difficulty of obtaining labour. Parner and Shergaon-Pathardi do not suffer the same difficulties of labour. In these tálukas labourers are less easily diverted to non-agricultural pursuits.
23. Sale prices afford some indications for the formation of grours. In this taluka the sale price of land is highest in the below-ghat villages in the North-East. The lowest sale prices prevail in the sterile tract borlering on Shrigonda táluka on the South. There is no evidence from sales to support the present group I consisting of 16 villages round Nagar City. I discuss this point in detail when dealing with grouping.

It is hardly necessary to add that no reliance can be placed on sale statistios for the grouping of individual villages. The figures are too few and liable to be upset by one or two sales at exceptional prices.
24. The sale-price of garden land is not of mush importance to the Settlement Officer. The statistics are very scanty. The price of garden land varies greatly owing to ciroumstances quite independent of the soil. The price $11430-8$
inoludes the cost of improvements such as wells, embankment, levelling, ledging, drainage, ete, which vary in each oase.

It is also of little importance to know that garden land on an average fetches nearly 9 times as much per acre as jizait land. There is no question of assessing garden land up to its full capacity. As garden land is ${ }^{\text {复lll }}$ assessed within the dry-crop maximum rate, any rate that can be imposed is almost negligible on this kind of land.
25. A good indication of the progress of a taluks is afforded by the changes in sale price of land. Appendices $K$ and $\mathbf{K}^{1}$ are prepared in three oolumns acoording to the date of the transaction. There has been a marked inorease in the sale price of land during the lease.

Colonel Laughton gives figures of sales obtained from the Registration Department. These sales are not necessarily sales for cash and cannot be strictly compared with the figures collected by Mr. Hey. The average sala price according to these figures was 21.7 times the origanal assessment. This is equivalent to about 18.l times the existing assessment. These figures inciude sales of all kinds of land.

The following table shows the comparative fizures :-

| Eale price of land (dry-crop and bagati) in Nagar Talnka in maltiples of the existing aesess ment. |  |  |
| :---: | :---: | :---: |
| Bofore 1st Revision. | 1885-1804. | 1005-15. |
| $18 \cdot 1$ | 18.7* | 13.2 |

It is safe to conolude that the rise in price of land during the lease-bas been real and substantial. The rise is not, however, as great as in adjoining talukas. For instance in Shevgaon Táluka land is worth 5 times as much now as in the ante-settlement period. In Parner the value of land is 3 times as great as at the time if the $1_{\text {st }}$ Revision.
26. Appendices $M$ and $M^{2}$ give statistics of rents of dry-orop and bagait land respeotively in 1914 and 1915. The statistics are very scanty. This is due to the fact that he usual prackice is to lease land on a crop share rent. These rents are of no use for purposes of Settlement.

Cash rants are comparatively rare : they have to be subjected to a rigid soxutiny and all the cases in which a debtor pays his advkár interest in the guise of rent, discarded. The residue is very small.

A comprehensive series of rental statistios extending over a period of years Tould be an invaluable guide. The material now available is for one or two seasons only and covers less than one-fiftieth part of the occupied area.

But the figures available are useful subject to the above reservations.
The following table is given to compare Nagar with its neighbours on the East and West :-


These figures show that the assessment is high as compared with the adjoining talukas.. It is, however, not by any means burdensome. Taking the average sale and reht for the whole taluka, land assessed at Rs. 100 would cost Rs. 3,384 and would bring in gross rent of Rs. 331. The net rent after educting assessment and looal fund would be Rs. 225. The yield on the
investment would therefore be 6.6 per cent. This is a fair yield but not excessive considering the risk of land lying untenanted from time to time. A 33 per cent. inorease in assessment would reduce the net profit to 5.6 per cent.

The net profit in Shevgaon-Pathardi calculated in this manner would be 711 per cent. and in Párner 6.2 per cent. The profit in Parner is apparently rather less than in Nagar but it is I think more certain owing to the fact that land is less likely to remain untenanted. This is shown by the fact that in Pámer fallow averages only 8.3 per, cent. of cropped area as against 17.7 per cent. in Nagar. For the purposes of formation of groups the figures have to be taken with caution and when single villages are looked at no inference at all can be drawn. A few examples of adjoining villages taken at random will show this, e.g., Sarole Kasar compared with Ghospuri, Islak with Karjune Khare, Bhingar with Savedi and Kapurvádi.
27. I shall refer to these figures again in discussing groups but may mention here that the only marked feature of rents and sales is that they are exceedingly low in the southern villages adjoining Shrigonda Táluka and decidedly above the average in the belownghat villages in the north-west of the táluka. In the rest of the táluka no uniformity is apparent. The same features are noticed in the case of sales.
28. A comparison with past figures would be useful but cannot be made with any accuracy. The past statistios available relate only to registered leases and these are frequently nothing but debt transactions. According to Colonel Laughton's figures (corrected to the present assessment) assessment formed 29 per cent. of the rent during the 3 years preceding the First Revision. It cannot be argued that rents at the present day have actually fallen in Nagar Táluka. But it is quite clear that rents have not risen in Nagar as they have in other talukas. In Shevgaon there has been an apparent rise in rents of 85 per cent. and in Párner of 11 per cent. Nagar, on the other hand, shows a slight fall. Although the actual change in rents cannot be ascertained, a comparisob between the apparent ohanges in various tálukas is possible. It is clear from this comparison that Nagar Táluka has not progressed like Shevgaon and Párner.
29. Mr. Datt's exhaustive inquiry into the course of prices in India Prices. makes it superfuous to discuss the question of prices except as applied to the táluka under -report. It is only necessary to see whether the rise in prices in Nagar has kept pace with the rise in other parts of India and secondly to show that the proposed clanges in assessment are not greater than the rise in prices.

Appendix $N$ gives the prices of seven of the prinoipal kinds of produce from 1884-85 to 1915 . The articles listed cover the following percentage of gross cropped area:-jowári $43 \cdot 10$ per cent., bájri $31 \cdot 09$, wheat $2 \cdot 38$, tur $2 \cdot 65$, gram $1 \cdot 7$ t, safflower seed $4: 81$, kulith $4 \cdot 81$, i.e., $90 \cdot 58$ per cent. of the whole crop.

Although jowári and bájri form a major part of the produce, they are not really of so overwhelming importance in the consideration of prices. Certainly the bulk of jowari and bajri is grown for home consumption, while wheat, cotton and safflower wholly, and the other artioles largely, find their way to market.
30. The following table !gives the average prices by decades from 1854-55:-

| Average prices in sers per rupee at Nagar. |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Puriod. | Jowar | $\mathrm{Ba}_{3} \mathrm{ri}$ i | Wheat | Gram. | Saflower beed. |
| 1854-55 to 1863-64 | 314 | 263 | $22 \frac{1}{2}$ | 221 | $26 \frac{1}{2}$ |
| 1861-65 to 1873-74 | 22a | 19 | 13 | 11 | 15 |
| 1874-75 to 1883-84 | 234 | 173 | 128 | -171 | 153 |
| 1884-85 to 1833-94 | $20 \frac{1}{2}$ | 174 | 14. | - $17 \frac{1}{2}$ | 12 |
| 1894-95 to 18U4 ... | 18 | 16 | $12 \frac{1}{2}$ | 15 | 16 |
| 1905-14 ..* | $14 \frac{1}{2}$ | 13 | $9 \frac{1}{1}$ | 111 | 11 |


:The inoreases all round are very groat and amount approximately to - $47 \cdot 4$ per ccent. The figures vary somewhat from those of other tálukas but . ${ }^{\text {it this is due to the fact that the decades do not exactly correspond. }}$

These statistics show that even the full increase of 33 per cent. in assessment would leave the oultivator a larger net profit than he enjoyed at the introduction of the First Revision Settlement.

But prices were then rising and no doubt the Settlement proposals were framed on this assumption. It may not therefore be necessarily desirable to levy the full increase which prices appear to justify.
31. Nagar is a very important centre for the produce trade so that prices might be expected to rule higher than at the smaller centres like Párner. But the following comparative table shows that Nagar has no appreciable advantage in this respect.

| Oomperative statement of prices at varrous contres 1904-13. |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Nagas. | Páruer. | Slupgran. |
| Jowari | *** | .-' | $\cdots$ | $15 \cdot 8$ | 16. | 17.1 |
| Bájri | ** | -" | *** | $13 \cdot 14$ | 14.4 | 14010 |
| Wheat | ** | ... |  | $9 \cdot 9$ | $9 \cdot 4$ | , 10.1 |
| Gram | *** | -.* | ... | 137 | 11.4 | $12 \cdot 1$ |
| Safflowėr need | *** |  | *** | $12 \cdot 8$ | 11.8 | 1244 |

Whatever small differences these tables show are unimportant. The prices given are retail priees charged to consumer. It is only the smallest men who combine retail selling in the bazar with agriculture. The man, who sells by the sack, sells for the most part at Nagar and naturally has to sell somewhat below these prices in order to leave the dealer or shop-keeper his margin of profit. It does not cost the cultivator anything to cart his grain to Nagar two or three times a year in the off-season whether he lives 10 or 30 miles from Nagar. He uses his own carts and oxen and probably enjoys the trip. I do not therefore consider that the Nag ar Táluka has such advantages of markets over either Páner or Shevgaon as necessarily to outweigh other considerations.
32. Like prices, wages have risen in marked fashion during the lease. Wagea. The statistics of wages are unfortunately most meagre and inaccurate. Fair accuracy is possible in asceraining prices of grains but even a skilled investigator' is hardly able to do more than give the extremes of wages and a considered estimate of the normal wage.

From records of Classers books it appears that wages in the outlying parts of the taluks were from 1 anns to 2 annas per day at the time of the 1st Revision. This rate has now risen to 4 annas as the regular rate for casual agricultural labour. It is however still usual to employ men by the year giving food and clothes plus Rs. 20-40.

It is safe to conclude that the rise in wages has been not less than 100 per cent. 'I his rise, it is universally admitted, has not been aceompanied by any improvement in efficiency: on the contrary labour is more independent and only remains in the villages because work is light and competition among employers keen.

I have had in view only the rural parts of Nagar Taluka. Near the railway and within 5 miles of the city and cantonment the farmer is even worse off.

Any able-bodied labourer can earn annas 4 to 6 a day by field work. He is not prepared to do a real hard day's work. If he is compelled to work hard he leaves the job and takes up carting or coolie work where he can earn double and treble the amount.
33. It has been seriously argued that this labour question is so serious that the output of the land has diminished owing to inability to till thoroughly. This is an extreme view which is not borne out by the facts. There is no sign of land going out of cultivation nor do the markets or exports appear to have suffered except in famine years.

I admit that the rise in wages is to be given due weight. It is the only factor of importance to discount the enormous rise in prices. It is one of the reasons why l do not press for the full admissible increase in this taluká *

Ihave also given it full weight in my proposals for grouping. Owing to the labour difficulty round Nagar I propose to equalise the assessment on the existing Group I with that of the rest of the táluka.
34. Appendix $0^{1}$ shows the variation in occupied area during the lease. The introduction of the lst Revision Settlement was not followed by any relinquishment of land. On the contrary the occupied area increased by over 2,000 aores within the first five years of the present lease.

The occupied Government land in $1886-87$ was $2,24,096$ acres. The occupied area in 1914-15 stood at $2,33,961$. The unoccupied area fell from 9,572 acres in 1886-87 to 1,523 aores in 1911-12: but rose to 3,511 acres in 1914-15. The increase of waste land in the last 2 or 3 years was due to strict measures of forfeiture taken against defaulters. Nearly all of this land would have been taken up readily for cultivation but it has been given out very sparingly. Some of it has been restored to the defaulters on payment of arrears and price usually fixed at twice the assessment. The rest is being reserved for soldiers. There is no sign of voluntary relinquishment any where.

The total increase in oconpied area is not very great. But considerable areas have been transferred to the Remount Department and acquired for publio purposes such as the Kapurvadi Tank.

The figures are on the whole quite satisfactory.
35. Appendix $\mathrm{O}^{2}$ gives the figures of collections. These figures are not altogether satisfactory. Small arrears were left outstanding nearly every year. Bad seasons in 1896-97, 1897-98 resulted in important outstandings. While the famine starting with 1899-1900 is marked by very serious fall in collections for 3 years. Thereafter the situation failed to improve until 1913-14 when practioally two years' revenue was collected. This was done without much difficulty. Again in 1914-15 the whole year's revenue and a considerable sum of arrears was collected. Now in 1915-16 there are no arrears outstanding and the current year's revenue is coming in with the greatest ease.

No doubt the state of affairs is partly due to laxity in the past. But the figures show only too plainly that the taluka has suffered very severely. The assessment is collected in good years with great ease-two or oven four instalments can be paid without hardships. But the heary losses entailed by periodical famines must be taken inta consideration. As I have elsewhere remarked, the suapension or remission of the assessment is little or no relief to a cultivator whose crop has failed.

A táluka with a history like this is surely deserving of some concession.
36. At,first sight it would appear̀ that the Nagar Taluka possesses most of Stamoury. the advantages which would lead a Settlement Officer to mpose a fairly high scale of assessment.
It has an excellent system of roads converging on its centre. The railway runs through the taluka from north to south. Its climate is healthy. Its average rainfall is ample to mature the ordinary crops. The cattle and dead $\pm 480-4$
stock are at present ample. Irrigation has extended by 50 per oent. during the lease. There are no signs of voluntary relinquishment of land. The occupied area has increased during the lease and the assessment is collected in good years without the least trouble. Lastly, the great market of Nagar lies in its centre and is accessible from all parts of the táluka.

All these faots point to the necessity of an inorease in assessment up to the permissible limit of 33 per cent. in view of the rise in prioes by 44 per cent.
. But there are other considerations which induce me to propose a rather lenient treatment for Nagar

First, the rainfall is very irregular and ill-distributed. A fall of 10 inches in one'year end 30 in the next does not give a 12 anus crop in either year : but the average is 20 inches-the best amount for a dry crop. Famines have foeen severe and frequent. Every time the oultivator suffers a set-back, from whioh he only reoovers with difficulty. The weaker men go onder entirely.

Again as arset off to the great rise in prices, there is the even greater rise in wages. Nagar Táluka owing to its situation on a railway and near a large city and cantonment suffers from the labour difficulty. muoh more than rural tálukas like Párner and Shevgaon.

Again it is easy to over-estimate the advantage of nearnoss to a large market. No doubtit is an advantage but it is outweighed by disadvantages suoh as dear labour and erratic rainfall.

The rates proposed last year for Shergaon are little more than the rates existing now in Nagar. Shevgaon is a prosperous taluka where land values and rents are higher than in Nagar. It would not be desirable to maintain the great advantage in assessment which Shevgaon now enjoys over Nagar.

I therefore think that Nagar Táluka must be given some concession. The case will not admit of the full increase of 33 per cent. being imposed.
37. The existing lst Group consists of 16 villages lying within a radius of about 4 miles from Nagar: The ghoup was so formed Groups. because of the proximity to such a large place and of the great facilities for disposing of produce both grain and fodder. These 16 villages have no other advantages at all. It might be thought that the proximity of the city would give a great impetus to market gardening. But I find that the area irrigated in this block is only 6.2 per cent. as againsi $6 \cdot 1$ per cent. for the whole taluka.

On the other hand there are indications that agriculture is not a flourishing ocoupation in this group. The rainfall is decidedly precarious and badly distributed. It is less in quantity than in the northern and eastern portion of the táluka. Labour is searee and expensive. The demand for labour in the oity and cantonment is so great that wages are fully 25 per cent. above the a rates prevailing in the more distant parts of the taluka.

In spite of a large non-agricultural population in the city there is little demand for land. Land here does not attraot the investor. This fact is evident from the statisties of sales and rents given below:-

| Sale price of dry-crop land in 16 villages forming the present Groap 1 of Nagar Taluka |  |  |  |
| :---: | :---: | :---: | :---: |
|  | 1884-1904 | 1905-10. | 1911-15. |
| Average multiple of assessment reprasented <br> by price ... , nes .ese .... *.. | $17 \cdot 6$ | 513 | $35 \cdot 2$ |
| Average multiple of asseasment reprosented by price for whole táluka | 18\% | 31.65 | $83 \cdot 84$ |


38. At the Original Settlement 51 villages were put in group I. It was only at the 1st Revision Settlement that the central group was differentiated. After very careful consideration I am convinced that there is no way of justifying the retention of this group. I propose therefore to throw, mthese 16 villages into the same group as the bulk of the Taluka, thus reverting ta the original grouping.
39. The existing second group comprises 57 villages lying all round the central groups. This group extends to the limits of the Táluka on the West, North, North-east and East.

South and South-east of Nagar the second group ends rather suddenly owing to the inferior climate of the southern portion of the Táluka,

There are also 4 villages to the North-west of Nagar which were put in the third group owing to their having no made-road leading to Nagar.

I think there is no doubt that the division between the 2nd and 3rd groups on the South was drawn too near to Nagar. The rainfall in the extreme South is no doubt the worst in the Taluka. But there are excellent roads leading to Baburdi Bend, Walki, Ruichhatisi antl. Athvad respectively. Moreover Ghospuri and Sarola Kasar, which were transferred from Parner Taluka, already bear the same rate as the second group, though geographically they should take the same rate as Khandale and Khadki which are in Group III.

The sales and rents in the 17 southern villages which I propose to raise are as follows:- .


This comparison shows that these 17 villages are very little, if at all, inferior to the Taluka as a whole.
40. Next with regard to the 4 villages Islak, Pimpri Ghumat, Karjune Khare and Nimbgaon Ghana in the North-west of the Taluka I see no reason to continue the favoured treatment. There is no made-road to these villages but they are accessible by good 'country-tracks. These villages are prosperous owing to a large stretch of excellent wheat-growing soil. The statistios of sales and rents do not give any adverse indication.

The two villages Ghanegaon and Sujal pur which lapsed to Government in 1915 naturally fall into the same group.

The present maximum rate is Re. 1-6-0. The inám village of Nandgaon which adjoins them on the East has been placed under a rate of Ro. 1-12-0
sinee 1860-70. The country here is very rocky and broken. This is olearly shown by the fact that the average assessment is only $0-2-7$ per acre in Ghanggaon and 0-2-11 per acre in Sujálpur. Access to Nagar is by oart-track only, and that a bad one for the first, few miles. The villages grow, only kharif crops and owing to the nature, i. e. extreme poverty of the soil, are not very well off:

On the other hand, the classification allows for the poorness of the soil : probably the hills attract rain and make these villages somewhat less insecure than others further East.

- 'Iam satisfied that these two villages can bear the increase from Re. 1-6.0 to Re. 1-14-0.

41. There is one more point whioh may be mentioned. It appears that the below-ghat villages on the North-east enjoy a somewhat better rainfall than the greater part of the Taluks. This is not definitely proved by statistios but is the result of general information. The line. of hills probably causes precipitation which is carried for some miles over the other side. Further East at Shevgaon and Pathardi the rainfall still further improves but there is reason to believe that the causes of heavier rainfall at these places do not affect the villages now under consideration.

These villages generally appear to be prosperous.
The following table gives the comparative value of land:-

| Value of land. |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | Salea--Average nonltiple of assessment represented by price. |  |  | Rents-mverage percentage of reat represtated by maseses ment. |
|  | 1884-1804. | 1905-10. | 1912-15. |  |
| 12 villages below-ghate in North-east ... | . 35.9 | 53.5 | 73.9 | $20 \cdot 9$ |
| Whole táluka ... -m m | 18.7 | 31.65 | 33.84 | $30 \cdot 15$ |

This table shows that land is very much more in demand than in the rest of the Taluka, But I attribute this largely to the fact that cotton is grown to a considerable extent in these villages. It is the usual experience, in places as unlike as Khandesh and Egypt that speculation in land is rife wherever cotton can be grown. I do not think therefore that very much weight should rbe given to these figures.

Again these villages are purely kharif. It is hardly reasonable to rate kharif villages higher than villages whioh have the option of growing either rabi or kharif crops.

Again the rate proposed for the adjoining villages of Pathardi is only Re. 1-10-0, while the adjoining Newasa villages are assessed at only Re. 1-8-0.;

It would therefore be very awkward to put this small group of villages in a higher group than villages surrounding it.
42. There remain now only 9 villages in the extreme south. It is certain that the rainfall in this part is inferior to that of the reat of the Taluka. It is also somewhat remote from Nagar and, except for the road running through Ruiohhatisi, has rather bad communieations. The statistios of sales and rents show that there is practically no demand for land. Even in a year of excellent rainfall like the present, I вarr numerous fields which had yielded no crop owing to want of tillage. I consider the tract decidedly inferior and propose to rate it at annas 2 leas than the rest of the táluka.

The result of my proposals will be to reduce the three groups to two.

Maximum Rates.
43. The following table shows the existing and proposed maximum rates:-

| No. of Fallages. | Existing Rate. | Proposed rate. | Increase. |  |
| :---: | :---: | :---: | :---: | :---: |
|  |  |  | Per cent. | To nearest $\frac{3}{3}$ anna in the rupee. |
|  | Re. a. p. | Rat a. p. |  |  |
| 16 | 1100 | 1140 | $15 \cdot 3$ | - 21 |
| 57 | $\begin{array}{lll}1 & 8 & 0\end{array}$ | 1140 | 25 | 4 |
| 21 | 166 | 1140 | 363 | $5 \frac{1}{2}$ |
| 9 | 160 | 1120 | 27.2 | 4 |
| 103 | . |  |  |  |

The total increase in assessment amounts to 25.59 per cent. exclusive of water-cess. This increase is very moderate. But I consider that Nagar Táluka well deserves somewhat lenient treatment. It has hitherto been rated level *with Parner. I now propose to give it a slight advantage over Parner. This is fully justified on all grounds which I need not go into again here,

Compared with Shevgaon and Pathardi on the East the proposed rates still leave Nagar Táluka in a disadrantageous position. In Shevgaon and Pathardi the rates proposed are from Re. 1-8-0 to 1-14-0. Half the villages 92 in number are rated at $1-10-0$ while onlyi $2 S$ are in the 1st Group.

It is, I submit, better to eecure equality of taxation than to demand the last anna from o táluka like Nagar which is from the agricultural point of view. less prosperous than its neighbours.
44. There was formerly a large area of inferior pátasthal. The water Patastbal. assessment was permanently abolished by Government Resolution No. 6257 dated 29th June 1909. The total amount remitted was Rs. 8,887 .

Patasthal is retained only in the villages of Chichondi Patil and Ukadgaon. These páts derive a practically certain supply of water by percolation from the canal from Bhatodi tank; for this reason the assessment was retained.

But the irrigation is of an inferior order and does not at any time suffice for the better class crops.

I propose that the present rates of patasthal which are under the Rs. $\mathrm{s}^{*}$ soale be kept unchanged. In view of the liberal policy of Government towards pátasthal in precarious tracts, it would I think be somewhat unfair to increase * the rates on these two villages. The bandharas are kaccha and therefore require some expense annually.
45. In conclusion I recommend that the rates be guaranteed for 30 years, or if Shergaon rates are guaranteed for 30 years, to expire in the same year as the rates of that Táluka.

> Inám Villages.
46. There are 18 inám villages in the Nagar Táluka.
Of those 14 are surveyed and settled. In 4 villages settlement has not been introduced. The survey has been completed and proposals are now to be submitted. In one village Igadgaon the settlement was introduced in 1911-12 and has been guaranteed for 30 years by Government Resolution No. 6514 dated 15th July 1913. No proposals are therefore to be made in respeet of this village,

The following statement gives theinformation about the existing settlement in each village:-

ㅍ․ 490-5

47. It is unnecessary to repeat the arguments which have been used to support the proposed grouping and rating of Government villages. As far as possible, inám villages will be put under the same maximum rates as adjoining Government villages.

The rates at prosent in force are as follows :-

|  | Village. |  |  | Maximam minta |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Ris. | B. | p. |
| Nandgaon | -* | $\cdots$ | *** | 1 | 12 | 0 |
| Devgron | .-. | ... | ... | 1 | 10 | 0 |
| Ratgho Hivze | ** | ... | ... | 1 | 8 | 0 |
| Nimblak | ... | ... | ... | 1 | 8 | 0 |
| Valki | .., | ... | ..- | 1 | 8 | 0 |
| Baburdighnumat | .-. | $\cdots$ | $\ldots$ | 1 | 8 | 0 |
| Ambiloadi | ... | ... | $\cdots$ | 1 | 6 | 0 |
| Kedgaon | ... | ... | ... | 1 | 10 | 0 |
| Chas | ... | ... | ** | 1 | 8 | 0 |
| Karanji | - | ... | ... | 1 | 8 | - |
| Pimpalgaon Ujis |  | ... | *** | 1 | 10 | 0 |
| Sonevadi | ... | ... | ... | 1 | 8 | 0 |
| Agadgaon | -*. | ..- | -.. | 2 | 0 | 0 |
| Hivre Jhare | ... | ... | ... | 1 | 6 | 0 |
| Nagar Devle | $\cdots$ | $\cdots$ | $\cdot$ | Surv | ey 8 | tile- |
| Jamb | -a. | ... | ... |  |  | not |
| Akolner | -." | $\cdots$ | ... |  | rodu | ced. |
| Takli Kazi | ... | -... |  |  |  |  |

Following the simplified grouping which I propose for Nagar Taluka, all the alienated villages, except Ambilvadi, would fall -in Group I proposed to be assessed at Re .1 -14-0 maximum rate.

The above list shows that at present the rating of inam villages does not in all cases correspond to that of adjoining Government villages.

I will accordingly discuss each village in detail.
48. Nandgaon.-This village has borne the exceptionally high rate of Re. 1-12-0 since the" Original Settlement in 1869-70. As Colonel Laughton remarked, this village is in no respent better than the neighbouring Government villages rated at Re. 1-8-0.

I do not see any reason to maintain the difference. The rate proposed for Group I will give a small ingrease of $7 \cdot 1$ per cent. I think this is enough.* Nandgaon is a Sharakati village and has no arrears,
49. Nimblak.-The present rate is Re. 1-8-0 There is no special feature about this village. It will naturally take the rate of Be. 1-14-0.
50. Ragho Hivre:-I proposa Re. 1.14-0. There is nothing to remark here.
51. Valkis Baburdighumat.-These two villages are to the south of Nagar. They are reached by a kaccha road which branches off the Nagar-Dhond road at Arangaon. The villages are at present in the Re, 1-8-0 group although geographically they fall more naturally in Re. 1-6-0 group of Government villages. Valki was given the higher rate as it is a bazar townand the principal cattle market of the district. I do not see any reason to give either of these villages special treatment. The rise from Ré. 1-8-0 to Re. 1-14-0 will be easily borne. There are no arrears at all in Valki and none since 1901 in Baburdighumat.
52. Kedgaon is a prosperous village near Nagar at present rated at Re. 1-10-6 like the 16 Government villages within the 3 mile limit of Nagar. There are no arrears in this village. The increase to Re. 1-1t-0 in the maximum rate will fall very lightly, especially;as the maximum rate of motasthal, which is now Re. 3, will be reduced to the jirayat maximum rate.
53. Chas, Sonevadi.-These two villages are rated at Re. 1-8-0 like adjoining Government villages. At the 1st Revision Settlement Oolonel Laughton hed proposed to put Chas in the 1st Group rated at Re. 1-10-0 these two villages will have no difficulty in paying a rate of Re. 1-14-0 now.
54. Hivre Jhare.-This village was trañsferred from Párnèr Táluka in 1886. The rate imposed at the Original Settlement in 1884-85 was Re. 1-6-0. This rate corresponds with the rate sanctioned in adjoining Nagar villages. The introduotion of this rate led to an increase of no less than 87 per cent. in the assessment. This increase appears to have been due to the extremely faulty palculation of area under the 'mamul' system. The mamul measurement gave 1,942 acres as occupied arable land. The survey measurement found the true area to be 3,219 acres. There are arrears amounting to Rs. 390-13-6. in this village. It touches Deulgan Sidhi at one point. This village I propose to place in Group II. Hivre is on the border line between the two groups and there is no outstanding feature to enable one to place this village decisively.

On full consideration I think that Hirre Share which is on a made road. and rather outside the proposed lower group can bear the increase from Re. 1-6-0 to Re. 1-14-0. I propose therefore to place it in Gronp I like its neighbours Ghospuri and Sarole. The motasthal rate is at present Rs. 3 but this will now be reduced as in Kedgaon.
55. Karanji.-This village is at present rated at Re. 1-8-0. It is in the prosperous below-ghat tract and can easily take the increase to Re. 1-14-0. There are no srrears within the last 8 years in this village. The motasthal rate which is now Rs. 3 will be reduced as in Kedgaon and Hivre Jhare.
56. Pinspalgaon Cijani.-This lies just outside the existing Group I of Government villages but it was given the same maximum rate as that group, ©iz., Re. 1-10-0, in order to avoid a decrease in the inámdár's revenue.

The present proposal is to put this village under the same maximum rate as Government villages, vix., Re. 1-14-0. The rise is small but sufficient.
67. Agadgaom.-The existing settlement is guaranteed up to 1940-41. So no change is to bo made now. The sanotioned rate is Rs. 2. This rate is higher than that proposed in the táluka but was imposed.in order to prevent any deorease in the inámdar's revenue.
58. Devgaon.-This is a small village in the hilly region east of Nagar. It was placed at the 1st Revision Settlement in the 1st Group because it adjoined that group on one side. It should more properly have been placed in the 2 nd Group as it is cut off from the 1st Group by a range of hills impas* sable for traffic. Devgaon will fall easily into the Re. 1-14.0 rate now proposed.
59. Amitileadi is nother snall village situated in the extreme south of the taluka on the borders of Shrigond Tatuka. It is at present in the lowest group. By its situation it will fall into thé, new Group IL with a maximum rate of Re. 1-12-0.
60. Talli Kazi.-This village comes up for settlement for the first time. The survey operations were completed in 1914.

The village is situated at a distance of 8 miles south-east of Nagar on the metalled Jamkhed road.

The assessment (exclusive of inkm lands) worked out on a basis of Re. 1 comes to Rs. 646.

The average mamul revenue which was recovered in 1912-13, 1913-14 and $1914-15$ is Rs. 1,301. (exclusive of kadim inám). There are no arrears within the last 6 years.

The imposition of a maximum rate of Re. 1-14n0 equal to that in adjoining Government villages would result in a decrease as compared with the mamul demand and gollection. This is due to the fact that there are 102 acres of bagayat (motasthal) on which the high rate of Rs. 4-12-9 por bigha is recovered at present.

I therefore propose that a special bagayat maximum rate of $\mathrm{Rs}_{\mathrm{s}} \mathbf{3}$ be imposed and thre jirayat rate be kept at Re. 1-14-0. This will give the jalagirdár a revenue equal to that which he now enjoys. This proposal is discussed fully in paragraph 64 below. The demand and recoveries in years antecedent to 1912-1s *ere much less. The normal demand recovery upto then was only Res 1,211-9-0,

The great increase in the last 3 years is due to the giving out of land for cultivation on survey tenure. There is now no waste land, whereas in 1906 166 lighas assessed at Rs. 183 were entered as wastẹ. .
61. Jamb.-This is a small village into which settlement is now to be introduced for the first time. Jamb is situated 11 miles due oast of Nagar on the Nagar-Pathardi Road.

In this village the arrears date from 1909 aind are as follows:-

| 1909-10. | 1910-11. | 1911-12. | 1912-13. | 1213-14. | 1914.15. |
| :---: | :---: | :---: | :---: | :---: | :---: |
| $\mathrm{M}_{\mathrm{s}}$. | Rs. | Rs. | Rs. | IR. | Rs. |
| 55 | 183 | 172 | 959 | 42 | ... |

The collecions in 1913-14 and 1914-15 amonnted to Rs. 1,014 (exclusive of judi on inám land). The demand has remained constant at this figure since the earliest year (1889-90) for which information is available. But the full amount has been collected only in 1893-94, 1895-96, 1898-99, 1902-03, 1908-09, 1913-14 and 1914-15.
'The survey assessment on the lands at a Re. I maximum rate comes to Rs. 485 only: A rate of Rs. 2-2-0 would produce Rs. 1,030 annually.

The area of motasthal is only 27 acres, so that there is no difioulty in puttine the dry crop rate at a figure which will secure the indmdar from loss. Itherefore recommend that a special rate of Rs. 2-2.0 be imposed on this, village in order to secure the jahagirdarr from loss of revenue.
62. Nagar Devle.-This village is situated less than 2 miles from Nagar City. It is particularly benefited by its close proximity to the City as it has a very larger area of bagayat and does a good deal of market gardening.

The accounts of this village have' been badly kept and cannot be relied -on fully. There are no arrears at present.

In spite of high rates the village appears to be fairly prosperous. The ohief complaint is about the high rates of wages. Six annas for a day is about the lowest rate. No one can be hired on yearly agreement. The usual method is to hire by the month at about Rs. 8 to 10 or to give out piece-work.

- The surver operations were completed in 1914 and settlement is now to be made for the first time.

The assessment worked on a rupee one basis cones to Rs. 536. The actual demand of land revenue in $1915-16$ amounts to Rs. 2,800-6-9 exclusive of kadim inám. Out of this Rs. 2,782 were collected. It would therefore be necessary to impose a maximum rate of Rs. 5-4-0 to secure this revenue.

The reason of the high incidence of assessment in this village is that there are no less than 405 acres of motasthal. The bagayat rate of assessment is Rs. 4-5-0 per bigha. The mamul rate is recovered in full on some numbers. On other numbers the jahagirdar makes deduction every year but there is no fixed soale of deduction. The mamul jirayat rate too is distinctly high, being Re. 1-7-0 per bigha.

The imposition of survey rates will operate most unfairly and would perhaps even result in the relinquishment of jirayat land. On the other hand motasthal land would receive enormous concessions which it does not really require. The high assessment is usually recovered without difficulty.

I therefore consider that no equitable method of assessment can be adopted unless a special rate is imposed on motasthal as was the practice in Original Settlements of alienated villages ap to 1885-86.

To secure the present revenue with a jirayat maximum rate of Re. 1-14-0 like that of adjoining Government villages it would be necessary to impose a special motasthal maximum rate of Rs. 7-6-0. There is no prevedent for a rate at all approaching this. The jahagirdár on the other hand would not consent to any reduction of his present revenue.

I feel therefore unable to suggest any equitable solution of the difficulty other than this.
63. Akolner.-This is a large viliage 10 miles south-west of Nagar The road from Akolner to Kedgaon is decidedly rough in places (about 7 miles) but is not so bad as to impede cart trafice seriously.

A station for passengers only has been opened at Akolner on the G. I. P. Railway but it is not much used. It hardly affects the economic condition of the village.

The village in the past has been much mismanaged and considerable arrears have accumulated since $1896-97$. The total outstanding in the accounts is Rs. 35,961 but only Rs. 7,470 relates to the last 6 years.

The
The settlement is now to be introduced for the first time. The survey operations were carried out in 1911-12.

The assessment worked out by proportion from the classification annas on a rupee one basis comes to Rs. 3,875 on oecupied and unocoupied cultivable land.

In 1911-42 the area of land nominally unoccupied was 3,612 acres assessed at Rs. 1,560. This area is however misleading as it was the practice of the late jahagirdár to give out land on oral or written tenancy for one year at a time retaning the numbers as assessed waste in his village papers. The assessed waste at present standing amounts to 627 bighas with mamul assessment of Rs. 707.

The rates at present in force in the village are extremely high, being Rs. 4-5-0 and Rs. 2-2-6 per bigha of bagayat and Re. 0-15-3 for jirayat. These

$$
\text { ㅍ } 480-6
$$

rates are levied irrespective of the quality of the soil. The jahagirddr gives a certain remission at his discretion on most khatas amounting to about 16 per cent.

Thus the demand of land revenue exclusive of judi oame to Re. 9,056 in 1914-15. From this remission of Rs. 1,557 is deducted, leaving a net demand. of Rs. 8,399. This amount is recovered in full both in 1914-15 and 1916-10.

The imposition of a maximum rate of Re. 1-14-0 would give a revenue of Rs. 7,329 exclusive of judi but inolusive of assessment on waste land. This waste land is now not important.

There"is in addition 272 'acres of patasthal land whioh would bring in say" Rs. 500 exclusive of water-cess.

I think that on the whole a special maximum rate of Rs. 2 would meet the case. This would give a revenue of approximately R.s. 8,318 exclusive of water-cess. The jahagirdar would no doubt agree to this as the water-oess would more than cover the slight deficiency. This proposal is made on the supposition that no speoial rate for bagayat would be approved.
64. Motasthal Bagayat in unsettled villages.-The introduction of the settlement into some villages is difficult owing to the very high rates which are levied on bagayat. Thus in Takli Kazi the rate imposed and levied is Rs. 4-12-9 per bigha. The bigha being taken as equivalent to 30 gunthas, this rate comes to Rs. 6-6-4, per acre. The introduction of survey rates will result in the reduction of the assessment on bagayat to little more than onefourth of these rates. On the other hand jirayat rates will be raised in order to make up the difference. In Nagar Devle the large proportion of bagayat makes it impossible to propose any reasonable-maximum xate.

The reduction of assessment on bagayat is undoubtedly opposed to common sense. In the earlier settlements of alienated villages made long after the passing of the Land Revenue Code it was the praotioe to impose a special rate on bagayat. Thus in the case of Pimpalgaon Ujiani, Chas, Kedgaon and Karanji settled in 1884-86 a rate of Rs. 3 was applied to bagayat while the jirayat maximum rates were Re. 1-10-0 and Re. 1-8-0. . In his report No. 585 , dated 24 th April 1884, on the three last villages, Colonel Laughton writes:-"The motasthal land has been. worked out on the usual three rapees soale applied to inám villages surveyed for the first time."

I do ntot find any examples of this practice later than 1885-86. Two questions therefore arise now-
(1) whether the motasthal at present assessed under the Rs. 3 scale is to be worked out on the ordinary dry crop rate at the lst Revision, and
(2) whether in the case of villages now being surveyed for the first time it will be permissible to work out motasthal assessment on the Rs. 3 scale.
I see no objection to the former question being answered in the affirmative.
As regards the second point I am in favour- of a special rate for bagayat where it forms an important part of the village revenue. In Akolner a jirayat maximum rate of Re. 1-14-0 and a bagayat rate of Rs. 3 would yield approximately the same as a general rate of Rs. 2 and would be more equitable. I calculate the assessment to be Rs. 8,229 on this method as against Rs. 8,318 .

I offer this suggestion only tentatively in the case of Akolner as it is possible to secure the jahagirdar from loss by imposing a.maximum rate only a trifle higher than that of adjoining Government villages. I have accordingly made my calculations on a proposed Rs. 2 maximum rate for jirayat and bagayat alike.

But in the case of Nagar Devle I have pointed out that it is impossible to introduce an equitable settlement on strict survey practice. I admit that it is inconvenient to depart from the principles followed in all recent settlements
merely in order to obtain a certain revenue. Logically we should not limit the special bagayat rate to Nagar Devle bat should apply it to all villages where high bagayat rates exist. But I prefer to depart from the accepted principles only when there is no possible alternative. It is therefore only in Nagar Devle and Takli Kazi that I propose special measures.
65. Patasthal. - The treatment of patasthal in the inám villages of this taluka is a point of difficulty. The patasthal assessment in all but two of the Government villages in the taluka has been abolished by Government Resolution No. 6257, dated 29th June 1909, as it is rightly held to be precarious.

The orders of Government contained in Government Resolution No. 11926, dated 11th November 1915, do not permit this course to be adopted . in the case of inám villages.

The patasthal water-cess is found in the following villages:-

| Village. |  |  |  | Water-cess |
| :---: | :---: | :---: | :---: | :---: |
| Devgaon ... | ... | $\ldots$ | . | 75 |
| Nimblak ... | . -6 | ... | ... | 21 |
| Walki ... | -•* | $\cdots$ | ... | 157 |
| Ambilvadi ... | ... | .-. | $\cdots$ | 2 |
| Pimpalgaon Ujjani. | .... | ... | ... | 169 |
| Sonevadi ... | $\cdots$ | ... | ... | 500 |
| Chas | ... | . | $\cdots$ | 420 |
| Akolner - ... | ... | $\cdots$ | ... | Not fixed. |

All the bandharas are kaccha. There is not one village in which the pats are reliable. They flow of course in abnormal years like the present (1915-16) so that it is impossible to make any deduction as to the true value of the pats from this year's observation.

The villages Devgaon, Nimblak, Valki and Ambilvadi, into which the 1st Revision Settlement has been introduced, had no kayam patasthal at the Original Survey. As I bave elsewhere remarked, the 1st Revision Settlement followed years of good rainfall, viz., 1882, $21 \cdot 60$ inohes, $1883,40.56$ inches. The rainfall of 1882 was not quite equal to the average at Nagar itself, but in all the surrounding talukas it exceeded the average by from 3 to 6 inches." It is therefore probable that the outlying villages of Nagar Taluka also had more than the average rainfall. In 1883 the rainfall was abnormally heavy. This fact accounta for the imposition of water-cess at the 1st Revision. Mr. Hey was strongly of opinion that there is no patasthal in any inam village which is worth retaining. It is no doubt true that the levy of water-cess (with rare remission) in years when there is no water is unfair to the occupant: the only remedy is to get the inámdar's consent to regular remission.

I will now iscuss the patasthal in detail.
66. Devgaon, Pimpalgaon Ujjani.-The pats here are practically nonexistent except in years of abnormal rainfall. In Devgaon especially the patasthal does not deserve the name. Dergaon patasthal was classed along with Government villages after the good rainfall of 1882 and the deluge of 1883. The collection of patasthal cess in this village has been especially burdensome and resented by the cultivators.

Pimpalgaon Ujjani wasjsurveyed in 1884-85. The rainfall of 1884 was .22.74, but $18 \cdot 72$ inohes of this fell after 1st A.ugust, thus swelling the pats.

The patasthal ares is 75 acres "irrigated," as the Superintendent writes, "from streams which flow for a few months after the rains."
[t would not, I think, be contrary to the orders of Government to abolish the patasthal cess entirely in both these villages." It is not merely that the pats are precarious but that they are non-existent in the ordinary sense. If in years of very heavy rain the cultivator manages to piok up some water for his early rabi arops he may fairly be charged an occasional rate but it is unfair to oharge him every year for the benefit which he gets once or twice in 10 years. I therefore propose to abolish the rate in these two villages.
67. Ambilvadi.-In this village there is an insignificant area of 31 gunthas of so-called patasthal with a water-cess of Rs. 2. It is diffieult to understand how this area came to be classed as permanent patasthal. A small nala was dammed for the first time in the year of the setflement. It does not appear to have been dammed since. The pat does not exist. The olassitication was certainly wrong and I propose to abolish the patasthal.
68. Nimblak.-It is evident from the instance of Ambilradi that the Survey Department classed as permanent patasthal every field which was ever irrigated by flow. This naturally strengthens one's argument in recommending changes. In Nimblak a bandhara was found to supply water to 2 numbers (8 acres). But it is extremely doubtful whether this is correct. The crop grown was bajiri only in the 3 years preceding the classification. I propose to abolish the permanent water-cess in this village.
69. Chas.-There is a large area ( 178 aores) bearing patasthal cess. As this area was found after the good years 1882 and 1883 there is a priori ground for expecting to find the area excessive. From actual inspection Mr. Hey was of opinion that not half the survey numbers assessed under patasthal were ever irrigated. He found that in 1914-15 only 57 numbers out of 141 patasthal numbers were receiving water in that year. But this was due partly to negligence on the part of cultivators who did not put up all the dams although there was water in the stream.

No doubt the area assessed as patasthal is excessive but it is difficult to draw the line if any numbers are to be re-classed.

I see nothing for it but to retain the area as at present.
70. Valki.-In this village there is a considerable area of patasthal (109 acres) which is with some justice so elassed. It is of course precarious like all patastīal in Nagar Táluka but I am not prepared to recommend any hange.
71. Sonevadi.-There are 166 acres under patasthal here. The rate of assessment is the same as for all patasthal in this talluka, viz., a consolidated rate of Rs. 8. The field operations were carried out in 1898-99. The rainfall in the 3 preceding years was-

|  |  |  |  | Inches. |
| :---: | :---: | :---: | :---: | :---: |
| 1896 | $\ldots$ | $\ldots$ | $\ldots$ | 19.68 |
| 1897 | $\ldots$ | $\ldots$ | $\ldots$ | 18.23 |
| 1898 | $\ldots$ | $\ldots$ | $\ldots$ | 14.78 |

It is, therefore, clear that the patasthal area was not overestimated owing to the rainfall being above the normal.

In the present year (1915-16) which is one of abnormally heary rainfall the pats are of course flowing but this is no indication.

However in view of the orders of Government contained in Government Resolution No. 11926, dated 11th November 1915, that the concession to precarious tracts does not extend to alienated villages, I have no changes to propose in this village::
72. Akolner.-This village has been recently surveyed, 10 bandharas were assessed as kayam patasthal. The area irrigated is 272 acres out of whioh 183 sores are irrigated by wells in addition. The classification was made in 1911. The rainfall of 1410 was 37 . 11 inches so that the classers gaw the patasthal at its best. I am not prepared to quarrel with this classification which was made after the patasthal question had come prominently to notice. I propose to retain the water cess at the same rate as for other villages in the táluka.
73. Patasthal rates.-All patasthal in this trluka is rated under a consolidated scale starting at Rs. 8 for 1st class water and 16 anna soil.

In view of the generally poor quality of the irrigation and the fact that all the bendharas are kachha I do not think that any enhancement is justified. It
is notorious that inámdars collect the patasthal cess without hesitation whether water flows or not. Until there is absolute security that remissions will be given when the water fails, any enhancement would be rewarding the dumatdars without any justification.
74. Conclusion.-I recommend that the rates as finally sanctioned may be guaranteed to expire at the same timo as these in Guvernment villages of the Nagar Táluka.

I havéthe honour to be,
$\mathrm{Sir}_{2}$
Your most obedient servant,

> J. H. GARRETT,

Assistant Settlement Officer, Western Tálukas, Ahmednagar.

APRENDIX A
Statement showing Rainfall recorded at Nagar，Dutrict dimednajar， for the years 1905－1915．

| Yoar | Ear＇s rain （Int Janumry to 10th april）． |  | Ante Milmsoon （ilth April to <br>  |  | Monficon Ebartit （sth June to 1sth Augrast）． |  | Monsion Rabl （15th Aurust to Ellat Oatolver） |  | Late raina （22ma Oetober to S1st Decomber）． |  | Total． |  | Reumarhe |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Foul． | Rainy days． | Foll | Ralny days | rat． | $\begin{aligned} & \text { Rafny } \\ & \text { days. } \end{aligned}$ | Fall． | $\begin{aligned} & \text { Rainy } \\ & \text { dayaz } \end{aligned}$ | Fall | Enaity days． | Fan， | Ratwy days |  |
|  | Inches | No． | Incher | No | Inohea， | No | Inchass | No． | Inohas． | No． | Inches． | Nom |  |
| 1905 －．＇ |  | ＊＊ | aob |  | 8－4 | 14 | $4 \cdot 4$ | s | 172 | － 8 | 1884 | 34 |  |
| 1908 ．．． | 035 | 1 | 004 | $\cdots$ | 971 | 19 | $8 \cdot 03$ | 14 | 259 | 1 | 80 | 38 |  |
| 1007 | 028 | 1 | 171 | 6 | 417 | al | 9 \％ | 0 | 0.08 | $\cdots$ | 1718 | 4 | 7 |
| 1908 ．．． | 030 | 1 | $\cdots$ | $\cdots$ | 892 | 10 | 1818 | 13 | 098 | 3 | 8181 | 88 | 號 |
| 1909 | 0 \％ | 1 | 807 | 0 | $48 \%$ | 8 | 2588 | 15 | 009 | $\cdots$ | 2847 | 80 | \％ |
| 1910 | ．．． | － | 0 68 | 2 | 1568 | 19 | 16 d | 21 | 430 | 4 | 87 LI | 40 | z |
| 1918 | 007 |  | 357 | 1 | 128 | 17 | 229 | 4 | 189 | 6 | 174 | 27 | 路 |
| 1918 | ．．． | ＊＊ | 078 | 1 | $4 \%$ | 13 | 279 | 8 | 17 | 4 | 1008 | 28 | $\frac{7}{4}$ |
| 1919 |  |  | 004 | $s$ | 2000 | 18 | 80e | 10 | 085 | 3 | 8377 | 89 | 安 |
| $2 \mathrm{Pl4}$－－ | … | － | 078 | 3 | $0 \cdot 38$ | 17 | 781 | 14 | 1 日6 | 2 | 1370 | 88 | $\ddagger$ |
| 1915 | 0.8 | 2 | 434 | 6 | 14.14 | 20 | 1008 | 18 | 977 | 3 | 888 | 48 |  |
| Strerage | $0 \cdot 20$ | 1 | $1 \times 34$ | 2 | 10 始 | 16 | 873 | 18 | $1 \cdot 60$ | 8 | 9200 | 3 |  |

1905.-Rain during the year was much below the average. There was light rann in the ante monsoon period. Monwoon set in early in Jnos but geaeral sowing rain was not recerved tall at the end of the month. Sownug was ontinued in July except in Parner where the fall was manficient The fall in Angust was inadequate oxcept in Akols and the crops began to suffer The rain in Soptember was agatn deferent and the break haviug prolonged tog
 almost raínless. Season on the whole was rery poor

1906-Ereept at Akols the total ran of the year was in excess of the average Ante monacon rain was procticaliy absent The usanal sowing ran commenced early in June and khanf sowng startod everywhere It was continued and completed in Jaly under favourable rain The seedings were in good condation. They were favoured by good rain in Angust and the crops promased well It slso enubled rabi sowng to be uadertaten in places But and ratio sowng was checked The November fall was partial and slight rain an. December helped bot litila. Tho season on the whole was fair for khenf and poor for rabi.

1907 -The year's rain was in excess of the avernge at Pamer and Akola; at Nagar it was in defent of it. Farily heavy ran fell in the ante monsoon penod and it was neful for preparation of land. The monsoon begra rathar late in June The fall being inadeqnate kharif sowng commenced ouly ia paces. july raim was fsvourable for the completion of kharif eowings and the geedlage were is pood condition The angest fall farther helpea them But September rala was sranty and band reeaved only in the lat week the atanding crops suffered October openad with very light rain and November was practically dry Rabi sowing was re

1908 -Except at Parner the rain during the year was olightly in excess of the average. Ante monsoon rain was absent Begular monsoon opened timely in Juac bat the fall being insufficient kharif cowing was oonfined to moist places only In July the fall was light and ecattered sad general kbarif eowing was retarded. Augast rain was metun deficient and the crops where germuated grew stanted. Good rain in September was beneficial to the aurviring kharit crops and gave rabi s good atart aud large areas were pat under these cropg In October rann celi in tha mand fell in November or Decomber Ribu crops on hght sonl suffered. Suason on the whole was poor to farr

1009 -The rain daring the year esceeded the averaze except at Parier The ante monsoon rain was good and nseful for preparation of land The monsoon set an eariy in Jnne saffordugg affiosent musture tor khanf sowngs which progreased everywhere. They were completed in July thongh the fall in this month was below the bverage.
 month was below the recuurements Thoseedhags were doing well November was rainless and the December finll was hght and partral. Rabi crope required more rain for theur propar development. Season on the whole wras farly good for kbarif and poor to fask for rabi cxops.
1910.-The total full was much shove the average. There was light rain in sute monsoon perfod. Regular monsoon opened tumely in June and kharif nowing was commenced except in Akola where it was retarded owing to
 But heavy rain at the ond of Aagust and in September proved injurions to these crops tarning them yellow in pluces Lands were ready for rabli oultivation bat soming was retarded for want of a break. In October rain fell in firsticend lust weeks affecting cotion bat wae uatal for rabi gowings which were pashed on. The xabl erops were favoured its November with useful rain December was dry The rabi prospects were hght but a severe froot lates on in the season prejudicially affected thour yreld Season on the whole was midding.

1011 -Rain daring the year was ahort of the aperago. Ante monsoon rain was fairly good. The monsoon aet un early in June and the fall being rosufficient kharif sowing wes confinud to monst places, July san exceeded the average and facilitated the retarded kharif sowng The eeedlings were favoured by usefal rain in August and

 Deoember though more was badly wanted for the growth of raibs seedling seamon on the whole was very poor.

1912 -Except at Akola the total fall was in defect of the average Anta monsoon rain was light. The mofasoon commenced in the gectond week of Jume and the fall being inglequate kharit sowng was confined to ught son. July rame was general and usoful for the completion of kbanf sommga. The fall in August boing scanty tha seedlinge began to suffer, except in Akole where they Fere farr. September sain did not improve the situation as the fail of the month wae only a few centa and kharff crops further deteriorated. Rabi sowing was also delayed. Octaber rava was "extraordinarily partial"; rabi sowing was atarted in places but more rain was required to push them on. Rain it wes badly
1919.-Rain during the year was in axceas of the average axcept at Parner. Fairly good rain fell in the ante monacon period. The monsoon opened thmely in June and the fall was sufficient for kharf sownaga which were in hulping growth of scoulinga. The fall in August though below requrements was general and beneficial to the sinnding orops. They were further favoured by wesuonable rain in Septerobar. Thas riln also indnced raba sownge for which, however, more rain was needed The fall mo October was favonrable for rabi sowing and the seedlinga were gemeraliy in far condtiton. There spas no ravin in November or December though rabi crops requirad it for proper depelopineat The season on tise mhole was faurly good.

1014-The total fall of the year exceeded the average at Parner and Akola sind was balow it at Ahmednagsr. Ante monsoon rain was light end partial. Monsoon opened timely 10 Jane and the khorif towng was atarted everywhere. It wat completed in July auder farourable ram and the eeedings were in good condition. August rain was upto requirementa. The fall in September was almost contmuous Fhich threatened damage to the standang otops in parts of Parner and Akols. It however gave a grod atart for rabi sowing wheh was completted in Oatober and the etanding crops throve well. November ran wae benehoial and December was raidegs. Rabi oropa continued to be in
good nondition. The agason on the whole was good.
1918. -The total fall of the year was mach over the average Ante mongoon ra:p was useful for the praparation of the land Regolar monocon opened ta tho third week of June and the fall bang benofoial kharif sowng was ratarded in places and transplantation commonoed in Akole. Light scattered rann was recuircil in August which was quate inadequate gud the ataudiag cropa began to wither in parts of Nagar and Parner. Rumer however came io Suprember a hea the fall was gezeral conanderably above cha arerage gad sumewhat axcossive in places, It reviped tha kharif crope and onabled rabi sowng bsing atarted but the lativr was retardod oring to aubsequent continnous rawn. It wes rearued nuder favourable ran m October and was completed in November. The rabi prospects were good. Some nsefal raun full in'Degember and the orops throve well. Season on the whole was good.
(Signed) K. H. GOKHALR,
For Director of Agriculture.
Details of cullination and eroga in the Governmont villa,

B.
of the Nagar Taluka of the Ahmednagar Collectorate.


APPENDIX Bx,
Showing area (in acres) irrigated from different sources of irrigation and acreage of orops grown umder them in Government and Inam villages en Nagar Táluka of Ahmednagar District during the years 1909-10 to 1918-1


APPENDIX C.
Statement showing the villages in which the principal weekly Bazars are held in the Nagar Ialuka of the Almednagar Collectorate.


APPENDIX B1.
Showing area (in acres) irrigated from different gources of irrigation and acreage of erops grows undar them in Government and Inam villages in Nagar Tailuka of Ahmednagar Dietrict during the years 1903-10 to 1919-14.


APRENDIX C.
Statement showing the willages is which the princinal soeeldy Basard are held in the Nagar 1 àluka of the Almednagar Collectorate.


APPENDIX C-continwed.


APPENDIX $D$.
Detail of population according to occupation by percentages, zn the Nagar Taluka. ( $\mathrm{As}_{3}$ per the Impernal Censna of 1011)

| Agrioultural popaintion. |  |  |  |  |  |  |  |  | Non-agricuitaral popalation. * |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Having faterest in land. |  |  |  |  | Labourers. |  |  | Total agriculfurat poputation. | Crafte | Traskilled babour, | Others. | Total not-agrient-anil population. |
|  | Land occapenta coltivating. | $\begin{gathered} \text { Teranats } \\ \text { shard } \\ \text { chitavating } \end{gathered}$ | Others, | Totsl. | Farmanta | Fielt labourers and oryp watelkers ratekera | Total. |  |  |  |  |  |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 13 | 13 |
| $\begin{array}{lll}\text { Prpoistion } & \text {.. } & - \\ \text { Persentager } & \text {.. } & \text {-- }\end{array}$ | 1855 1.4 | $\begin{array}{r} 36,240 \\ 281 \end{array}$ | 274 0.2 | 88,378 887 | $\square$ | [-21,459 | $\square$ | 69,418 960 | 34,919 270 | 1,881 18 | 33,188 257 $\times$ | 69,641 510 |

APPENDIX E.
Detail of population according to religion and education in the Nagar Taluka.

| Bax. | AsperItriperial census of 1012. | $\left\lvert\, \begin{aligned} & \text { Pexcentage } \\ & \text { on botul } \\ & \text { population } \\ & \text { abpe to read } \\ & \text { or learasag } \end{aligned}\right.$ | Ealigion |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Hindu eastea |  |  |  |  |  |  | Mrealmán eecte |  | Chris tiabs. | Parseas. | Others. |
|  |  |  | Bramide. | Konbi. | Mahar. | Mall | Maratha | Elail | Others. | Sheath. | Others. |  |  |  |
| Mulea | 66,554 | 167 | 3,632 | 7 7068 | 6,561 | 3,256 | 16,048 | 8,297 | 18,117 | 3,730 | 1,1991 | 8,697 | 106 | 1,2*7 |
| Feralos | 02,65s | $2 \times 8$ | 8,408 | 8,342 | 6,899 | 3,548 | 14,304 | 2,899 | 15,044 | $8+93$ | 1,568 | 8,393 | 107 | 2111 |
| Total | 1,20,109 | 98 | 7,192 | 15,408 | 11,450 | 6,504 | 29,347 | 5,608 | 34,761 | 2,813 | 8,549 | 5,019 | 213 | 2.389 |

$\triangle P P E N D I X$ F.
Statement showing the agricultural stock of the Government onllages in the Nagar táluka of the Ahmednagar Collectorate during the year 1909-10 and 1715.


APPENDIX $\mathbf{G}^{1 .}$
Statement showing shops, imduatries, ete., in the 191 villages of the Nagar Mähka, Ahnnednagar District.


APPENDIX H.
Statoment of Schools together with their avetage attendance for.


APPENDIX J.
Statement showing Wells, Budkis, Tanks and other sources of water-supply in Government villages in the Nagar Taluka of the Ahmednagar Collectorate for the year 1912-13.


Abstract.
Talaka.

APPENDIX J
Statement showing Wells, Budkit, Tanks and other sources of water-aupply in Inam villages of the Nagar Taluka of the Ahmednagar Collectorate for the yoar 1912-13.


Abstract.


APPENDIX K
Slatement showing the selling value of dry-crop lands in the villapes of the Nagar Taluka, Ahmedragar Distrist.

|  | Wame of vilisge, |  | 1885-88-120 1.05 , |  |  |  | 1805-00-1009-10. |  |  |  | 1910-11-1914-15. |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Area of lagd sold. | Assemament | Sale price. | Number of times the assest- menit re- pressented by the price. | $\begin{gathered} \text { Ares of } \\ \text { land } \\ \text { Bold. } \end{gathered}$ | Aspesse ment. | Sale price. | Mnmber of timeg the assess- ment re- presentad by the price: | Aren of lind eold. | Assessmant, | Sale prue. | Namber of times the assess ment re- presented by the price. |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Graup $x$. |  | asues | Bra | Rh. a. $\mathbf{p}$ |  | Acres. | Rs. an p. | Bf. ap |  | Acres. |  | g. a |  |  |
| 1 | Cbuhtronti Khard - | 1 | $\ldots$ | ...... | $\ldots$ | $\cdots$ | 8 | 880 | 30000 | 857 | 11 | $8{ }^{4} 0$ | - | 675 |  |
| 8 | maliwadá | I. | $\cdots$ | *** | -* | .. | $\cdots$ |  | *** | $\cdots$ | 7 | 800 | 40000 | 5000 |  |
| 4 | Naloghon | 1 | 97 | 4800 | 1,015 00 | 3071 | 44 | 60.00 | 1,425 00 | 2458 | 215 | 3800 | 9,320 00 | 9148 |  |
| 6 | kerechudá Nagar ... | I | $\cdots$ |  | "\% | ". | $\cdots$ | . | -* | - | 7 | 1000 | 32500 | 925 |  |
| - | Baingar | 1 | 43 | 1500 | - 00000 | 8060 | ¢ 8 | 4700 | 0,39500 | 138008 | 118 | 8780 | 3,870 000 | 573 |  |
| 7 | Bagroza | I | $\cdots$ | "** | -** | $\cdots$ | 1 | 10 c | 14000 | 14000 | ** | $\cdots$ | -6. | ** |  |
| 8 | Satvedi | 1 | 15 | g\% 00 | 68900 | 3495 | 64 | 30 80 | 1,11000 | 8838 | 62 | 1780 | 960 0 | 2057 |  |
| 9 | Bolhegion m | 1 | 118 | 0500 | 1,931 0 | 14, 01 | $\cdots$ |  | .... | $\cdots$ | 102 | 8700 | 3,054 00 | 351 |  |
| 10 | Kápurwadi .-. | $\underline{1}$ | 50 | 8180 | 44900 | 1 199 | 80 | 4100 | 1,365 0 or | 8320 | 243 | 10800 | 3,376 | 3184 |  |
| 11 | Darewhd | $I$ | 8 | 1000 | 250 | 2500 | 23 | 1700 | 43500 | 2558 | 32 | 3700 | 1,175 000 | 4361 |  |
| 18 | Wakadi | I | 1 | 280 | 2500 | 200 | 21 | 2700 | 1,803 000 | 4814 | 61 | 0000 | 1,775 00 | 2968 |  |
| 18 | Barndgaon | I | 48 | 400 | 35000 | 731 | 33 | $\begin{array}{llll}57 & 8 & 0\end{array}$ | 1,225 00 | 326 | 6 | 800 | $25^{5} 50$ | 3637 |  |
| 14 | Gasimbinit | 1 | 13 | 1000 | 23780 | 1434 | 10 | 580 | 35000 | 6363 | * | "* |  | $\cdots$ |  |
| 15 | Sheribhistbig | I | 8 | 40 | $\begin{array}{llll}95 & 0 & 0\end{array}$ | 7575 | 5 | 700 | 12500 | $17 \times 85$ |  | $\cdots$ | man | $\cdots$ |  |
| 37 | Pothardi | I | 8 | 500 | 15000 | 3000 | 12 | 380 | 5000 | 1498 | 18 | - 80 | 9000 | 6561 |  |
| 48 | Shabipur | I | $\cdots$ | - | m ${ }^{\text {- }}$ | $\cdots$ | 81 | ${ }^{36}$ \% $\quad 80$ | 1,285 00 | 3465 | 61 | 2100 | 7250 | 3452 |  |
| 19 | Ninlodi | I | 832 | 10100 | 1,429 00 | 1505 | 183 | 8100 | 2,860 000 | 3343 | 165 | 9000 | 2,228 00 | 24*58 |  |
| 20 | Padampur ... | I | 29 | 3200 | 34900 | 778 | 15 | 1501 | 23500 | 156 | 83 | 1700 | 8590 | 1580 |  |
| 21 | Vanjul! | 1 | 61 | 1000 | 30000 | 3005 | 22 | 0 | 20000 | 333 | 87 | 2300 | 1,443 00 | 49085 |  |
| 89 | Khospual | I | 184 | 4380 | 1,255 0 of | ${ }^{28} 85$ | 11 | 280 | 10000 | 4000 | 63 | 2000 | 1,460 00 | $809 \pm$ |  |
| 28 | Póngarmal - | r | 28 | 1880 | 1,350 0 | 0768 | 19 | 600 | 50000 | 533 | 32 | 1300 | 1,550 00 | 11922 |  |
| 24 | Majte Ohinoholl ... | 1 | 5 | 20 | 430 | 8100 | 14 | 080 | 70000 | 7388 | 18 | 1280 | 1,775 0 of | 12800 |  |
| 25 | Stral | I | 43 | 1180 | 22000 | 19.91 | 116 | 5100 | 1,838 000 | 3000 | 197 | 7100 | 380750 | $56 \% 8$ |  |
| 28 | Udermal ... | $\mathbf{I}$ | 15 | 58 | 5100 | 89-81 | 9 | 68 | 70000 | 10700 | 85 | 800 | 1,403 00 | 17600 |  |
| 27 | Chichondı BIral | I | 42 | 2500 | 63000 | 23491 | 9 | 400 | \$0000 | 6000 | 81 | $4{ }_{4} 5$ | 2,9000 00 | 6516 |  |
| 28 | Eolhár | $\pm$ | 10 | 300 | 7980 | 11400 | 7 | 200 | 97500 | 4875 | 10 | 500 | 1,975 0 of | 905\%0日 |  |
| 29 | Lohosar | 1 | 20 | 120 | 4000 | $33 \cdot 3$ | 14 | $5{ }_{5}^{1} 80$ | 33500 | 6872 | 23 | 1100 | S91 1 | 7489 |  |
| 80 | Ebhudgron .... | I | 17 | 1400 | 2000 | $14 \% 93$ | 29 | 2300 | 85000 | 808a | 14 | 1100 | 4000.0 | 38*33 |  |
| 91 | Bbose | I | 12 | 60 | 50 | 83 | 8 | 680 | 31000 | 46.15 | 12 | 900 | 890 | 393 |  |
| 82 |  | I | 62 | 1600 | 6170 | 8886 | 11 | 0 | 48000 | 10825 | 19 | 500 | 358 | 7078 |  |
| 88 | Kandgaoz .. | 1 | sL | 1380 | 33500 | 2107 | 52 | 23800 | 1,025 00 | 4463 | 48 | 20. | 80000 | $38 \cdot 38$ |  |
| 84 | Gunjale | 1 | 13 | 880 | 80000 | 85-29 | 4) | 2280 | 97500 | 433 | 58 | 1280 | (\%) 0 | 2312 |  |
| 95 | Dongargan - . | 1 | $\cdots$ |  | ..1 ${ }^{\text {- }}$ | $\cdots$ | 42 | 15000 | 26500 | 178 | 93 | 8100 | 3,0t9 0 Of | 4940 |  |
| 86 | Cuajar Sambhic .m | I | 25 | 130 | 8480 of | $2{ }^{3} 8$ | 45 | 340 | S99000 | 37 is | 24 | 1100 | 59900 | 4900 |  |
| 87 | bengre | $I$ | 3 | 200 | 200 | 1000 | 37 | 3700 | 2,000 00 | 9703 | 47 | 1900 | 517 00 | 315 |  |
| 93 | Ismailpar ... | 1 | 33 | 2400 | 440 | 287 | $\cdots$ |  | , | -* | 3 | 300 | 15) 00 | 6000 |  |
| 30 | Dehere | I | 17 | 1000 | 250 | 25.00 | 47 | ${ }_{5}^{5} 00$ | 80000 | 2600 | 73 | 9300 | 1,005 0 or | 287 |  |
| 40 | Vilad | I | $\cdots$ |  |  |  | 150 | 24880 | 41900 | 18.39 | 67 | 1100 | 14000 | 1000 |  |
| 11 | Pimpalgann Malvi | $I$ | 65 | 48 | 88300 | 1378 | 3. | 4500 | 1, 33100 | $88 * 6$ | 58 | 6900 | 2.480 | 4318 |  |
| 4 | Jour | 1 | 127 | 5700 | 2,191 00 |  | 838 | 118 | 4 红 00 | 8554 | 215 | 13500 | 7, 2\% © of | 5787 |  |
| 43 | \$thuad | I | 69 | 3400 | 7450 | 21.91 | 65 | 1800 | 35000 | 19.4 | 97 | 50.0 | siz 0 | 174 |  |
| 4 | Vaisaun Gupt | 1 | 80 | 1800 | 000 | 2500 | 20 | 18880 | 67000 | 3633 | 63 | 69.0 | 1,974 00 | 38.45 |  |
| 45 | Nagripar - | 1 | e | - 00 | 3000 | 88 | 19 | 1600 | 3850 | 5031 | 72 | 5980 | 1,157 $0^{\circ} \mathrm{O}$ | 194 |  |
| 40 | Raujad | I | $\cdots$ |  | *-4.4 | *** | 11 | 700 | 16100 | $3 \mathrm{*} \times$ | 80 | 1400 | 4700 | 3357 |  |
| 4 | Histhan | I | ** | $\cdots$ | *-." | $\cdots$ | 67 | 2900 | 8500 | 2031 | - |  | - | $\cdots$ |  |
| 48 | Biferadl | I | 6 | 300 | 13000 | 4000 | 73 | 30000 | 720 00 | 5600 | 37 | 1100 | 70) 00 | 6363 |  |
| $\omega$ | Kbandit | I | ca | 40 | 880 | 900 | 65 | 11880 | 23300 | 90.0) | 4 | 1380 | 4az 0 or | 397 |  |
| 50 | Ratadgaon | I | 36 | 880 | 4750 | $2 \mathrm{c} \cdot 1$ | ** |  |  | $\cdots$ | $\rightarrow$ |  |  | -. |  |
| 3 | Mebekrt | I | $\cdots$ |  | ....0. | - | 7 | 800 | 85000 | 1093 | 105 | 3080 | 1,780 00 | 5538 |  |
| 68 | Pimpalgana Laudgat | 1 | 80 | 20 s 0 | 7260 | 3535 | 83 | 1s 0 of | 1sil - 0 | 1005 | 21 | 1000 | 23500 | $\underline{985}$ |  |

APPENDIX K-oontinned.


## APPENDIX K-continwed.



APPENDIX K ${ }^{2}$
Stolement showing the selling price of Garden lands in the villages of the Nagar Iadmana, $^{\prime}$ Ahmednagar District, during the last ten years.


APPENDIX K ${ }^{\mathbf{2}}$-contimued.


APPENDIX M.
Statement showing leases of dry-crop lands in the villages of the Nagar Tulwka, Ahmednagar District.


## APPENDIX M-continued.



APPENDIX M-concluded.

| Berisi No, in Appean dix $Q$. | Name of villige, | Area of land lessed | ${ }_{\text {Aseasamentio }}{ }^{\prime}$ | Rents, | Porcentage of rent reprbsented by the asessment: | $\underset{\text { maska }}{\text { Rem }}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 2 <br> 8 <br> 18 | INAM VLLIAGES. Growp No. $Y$. <br> Nimblak <br> Nandgéon" <br> Total of Group No. I .... <br> Average par acre ... <br> Growp No. II. <br> Ambilvadi <br> Grand Total <br> Average par were | A. g <br> 96  <br> 9 8 | $\begin{array}{rrr}\text { R. } & \text { utr } & \text { p. } \\ \text { 40 } & 0 & 0 \\ 1 & 8 & 0\end{array}$ | $\begin{array}{rrrr}\text { Re, } & \text { a } & \text { pu } \\ 77 & 0 & 0 \\ 8 & 0 & 0\end{array}$ | 5186 50.00 |  |
|  |  | 458 | 4180 | 80. 00 | 51.87 |  |
|  |  | $\cdots$ | 0147 | 1121 | ...... |  |
|  |  | * | No entry. | ...... | ....." |  |
|  |  | 458 | 4180 | 8000 | 51.87 |  |
|  |  | ...... | 0147 | 1121 | *-.". |  |

APPENDIX $\mathrm{M}^{1}$.
Statement dhowing leates of garden lands in the vilhages of tie Nagar Titiwka, 4 heedmagar District.


APPENDIX N.
Statement showing the prices provalent in the Nagar Thlwka from 1884 to 1915.


APPENDIX $\mathrm{O}^{1}$.
Changes in oecupied area for 95 Government villages of Táluka Nagar, Akmednagar District, suto volich the Revision Settlement was introduced in the year:


APPENDIX $0^{1}$.


## APPENDIX $0^{1}$.

Changes in occupied area for 2 Government villages ( 1 Ghospuri, 2 Sarole Kasar) of Táluka Nagar, Ahmednagar Destrict, into which the Revision Settlement was introduesd in the gear.

| Year, | Occupied Government land paying tull ssacsament. |  | Ungerupled seseegeed zultivable Governmext lend. |  | Lend, the revenee of whigh is aliganted entirely or partially. |  |  | Total land Govern ment ocoupied. unoccupred and Inam. |  | Bexurics |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Area | Asgecgment. | Area | Agbessmant. | Area. | Full nthrest mont | Quit reat. | Area | Assosk |  |
| 1 | 2 | 8 | $\checkmark$ | 5 | 6 | 7 | 8 | 9 | 10 | 12 |
|  | Acres. | Rs. | Acres. | Em | Acres. | Rr. | Res. | Acres, . | Re |  |
| 1688-6\% | $\cdots$ | $\cdots$ | " | " | $\cdots$ | ** | ** | .* | $\cdots$ |  |
| 1886 87 | 8,411 | 5,028 | 833 | 408 | 278 | 180 | 57 | 2,683 | 5,883 |  |
| 1887-83 | 8,031 | 5,369 | 206 | 189 | 278 | 180 | 57 | 9,605 | 5,731 |  |
| 1688.89 | 0,106 | 6,509 | $\cdots$ | ..." | 278 | 180 | ${ }_{6} 6$ | 0,384 | 5,859 |  |
| 1880.60 | 9,108 | 5,300 | $\cdots$ | *4. ${ }^{\text {. }}$ | 278 | 160 | 58 | 9,384 | 5,580 |  |
| 1890-81 | 0,106 | 6,309 | ${ }^{*} 58$ | 45 | 278 | 100 | 68 | 0,442 | 5,004 |  |
| 1801-82 | 8,10s | 5,889 | - 88 | 45 | 273 | 280 | 58 | 9,442 | 5,804 |  |
| 1882-08 | 8,100 | ¢,309 | ${ }^{80}$ | 45 | 278 | 160 | 58 | 9,442 | 5, $0_{54}$ |  |
| 1509-94 | 8200 | 6,389 | 68 | 45 | 275 | 158 | 58 | 9,489 | 5,002 |  |
| 18910.05 | 0,105 | 6,399 | 59 | 45 | 275 | 268 | $\triangle 8$ | 9,489 | 5,003 |  |
| 1896.90 | 8,108 | 6,380 | 88 | 45 | 278 | 159 | 58 | 9)es | 5,002 |  |
| 1803-67 | 0,106 | 5,309 | 68 | 45 | 276 | 258 | ${ }^{8} 8$ | 9,439 | 5.809 |  |
| 1897-89 | 0,100 | 5,889 | 58 | 45 | 275 | 258 | 68 | 9,439 | 5.802 |  |
| 1808.89 | 0,147 | 5,440 | 8 | 1 | 275 | 156 | 58 | 2,425 | 5,0\% |  |
| 1890-1900 | 8,147 | 6,446 | 8 | 2 | 27 | 258 | 58 | 9,425 | 5,805 |  |
| 1000-01 | 0,147 | 8,443 | 8 | 1 | 275 | 288 | 68. | 9,485 | 5,605 |  |
| 1801-08 | -0,147 | 8,443 | 8 | 2 | 275 | 258 | 58 | 9,485 | 5.805 |  |
| 1903-03 | 9,147 | 6,446 | 3 | 2 | 278 | 268 | 68 | 8,495 | 8,005 |  |
| 1903.04 | 9,47 | 5,446 | 3 | 1 | 276 | 258 | 68 | 0,425 | 5,005 |  |
| 100405 | 9,147 | 5,446 | 8 | 1 | 275 | 108 | 68 | 9,425 | 5,805 |  |
| 3905-06 | 0,147 | 8,446 | 8 | 1 | 275 | 158 | 68 | 0,426 | 5,805 |  |
| 1000-07 | 9,147 | 2,443 | 3 | 1 | 275 | 158 | 58 | 9,485 | $5,8.8{ }^{\prime \prime}$ |  |
| $1007-08$ | 0,147 | 5,418 | 3 | 2 | 275 | 188 | 68 | 9,425 | 5,608 |  |
| 1888-09 | 9,147 | 5,446 | 8 | 1 | 2\% | 158 | 58 | 2,425 | 5,005 |  |
| 1000.10 | 9,147 | 8,430 | 3 | 1 | 275 | 155 | 8 Fr | 0,425 | 8,585 |  |
| 1910-11 | 9,147 | 5,439 | 3 | 1 | 275 | 185 | 67 | 0,425 | 5,593 | - |
| 1911-12 | 0,147 | 5,430 | 3 | 1 | 275 | 266 | 67 | 0,425 | 6,596 |  |
| 1912-18 | 8,118 | 8,407 | 34 | 84 | 278 | 154 | 57 | 0,425 | 6,505 |  |
| 1913-14 | 8.180 | 5,421 | 98 | 83 | 275 | 155 | 57 | 9,438 | 5,600 |  |
| 1014-56 | 0.134 | 8,480 | 24 | 25 | 275 | 145 | ${ }^{6} 7$ | 8,438 | 5,609 |  |

APPENDIX $0^{1}$.
Changes in occupied area for two Government rillages (1 Ghanegaon, i Sujalpur) of Tálwka Nagar, Ahmednagar District, into which the Revision Seltlement was introduced in the year.


## APPENDIX $0^{1}$.

Changes in occupied areà for intom village Babardi-ghumat of táluka Nagar, Ahmednagar Listrict, into which the Revision Settlement was introduced an the year 1884-85.

| Year | Occapied Govarnment land paynng full ratoemment. |  | Unoecapied caseased cultivsble Government land. |  | Land the revenae of which is aliensted entirely or parially. |  |  | Total land, Government occupled, unoccupied and unaxu |  | Remarls, |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Ares. | Assegament. | Ares, | Assessments. | Area, | Frill magebiment. | Quitrent. | Area. | Assegsment (full). |  |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 111 |
|  | Acres. | Rs | Acres. | Rs 。 | - Acres. | Rs. | Brs. | Acrea. | $\mathbf{R e}^{\text {, }}$ |  |
| 1884-85 to 1888 | * | ** |  | rmation | f n not | available. | $\cdots$ | ** | ** |  |
| 1889-80 | 1,717 | 1,044 | 175 | 117 | 87 | 30 | 9 | 1,989 | 1,191 |  |
| 3890-91 ... | 1,780 | - 1,089 | 112 | 72 | 37 | 30 | 8 | 1,929 | 1,191 |  |
| 18.1.82 | 1,780 | 1,089 | 112 | 72 | 87 | 30 | 9 | 1,029 | 1,191 |  |
| 1892-93 | 1,7e8 | 1,098 | 98 | 63 | 87 | 80 | 9 | 1,928 | 1,191 |  |
| 1893-94 | 1,891 | 1,161 | *** | $\cdots$ | 87 | 80 | 9 | 1,928 | 1,191 |  |
| 1894.95 to $1895-$ 96. | - | $\cdots$ | Info | rmation | is not | avaiable | $\cdots$ | ** | ** |  |
| 1696-97 -.. | 1,891 | 1,161 | $\cdots$ | -* | 37 | 80 | 0 | 1,928 | 1,191 |  |
| 1897-98 ... | 1,891 | 1,161 | .. | ** | 97 | 80 | 9 | 2,928 | 1,191 |  |
| 1898-99 | 1,891 | 1,161 | $\cdots$ | ** | 87 | 30 | 8 | 1,928 | 1,181 |  |
| 1899.1900 | 1,391 | 1,161 | ** | -•* | 37 | 80 | 8 | 1,928 | 1,191 |  |
| 1900-01 | 1,891 | 1,161 | a* | ** | 87 | 80 | 9 | 1,928 | 1,191 |  |
| 1901-02 | 1,891 | 1,161 | -** | * | 87 | 30 | 9 | 1,928 | 1,191 |  |
| 1902-08 | 1,891 | 1,161 | ** | ** | 87 | 30 | 9 | 1,928 | 1,191 |  |
| 1903-04 | $\cdots$ | $14 *$ | Itafo | rmation | is not | available | $\cdots$ | - | ** |  |
| 1504-06 | 1,881 | 1,161 | *** | ..* | 37 | 30 | 9 | 1,928 | 1,191 |  |
| 1905-06 | 1,891 | 1,161 | *** | ** | 87 | 30 | 9 | 1,928 | 1,191 |  |
| 190607 | 1,891 | 1,101 | ** | $\cdots$ | 37 | 80 | 9 | 1,928 | 1,191 |  |
| 1007-08 | 1,891 | 1,161 | *** | $\cdots$ | 87 | 30 | 9 | 1,928 | 1,191 |  |
| 1809-09 | 1,591 | 2,161 | ** | ** | 37 | 80 | 9 | 1,928 | 1,191 |  |
| 1909-10 | 1,891 | 1,161 | ** | ** | 37 | 30 | 9 | 1,828 | 1,191 |  |
| 1910.11 to 1913 14. | ** | $\cdots$ |  | rmation | in not | avalable | -. 4 | *** | -* |  |

APPENDIX O.
Changes in occuprea area for indm village Nimbalat of taluka Nagar, Ahmednagar - District, inta which the Revision Settlement was ntrodwced in the year 1884-85.

| Year. | $\begin{gathered} \text { Occupird } \\ \text { Government land } \\ \text { Pang } \\ \text { full assegsiment. } \end{gathered}$ |  | UnocoupedBaseseedcoltivableGoverament land |  | Land the revenue of which is or partianly. |  |  | Tital land, Goverument ocoupied, uncocupied and raba |  | Remarkat. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Arom | Aвяеввment. | Aroen | $\begin{gathered} \text { Ane8esese } \\ \text { ment. } \end{gathered}$ | Arcaan | $\underset{\substack{\text { Rusuese } \\ \text { ment }}}{\text { ment }}$ | Quit- rent. | Area, | $\begin{gathered} \text { Aegens. } \\ \text { Ampant. } \\ \text { (funl). } \end{gathered}$ |  |
| 1 | 2 | s | 4 | 5 | 6 | 7 | 8 | , 日 | 10 | 11 |
|  | cres. | R. | Aorea. | Re. | . Acree. | B. | Es | Aeree. | Ra. |  |
| 188486 ... |  | $\cdots$ | Info | mation | is not | vailable | $\cdots$ | ... | $\ldots$ |  |
| 1885-88 | 4,104 | 8,704 | 281 | 29 | 259 | 178 | 48 | 4,644 | 8,805 |  |
| 1886-87 | 4,104 | 3,704 | 281 | 29 | 218 | 172 | 43 | .4,598 | 8,803 |  |
| ${ }^{1887}$-68 | 4,104 | 3,704 | 281 | 29 | 818 | 172 | 48 | 4,598 | 8,905 |  |
| 1888-80 | 4,104 | 3,704 | 281 | 29 | 213 | 172 | 43 | 4,698 | 8,005 |  |
| 1889-90 | 4,104 | 3,704 | 281 | 29 | 213 | 178 | 4 | 4,688 | 8,006 |  |
| 1890.91 | 4,104 | 8,704 | 281 | 29 | 813 | 172 | ${ }^{57}$ | 4,599 | 8,005 |  |
| 1891-92 | 4,104 | 3,70.4 | 281 | 29 | 218 | 172 | 67 | 4,698 | 8,905 |  |
| 1892-89 | 4.104 | 3,704 | 281 | 89 | ${ }^{218}$ | 178 | 67 | 4,598 | ${ }^{8,905}$ |  |
| 189394 | 4,104 | 3,704 | 281 | 29 | 213 | 172 | 67 | 4,598 | 8,905 |  |
| 1884-95 | 4,104 | 8,704 | 281 | 29 | 213 | 172 | 67 | 4,698 | 8,805 |  |
| 1895-86 | 4,104 | 3,704 | 281 | 29 | 218 | 172 | 57 | 4,558 | 8,905 |  |
| 1896-97 | 4,101 | 8,708 | 281 | 28 | 218 | 178 | 57 | 4,595 | 8,504 |  |
| 1897-88 | 4,101 | 8,703 | 281 | 29 | 213 | 172 | 67 | 4,696 | 8,904 |  |
| 1598.99 | 4,101 | 3,703 | 281 | 29 | 218 | 178 | 57 | 4,595 | 8,904 |  |
| 1899.1900 | 4,101 | 3,703 | 281 | 49 | 218 | 178 | 57 | 4,595 | 8,804 |  |
| 1900.01 | 4,101 | 8,709 | 281 | 29 | 213 | 172 | 57 | 4,595 | 8,904 |  |
| 1901.02 | 4,101 | 3,708 | 281 | 29 | 219 | 172 | 67 | 4,695 | 8,304 |  |
| 1802-08 | 4.101 | 3,708 | 281 | 29 | 219 | 179 | 57 | 4,695 | 8,904 |  |
| 1903-04 | 4.101 - | 8,703 | ${ }_{881}$ | 29 | 218 | 172 | 57 | 4,605 | 8,904 |  |
| 1904.05 | 4,101 | 8,703 | 281 | - 29 | 218 | 172 | 67 | 4,595 | 8,204 |  |
| 1905.0B | ... | $\cdots$ | \% | nation | is not | llab | .- | $\ldots$ | ... |  |
| 1906.07 | 4,101 | 3,703 | 281 | 29 | 38 | 178 | 67. | 4,596 | 3,204 |  |
| 1907-08 | 4,101 | 3,703 | 281 | 29 | 218 | 172 | 57 | 4,595 | 8,004 |  |
| 1908.09 | 4,101 | 3,703 | 281 | 29 | 213 | 172 | 57 | 4,595 | 8,804 |  |
| 1909-10 | 4,101 | 3,703 | 281 | 29 | 819 | 172 | 57 | 4,695 | 8,904 |  |
| 1910.11 | 4,101 | 3,703 | 281 | 29 | 218 | 178 | 57 | 4,595 | 8,904 |  |
| 1912-12 | 4,101 | 3,703 | 281 | 20 | 218 | 172 | 57 | 4,595 | - 8,804 |  |
| $1918-18$ to 1918- | $\cdots$ | ... |  | mation |  | ble. | ... | $\cdots$ | ... |  |

## APPENDIX $0^{1}$.

Changes in oceupied area for sıám village Deogaon of táluka Nagar, Ahmednagar District, into vokich the Revision Settlement woas introduced in the year 1884-85.


Changes ins occnpied area for indm vilbage Raghohivare of the Ahmednarar Distriet intowhreh the Reviston Settlement woas introduced in the year 1885-86.

| Yoar. . | Oceupied Goverument land paynug full aspessmento |  | Unocoupied ascersed cultivable Government land. |  | Land the reveria of which is alenated antirely or partially. |  |  | Total land, Government occapied, nnocoupted and ${ }^{\text {3 }}$ inám. |  | Remarim |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Ares. | Ampest meat. | Anclis | Ansebs5- ment. | Arem | Full ansessmant. | quat- | Area |  |  |
| 1 | 2 | 2 |  | 6 | 6 | 7 | 8 | 9 | 10 | 11 |
| 1885-88 to 1002- | Acrese | Re. | Acres. | Rs. armathon | Acres | Haile | B.. | Acres. | Rs '.. |  |
| 190203 | 1,617 | 1,512 | -* | $\ldots$ | 99 | 118 | 23 | 1,816 | 1,830 |  |
| 1903-04 | 1,517 | 1,512 | ** | $\cdots$ | 89 | 118 | 23 | 1,616 | 1,630 |  |
| 19040s | 1,451 | 1,478 | 66 | 40 | 08 | 118 | 23 | 1,516 | 1,830 |  |
| 1906-08 | 1,480 | 1,496 | 37 | 16 | 99 | 118 | 28 | 1,016 | 1,630 |  |
| 1008-07 | 1,500 | 1,505 | 17 | 7 | 89 | 118 | 93 | 1,616 | 1,630 |  |
| $1003-08$ to 1914 . 13. | '* | -* |  | ormation |  | anlable. | $\cdots$ | ... | * |  |

APPENDIX 0 .
Changer in occupied area for ona indm village Karanji of talwka Nagar, Ahmednagar District, whto which tho revision settlement was introduced in the year 1894-85.


APPENDIX $0^{\circ}$.
Land revenue collectrons for 95 willages of Nagar Taluka, Ahmednagar District, into which the revision settlement soas introduced $\frac{10}{}$ the year 1884-85.


APPENDIX $0^{2}$.
Land revenue collections far 4 villages of Nagar Taluka, Ahmednagar Diatrict, into whech the revision settlement was introduced in the yoar 1884-86.


APPENDIX $0^{2}$.
Collection of assessment on Government and Indm lands for 2 villages of Nagar Táluka, is which the settlement woas introduced in 1584-85.

1. Sarols. 2 Ghospari.


APPENDIX $0^{\circ}$.
Lasd revesme collections for 4 villages of Nagar Taluka, Anmednagar Dietrict, into which the revisiom settlement was introduced in the gear 1884-85.

| Year. | Year's fised land revenue demand. | Colleations | Belance remasining unoollected out of columin 2. | Collectrons of pasa yemr's arreara. | Amount finsily remosted. | Bemarisa, |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
|  | Re. a. p. | Res a. p. | Bs. a. p. | Rs. e. p. | Rs |  |
| 1885-86 | 4,95150 | 4,919 5 8 | 38 00 | 114180 | 41 |  |
| 1886-87 | 4,95158 | 4.928 5 | 2800 | 1690 | ***.. |  |
| 1887 -88 | 4,944 '5 8 | 4,844 | ...." | 1800 | 7 |  |
| 1888-89 | 6,012 150 | 5,012 150 | ... $*$ | .....* | a. |  |
| 1889-90 | 5,036 150 | 5,036 150 | ...0. | -. | ... |  |
| 1890-91 | 5,090 110 | 5,090 110 | $\cdots$ | $\cdots$ | $\cdots$ |  |
| 1891-92 | 5,182 | 5.182830 | ......** | .... | -•.. |  |
| 1899-93 | 5,141 110 | 5,141 110 | $\ldots$ | .. ${ }^{\text {a }}$ | ..."• |  |
| 1889-94 | 5,159 8 \% 0 | 5,15980 | .....** | $\cdots$ | $\ldots$ |  |
| 1894-95* | 5,168 30 | $5,158 \times 8$ | -1.0* | ...... | $\cdots$ |  |
| 1895-96 | 5,15930 | 6,159 8 s | -1... | **** | :.70 |  |
| 1896-97 | 5,15930 | 4,440 410 | 718150 | * | ."* |  |
| 1897-98 | 5,159 80 | 4.57812 .3 | 580 6 9 | 64650 | -. |  |
| 1898-99 | 5,159 8 0 | 4,369129 | 78969 | 8668 -6 | **** |  |
| 1899-1900 | 5,15980 | 1,47208 | 8,687 \% 4 | 108153 | -."** |  |
| 1900-01 | 5,159 8 0 | 1.180126 | 8,97866 | 9889 | arow |  |
| 1901-02 | 5.15930 | 78808 | 4,57129 | 1,550128 | 5,836 |  |
| 1902-09 | 5,15\% 130 | 4,671 810 | 4868 | 201100 | 4,287 |  |
| 1908-04 | 6,157 18 0 | 4,958 | 19974 | 342142 | -1."-4 |  |
| 1804-05 | 5,1581818 | 80262 | 4,355 010 | 986 | ... |  |
| 1905-06 | 5,102 18 O | 44800 | 4,659 130 | 681511 | 744 |  |
| 1806-07 | 5,102 18 -0 | 5,083 50 | 7480 | 40140 | -0.* |  |
| 1907-08 | 6,102 130 | 38 00 | 6,064 130 | 13520 | 3,904 |  |
| 1908-09 | 5,102180 | 4,954 910 | 14832 | 690 | 4,586 |  |
| 1909 -10 | 4,88650 | 4,876130 | 988 | 15010 : | ...cs* |  |
| 1910-11 | 5,07988 | 5,031 328 | 47114 | 2,46724 | 28 |  |
| 1911-18 | 5,08480 | 2,440 119 | 2,643 128 | ..... | * |  |
| 1922-13 | ¢,069 60 | 3,147 60 | 8,922 00 | 38100 | 54 |  |
| 1918-14 | 5,054 6 co | 4,999 12 B | 11424 | 5,202 88 | - |  |
| 2914-15 | 6,057 20 | 5,056 154 | 028 | 1,757-08 |  |  |

APPENDIX $0^{2}$.
Collection of asdessment on Government and Inam lands for 2 villages of Nagar Toluka, in which the settlement was introduced in 1584-85.

1. Saxola 2. Ohospari.


APPENDIX $0^{8}$ ．
Statement shöwoing Land Revenze Collections in two Inám vollages－Sujalpwr and Ghanegaon－mado Khdiva in 1915.

|  | Year， | $\begin{gathered} \text { Year's } \\ \text { Revernag } \\ \text { demand. } \end{gathered}$ | Collectiona． | Balanos． | Collectioni的 excoss of years denuand． | $\frac{A \text { monnt }}{\text { Anall }}$ remittiod | Remarks． |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Rs． | R． | Rs． | Rs |  |  |
| 1885－86 | ． | 533 | 227 | 308 | 44 |  |  |
| 1886－87 | ．．． | 548 | 396 | 147 | 15 |  |  |
| 1887－88 | ．． | 548 | 409 | 134 | 447 |  |  |
| 1888－89 | ，．．． | 643 | 276 | 267 | 12 |  |  |
| 1889－00 | ．． | 543 | 931 | 218 | 9 |  |  |
| 1890－91 | ．．＇ | 548 | 332 | 211 | 11 |  |  |
| 1891.92 | ．．． | 518 | 184 | 359 | ${ }_{98}$ | － |  |
| 1892－93 | ．．． | 543 | 52 | 492 | ．．．． |  |  |
| 1893－94 | ．．． | 543 | ．．． | 648 | ．．．．， |  |  |
| 1894.95 | $\cdots$ | 548 | 228 | 315 | 339 |  |  |
| 1895－96 | $\cdots$ | 698 | ．．．＂ | 688 | ．．．．． |  |  |
| 1890－97 | ．．． | 698 | $\ldots$ | 698 | 813 |  |  |
| 1897－98 | ．．． | 698 | ．．．．．． | 688 | ．．．． | $\frac{4}{4}$ |  |
| 1898－99 | ．．． | 698 | 250 | 48 | 727 | － |  |
| 1899－1900 | ．．． | 698 | ．．．．．．4． | 698 | ．．．． | 号 |  |
| 1900．01 | $\cdots$ | 698 | ．．．．．． | 698 | ．．． | 㕆 |  |
| 1901．02 | ．．． | 698 | ．．．．．＂ | 698 | $\cdots$ | 号 |  |
| 1908．03 | ．．． | 698 | 568. | 180 | 1，402 |  |  |
| 1903．04 | ．．＂ | 698 | 684 | 64 | 82 |  |  |
| 1904.05 | － | 698 | ．．．．．． | － 698 | $\cdots$ |  |  |
| 1905－c6 | ．．． | 698 | 223 | 486 | 12 |  |  |
| 100607 | $\cdots$ | 698 | 655 | 43 | － 831 |  |  |
| 1907－08 | ＊．．． | 698 | 446 | 252 | ．．．．． |  |  |
| 1908－09 | －． | 698 | 621 | 77 | ．．．．． |  |  |
| 1909－10 | ：． | 693 | 019 | ${ }_{86}$ | 15 |  |  |
| 191011 |  | 698 | 986 | 12 | 287 |  |  |
| 1911－12 | ． | 698 | 649 | 40 | $\ldots$ |  |  |
| 1912－13 | ．．－ | 698 | 288 | 460 | 47 |  |  |

APPENDIC $\mathrm{O}^{3}$
Landsrevenue collections for Inán village Bainrdighumat of Nagar Taluka, Ahmednagar District, into whisch the Revision Selllemnt was introduced in the gear 1884-85.

| Year. | Year's fixied land revenne demand. | Collectrong, | Balance remauing ancollected out of column 2 | Collections in excess of yeara' demand. | Remassions. | Remarks. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| - 1 | 2 | 3 | 4 | 5 | 6 | 7 |
|  | Ks. | Rs. | Rs, | Rs. | Rs. |  |
| 1884-85 to 1888-89 ... | Informat | on is not avail |  |  |  |  |
| 1889.90 | 1,039 | 695 | 344 | 318 | ...1.0 |  |
| 1890.01 ... | 1,098 | 624 | 574 | 153 | ... |  |
| 1891-62 | 1,098 | 79 | 304 | S06 | ...9.* |  |
| 1892-99 | 1,107 | 60 | 487 | 291 | , ." |  |
| 1898-94 | 1,170 | 831 | 339 | 409 | ...... |  |
| 1891-95 to 1895-86 | Informa | icre is nof aval |  |  |  |  |
| 1896-97 | 1,170 | 408 | 762 | 364 | .*.'.0. |  |
| 1897.98 | 1,170 | 259 | 921 | 273 | $\cdots$ |  |
| 1898-59 - | 1,170 | 152 | 1,018 | 563 | .. |  |
| 1899-1900 .... | Informat | on is not avala |  | , |  |  |
| 1900-01 | - 1,170 | $\ldots \mathrm{cm}$ | , 1,170 | 281 | ...... |  |
| 1901-08 | 1,150 | 3 | 1,167 | 119 | ...... |  |
| $1802-03$... | 1,171 | 1,000 | 87 | 600 | ....* |  |
| 1903-04 ... | Informati | on is not ermila |  |  |  |  |
| 1904-05 ... | 1,170 | 82 | 2,088 | ....0\% | ...... |  |
| 1905-06 to 1918-14 .... | Intormat | ion is not avqua | 10. | : | . |  |


| AFPENDIX D: <br> Land-revenve collections for Indóm villope Nimbalak of Taluka Nagar, Ahmednagàr $D$ istrict, into which the Revieion Settiement was introdwced in the year 1884-85. |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Yeas, | $\left\{\begin{array}{c} \text { "Year*s fixed } \\ \text { land revenne } \\ \text { demand. } \end{array}\right.$ | Collections. | 'Balance momsiuing umpollected out of cduma 2. | Colfections in excean of year's demand. | Remissions. | Remarik. |
| 1 | 2 | 8 | 4 | 6 | 6 | 7 |
|  | Ba . | Ren | ts. | Rs. | n. |  |
| 1884.85 | 2nfor | ion is not availa | , |  |  |  |
| 1885-86 .. | 3,747 | 8,284 | 463 | 108 | ...te |  |
| 1886.87 ... | 8,747 | 8,970 | 877 | 469 |  |  |
| 1887-88 ... | 3,747 | 3,114 | 638 |  |  |  |
|  |  |  | 635 | $8 \%$ | $\cdots$ |  |
| 1888-89 . ... | 3,747 | 3,048 | - 704 | 757 | ***** |  |
| 1889.90 | 3,747 | 2,869 | 878 | 628 | $\cdots$ |  |
| 1890-91 | 8,761 | 3,449 | 1,912 | 956 | $\ldots$ |  |
| - 1891:92 | 8,781 | 3,252 | $\succ^{508}$ | 2,517 | .... |  |
| 1892-93 | 3,761 | 2,907 | 854 | 868 | c...0. |  |
| 1803-94 | 3781 | \$,880 | 898 | 618 | ...... |  |
| 1894-95 | 3,761 | 2,681 | 1,080 | 712 | **** |  |
| 1895-96 | 3,761 | 8,111 | 650 | 1,820 | - ... .. |  |
| 1898-97 - ... | 3,760 | 1,922 | 2,438 | - 469 | **... |  |
| 1897-98 ... | 3,760 | 1,282 | 2,478 | 1,502 | ...... |  |
| 1898-99 , .. | 3,760 | 886 | 2,924 | 2,506 | *t... |  |
| 1899-1900 | 3,780 | - 355 | 3,405 | - 12 | **... |  |
| $1900-01$... | 3.700 | 188 | 8,827 | 915 | *...* |  |
| 1901-02 | 3,760 | -.... | 8,760 | 14. | ...." |  |
| 1902-03. | 8,760 | 1,154 | 2,606 | 1,899 | **** |  |
| 1908-04 to 1904-05. | Informat | ion is not availa |  |  |  |  |
| 1206-06 | 3,760 | .... | 3,760 | 402 | * |  |
| 1906-07 ... | 8,760 | 2,848 | 1,412 | - 1,900 | ...0.0 |  |
| 1907 -08 ... | 3,760 | .. | 8,760 | 885 | ***** |  |
| 1908-00 | 3,760 | 3,478 | 282 | 1,435 | **** |  |
| 1909-10 | 8,760 | 3,509 | 251 | 2,259 | *.t.0 |  |
| 1910-11 ... | : 3,760 | 318 | 3442 | 2145 | *...0* |  |
| 1911-12/ ... | 3,760 | 1,828 | 1,932 | 1,260 | - |  |
| 1912-18 | 3,760 | 134 | 3,626 | - 43 | ...... |  |
| - 1913-14 - ... | Informatic | ion is not availa |  |  | - |  |

## APPENDIX $0^{8}$

Laud-revenue collections for Inám veillage Deogon of' táluka Nagar, Ahmednagar District, unto whach the Revision Settlement was introduced in the gear 1884-S5.

| Year. | Year's fixed land revenue demand. | Collections. | Balance renaming uncollected out of colamn 2. | Collections in excess of year' demsid. | Remiscions. | Remarss. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | 8 | 3 | 4 | 5 | 8 | 7 |
| 1884-85 | . Re . | Rs. <br> Informa | $\text { tion } \frac{\text { Br. }}{\text { is }} \text { not }$ | $\begin{gathered} \text { Es. } \\ \text { available, } \end{gathered}$ | Re. |  |
| $1885-86$ | 664 | 658 | 6 | 7 | . ${ }^{\text {a }}$. |  |
| 188687 to 1888-89 |  | Informa | tion is not | available. | ...... |  |
| 1889-90 | 667 | 667 | ....." | 4 | -..... |  |
| 1890-91 | 667 | 667 | ...... | ...... | ... |  |
| 1891-92 | 607 | 664 | 3 | *-7****** | -.... |  |
| 1892-93 | 687 | 663 | 4 | $\cdots$ | - |  |
| 1893-94 | 667 | 687 | **** | 10 | ...... |  |
| 1894-9 | 667 | 667 | -...** | 12 | ....." |  |
| 1895-96 | 667 | 667 | ... | 28 | . |  |
| 1896-97 | 667 | ... .. | 667 | . ... | ...... |  |
| 1897.98 | 667 | c67 | -*** | 3 | .....0. |  |
| 2898-99 | 667 | 651 | 16 | 82 | $\cdots$ | - |
| 1899-1900 to 1913-14 | $\cdot$ | Informa | tion is mot | arailable. | -.." |  |

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APPENDIX $0^{*}$
Land-revenwe collections for Inam village Raghohivare of taluka Nagar, Ahmodmagar District, into which the Revision Setilement was introduced in the year 1885-86.

| "Year. | Yentra fixed Land revenue demand. | Collections. | $\begin{gathered} \text { Balance } \\ \text { remaning } \\ \text { uncollocted } \\ \text { out of } \\ \text { column 2. } \end{gathered}$ | Collections in excens of yours demand. | Bemisaiong. | Remariza, |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | 2 |  | 4 | 5 | 6. | 7 |
| 1886-S6 to 1001-02 .. | Ra. | Rs Inforna | $\stackrel{\text { Rs. }}{\text { ill }}$ | $\underset{\substack{\mathrm{Rg} . \\ \text { available. }}}{\text { Ren }}$ | - Ra. |  |
| 1902-03 | 1,535 | 1,595 | $\cdots$ | .....m | $\cdots$ |  |
| 1903-04 | 1,535 | 1,357 | 178 | 1,503 | ....* |  |
| 1004-05 to 1914-15 $\quad \cdots$ |  | Informa | tion* is not | available. |  |  |

APPENDIX $0^{2}$
Landorevenue collections for Inám village Karanji of taluka Nagar, Ahmednagar District, into uhich the Reviston Şettlement was introduced in the year, 1584-1885.

| Year. |  | Year's fixed land demand. | Collections. | Balance nocollected out of column 2. qolumn | Collections $\underset{\substack{\text { in excess } \\ \text { of year's }}}{ }$ demand. | Remissions | Remarks. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1 |  | 2 | 3 | 4 | 5 | 6 | 7 |
| 184485 to 857.88 | .. | Rs, | R9. Informa |  |  | Rs. |  |
| 1888 -89 | $\cdots$ | 2,740 | 2,740 | \% | ...... | $\cdots$ |  |
| 1889.90 | ... | 2,740 | 2,740 | ...... | -."* | ..... |  |
| 1890.91 | ... | 2,740 | 2,440 | ...... | ..... | ..... |  |
| 1891-92 | $\cdots$ | 2,40 | 2,740 | ...... | $\cdots$ | ...... |  |
| 1892-93 | $\cdots$ | 2,740 | 2,721 | 19 | ."." | ...... |  |
| 1893-94 | $\cdots$ | 2,740 | 2,740 | $\cdots$ | ...... | .. |  |
| 1894.95 | $\cdots$ | 2,740 | 2,740 | ..... | ..... | ..... |  |
| 1887-96 | $\cdots$ | 2,740 | 2,740 | ...... | ... | ..... |  |
| 1896.97 | $\cdots$ | 2,740 | ..... | 2,740 | ...... | ... |  |
| 1397.88 | $\cdots$ | 2,740 | 2,740 | $\cdots$ | ...... | ..." |  |
| 1898-99 | $\cdots$ | 2,740 | 2,740 | $\cdots$ | ..... | .... |  |
| 1889-1900 | ... | 2,740 | 2,740 | ..... | ... ${ }^{\text {a }}$ | ...... |  |
| 1900-01- | $\cdots$ | 2,740 | 2,058 | 882 | ... | ..... |  |
| 1802.02 | $\cdots$ | 2,740 | 2,740 | $\ldots .$. | ...... | ...... |  |
| 1902.03 | $\ldots$ | 2,740 | 2,740 | . $\cdot .$. | ...... | ... |  |
| 1903.094 | ... | 2,740 | 2,740 | ...... | ...... | ...... |  |
| 1004.05 | ... | 2,740 | 2,740 | , | :ッ... | ...... |  |
| 1905.96 | . |  | Informa | ${ }_{\text {tion }}^{\text {isg not }}$ | availsble. |  |  |
| 1800-07 | ... | 2,740 | 2,502 | 238 | .....a | ..... |  |
| 1907-08 | ... | 2,740 | 1,225 | 1,515 | . ${ }^{\text {.. }}$ | ..... |  |
| 1908-09 | $\cdots$ | 2,740 | 2,740 | ..... | -... | $\ldots$ |  |
| 1908-10 | ... | 2,740 | 2,740 | $\cdots$ | .. | $\cdots$ |  |
| 1910-11 | ... | 2,740 | 2,740 | ...... | $\cdots$ | ... |  |
| 191.19 | ... | 2,740 | 2,740 | ...... | ..... | ..... |  |
| 2915.18 | .. | 2,740 | 996 | 1,744 | $\cdots$ | ..." |  |
| 1018-14 | -- |  | Inform | (tion is not | availab |  |  |

## APPENDIX $0^{2}$.

Land-revenue collectiont for̀ Inám oullage Takalikaji of táluka Nagar, Almednagar District.

| Year. | Year'a flized <br> land rovenure demand | Collections. | Bolance momaining uncollected out of columa 2 | Collections of past year' srreart. | Remiasions | Romarks. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | - 2 | 3 | 4 | 6 | 6 | 7 |
| 1885-56 ta. 1892-33 | Rs. | $\begin{gathered} \boldsymbol{R}_{\mathrm{B}} \\ \text { nforme } \end{gathered}$ | Rion is not | axuitable. | IR. |  |
| 1893.94 | 1,094 | ; 1,094 | - 0 | $\cdots$ | '...... |  |
| 1834-95 | 1,094 | 1,094 | $\cdots$ | $\ldots$ | ** |  |
| 189596 | 1,094 | 1,094 | "0m | **** | $\cdots$ |  |
| 1896-97 | 1,2C3 | 1, 13 | 190 | **** | $\ldots$ |  |
| 1837.98 | 1,203 | 750 | 453 | - | **** |  |
| 1898-99 | 1,203 | 1,203 | ..... | $\ldots$ | ***-* |  |
| 1899-1900 | 1,203 | ...... | 1,203 | ..en | *- ... |  |
| 1900-01 | 1,203 | ...... | 1,203 | $\cdots$ | ....* |  |
| 1901-02 to 1902-03 | . | Informa | ion is not | availablo. | $\cdots$ |  |
| 1909-04 | - 1,211 | 1,211 | -1.0. | **'* | .....4* |  |
| 1004.05 | 1,211 | 1,211 | *..... | 16 | ... |  |
| 1905-06 | 1,21 | 128 | 1,083 | 83 | ..... |  |
| 1906-07 | 1,211 | 2,211 | -.... | 887 | *... |  |
| 1907-03 | .. 1,211 | 724 : | 487 | 178 | ... |  |
| 1008-09 | . 1,211 | 1,211 | -.tat. | 728 | ..a...* |  |
| 1909-10 | 1,8II | 1,187 | 14 | 39 - | .*... |  |
| 1910-11 | 1,227 | 1,227 | **... | 530 | .n.0.0 |  |
| 1911-72 | 1,227 | 1,026 | 201 | ..** | ..1. |  |
| 1912-19 | 1,889 | 880 | 458 | \%.ros | * ...... |  |
| 2913-14 | 1,459 | 1,450 | *** | ...". | $\cdots$ |  |
| 191415 | 1,459 | 1,45\% | -鿊 | ..."* | $\cdots$ |  |

APPENDIX $0^{2}$.
Land-ucvenue collections for Indim village Jamb of tátulaw
Nagar, Almednagar Distrect.

| Year. - |  | Year's fixed land revenue demand. | Collections. | Balance temarning wucollected ont of column 8. | $\left\lvert\, \begin{gathered} \text { Colleotions } \\ \text { of past } \text { Ejens }^{\prime} \text { 's } \\ \text { arrears. } \end{gathered}\right.$ | Remissiona, | Remarks. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1 |  | 2 | 8 | 4 | 5 | 6 | 7 |
| 1885-86 to 1888-68 | $\cdots$ | RE, | Res. <br> - <br> Informa | Rion is not | $\underset{\text { artilable. }}{\text { Re. }}$ | Rs. |  |
| 2880.00 ... | $\cdots$ | 1,024 | 423 | 601 | -10.0.0 | *....0 |  |
| 1890-91 ... | ... | 1,024 | 429 | 595 | .n** | -....* |  |
| 1801.92 --0 | . | - 1,024 | 234 | 790 | 387 | ....". |  |
| 1892-83 ... | ... | 1,024 | 750 | 274 | -0.rem | .4...4 |  |
| 1898-94 ... | - ... | 2,02 4 | 1,024 | -.ts .. | . 645 | -1.4** |  |
| 2894.95 ... | - | 1,024 | 912 | 112 | -1.4.0 | .**.. |  |
| $1895-96$... | $\cdots$ | 1,024 | 3,024 | ..... | 107 | $\ldots$ |  |
| 1896-97 -u* | $\cdots$ | 1,024 | 356 | 668 | ..."* | .... |  |
| 1897-98 - | ... | 1,024 | 247 | 777 | *...* | ...... |  |
| 1898-99 ... | $\cdots$ | 1,024 | 1,024 | ..1.0 | 529 | .... |  |
| 1899-1900 ... | .. | 3,024 | ..**.. | 1,024 | 41 | ". |  |
| 1900-01 | $\cdots$ | 1,024 | .-... | 1,024 | ...... | *** |  |
| 1901-02 .09 | $\cdots$ | . 3,024 | **... | 1,024 | 75 | ."..." |  |
| 1902-03 ." | ... | 1,034 | 1,024 | ...... | 280 | *...** |  |
| 1903-04. | ... | 1,024 | 825 | 199 | 182 | ...... |  |
| 1904-05 ... | -* | 1,024 | 497 | 527 | 200 | ...." |  |
| 1905-03 ... | - | 1,024 | 4 | 1,020 | 298 | *.."* |  |
| 1806-07 :m | $\cdot$ | 1,024 | 988 | 56 | 290 | .....4 |  |
| 1907-08 ... | .. | 1,024 | 221 | 803 | 58 | ...... |  |
| 1908-09 ... | ... | 1,024 | 1,024 | *** | ......0 | *.. |  |
| 5009-10 -4 | ... | - 1,024 | 968 | - 56 | ...... | ... |  |
| 1910-11 -> | $\bullet$ | 1,024 | 565 | 469 | -..... | , ...... |  |
| 1911-12 | .. | - 1,024 | 627 | 397 | -1.0 | ... |  |
| 1912-13 ... | - | 1,024 | - 380 | 644 | -10.0. | , '..... |  |
| 1918-14 ... | , | 1,024 | 1,024 | -0.** | **** | **... |  |
| 014-16 $\quad$ - | - | 1,024 | 1 1,024 | **** | 584 | $\cdots$ | - |

68
APPENDIX 0.
Land-revenus collections for Indm viblage Akoiner of taluka Nagar, Ahmednagar District.

$69 *$
APPENDIX $0:$


Effect of Reviaion. Settlemogit Proposalt of

$Q$.
Government vocurped länd-Wagar Taluka.



Q-continued.

a $430-19$
ATPENDIX


Q-contıu ued.


Statement shosting the proposed increases in percentages and in ansas per. rupee of existing assessment in Nagar Teluka.

| $\begin{gathered} \text { Sorial } \\ \text { No. } \end{gathered}$ | Proposed Group. | $\begin{aligned} & \text { Number } \\ & \text { of } \\ & \text { Villagos. } \end{aligned}$ | Carrent dry-crop rate. | Proposed dry-arop rate. | Incranae per cent | Increasa per rupees |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Rs. 3. | Re. a. | , | Rs. a. p |
| 1 | I | 15 | 110 | 114 | $15 \cdot 38$ | 026 |
| 2 | I ... | 1 | 110 | In charge | of Remount | Depots |
| 3 | I * | 57 | 18 | 114 | 2500 | 040 |
| 14 | I | '21 | 1.6 | 114 | 36.36 | 05 |
| 5 | II | 9 | 16 | 112 | 27.27 | 04 |
|  |  |  | In<m. |  |  |  |
| 6 | 1 ... | 1 | 16 | 114 | 36.36 | 05 |
| 7 | I ** | ; 7 | 18 | 114 | 25.0 | 04 |
| 8 | $1 \quad .0$ | 8 | 110 | 114 | 15•38 | 02 |
| 9 | I | 1 | 112 | I 14 | $7 \cdot 14$ | 01 |
| - 10 | II | 1 | 16 | 112 | 2727 | 04 |
| 11 | $1 \quad$... | 1 (Kedgron) | ] 10 | 114 | 393 | 00 |
| 12 | $1 \quad \cdots$ | 1 (Karanji) | 18 | 114 | 1804 | 03 |
| 13 | 1 ... | 1 (Hivrezare) | 16 | 114 | 24:17 | 08 |

N $B$.-These villages are included in their reapectave groap villages, pit, at herial Nos, 8,7 and 6 . In theas three villages motastinal rate is Rs 8 and in propoasd Revision it (i. $e_{2}$, Has 3 rate) is to be reduced to the proposed dry crop maximum rate (Rs,'1-14) and hence real increase per rapee is imeerted in column 6 at Serial Nos, 11, 12 snd 18 a

APPENDIX $Q$.




# Below Settlement Report of Nagar Táluka No. S.-396, dated 2nd June 1y16, frow the Assistant Settlement Offecr, Western Tálukas, Ahmednagar, to the Collector of Ahmednagar. 

$$
\begin{aligned}
& \qquad \begin{array}{l}
\text { No. } \frac{\text { Lnd } 81}{1910} \text { of } 1916 . \\
\text { Ahmednagar, 3rd June } 1910 .
\end{array} \\
& \text { Forwarded with compliments to the Settlement Commissioner and.Director } \\
& \text { of Land Records, Poona. }
\end{aligned}
$$

2. Mr. Garrett's report is based pn Mr. Hey's notes and figures, but Mr . Garrett has personal knowledge of this tract having held oharge of tho táluka in addition to his own work as Personal Assistant. The original proposuls have been discussed with both Mr. Hey and Mr. Garrett and subsequently recast in further consultation with Mr. Garrett.
3. I have already commented in the Párner Report on Mr. 'Garrett's misoonception as regards the comparative olimatio advantages of the Nagar and Párner Tálukas (Mr. Garrett's paragraph 4).
4. In paragraph 6 Mr . Garrett deals with the crops. The usual inorease of pulses is to be noted, but it must le remembered that there was only one good rabi year in the period 1909-1914 and this probably explains the reduction of the wheat and gram area. The last season has been a good rabi season and the extension of wheat and gram throughout the district has been most marked.

The increase in wells is most satisfaotory.
5. There is an obtious error in the eart statistios (paragraphs 17 and 18). Cattle were sold to cultivators in more favoured tracts ini the last famine and others have since been purchased as seasons improved. Gattle with the Deccan ryot is a very fluid asset.
6. The Bhátodi Tank is of course useless in a famine year except in so far as it improves the water-supply in adjacent wells. Some of the latrer held out well in 1912-13.
7. In paragraph 20 Mr . Garrett seem' doubtful about the ultimate benefits of cotton cultivation. There esn, I think, be no question from a settlement point of view that an extension of cotton cultivation, which indicates that the suitability of land for cotton has beon demonstrated, confers real additional value on the land. All valuable land is an attraction to the savkár. At present the eávkár finances the ootton grower, dictating what area should be grown, and treats him most sourvily sp regards rates, but with an extension of the co-operative movement the situation must improve.
8. In the comparative statement lof land-values given in $\cdot$ Mr. Garrett's paragraph 25, the sale prices of land in the period 1905-1915 are swollen by the inclusion of bagayat. The figures given in* his paragraph 9 taken from Appendix K for dry-crop lands only give a fairer impression. Land has really not doubled in rupee value.
9. I do not think Mr. Garrètt's treatment of the price and rental figures in his paragraph 26 is very helpful. The value of the investment depends on the price paid of course. Apart from the price we know that land is lightest assessed in Párner, next in Shergaon and heaviest in Nagar. The higher Yáner prioes may well be aseribed to the more certain rainfall. Cash rents are not common and probably bring in less than crop shares, but the returns worked out on these "investments" strike me as exceedingly favourable in a tract where land is regarded as the only gilt-edged security. A. farmer in England
considers himself fortunate to get a return of 8 per cent. on his capital when he farms himself, and 5 or 6 per cent. to an absentee landlord speaks well for the profits of cultivation under present conditions.
10. Mr. Garrett has shown that, on a consideration of prices alone, a 33 per cent. rise would be amply justified. He has correctly referred to the aggravation of labour difficulties in this tract, and by comparison with the two neighbouring tálukas of Párner and Shevgaon has emphasised the lower land values obtaining in Nagar. The rent figures given in his paragraph 28 are particularly interesting in this regard. From the outset I have formed the general opinion that Nagar was the least favoured tract with which I had to deal, and warned Mr. Hey to treat it leniently, if a oareful examination of all available statistics bore me out in my a priori opinion. The critical attitude displayed by"Mr. Garrett to all these statistics is in my opinion correct.

- We can only rely on the larger figures, and are safer in making comparisons between similarly collected statistics than in making absolute deductions from any one set of figures. Accepting the two main conclusions that the rise in rupee prices calls for an adequate adjustment of our rupee demand, and that this adjustment must be made cautiously in view of certain indications of reduced progress and retarding factors, I submit that Mr. Garrett's grouping and rates are cautiously conceived and may be accepted. The north-eastern group of villages has, I believe, been lightly treated but for the reasons assigned by Mr. Garrett, I have finally accopted his view. The absence of much market gardening near the City-lucerne for the Remount Depót is almost the principal crop of value grown under wells within a short distance of the city, and that is sold very cheaply by the contractors and still cheaper by the growers considerably weakens the case for a higher group round Nagar itselif. The figures given in paragraph 37 show that land near the city has very - little more value than land farther away.
* 'I accept Mr. Garrett's pátasthal proposals and suggest a $30^{\circ}$ years' guarantee.

11. The inám villages present some special difficulties but the grouping and rates are simple for all except Nagar Deola, Takli and Akolner. Mr. Garrett has put the case cleariy. It should be added to assist Government in forming a decision that Nagar Deola is exceptionally situated. Plactd as it is close to the Kapurwádi Tank it derives special advantages by percolation. In the famine of 1912-13 many of the wells failed or gave a very redueed stapply, but in normal years the subsoil flow is certain and well-sinking is a very safe form of investment. The result is seen in the exceptionally high percentage of:'bagayat (nearly 50 per cent.). Mr. Garrett considers (paragraph 64) that it is best as a general principle to reduce motasthal maximum rates on revision to the maximum jiriyat rate for the group, retaining the classification, and in original surveys to apply a 3 per cent. maximum rate as was done upto 1885-1836, to be reduced at revision presumably as above. In the case of Nagar Deola no such methods will commend the inamdar's consent and I recommend in the special circumstances the normal. jiráyat rate of Rs. 1-14-0 and a special motastlal rate of Rs. 7-6-0. The question of its treatment at revision can remain till the time comes, but it seems to me dangerous to lay down any general principles now. It is impossible to conceive of any general rise in jiráyat rates at the next revision which would make it possible to reduce the rate on motasthal lands to this level and avoid heavy loss to the inámdár, and in other cases it might *eonceivably be preferrable to retain a 3 per cent. or other special motasthal rate at revision aiso, rather than raise abnormally the jiráyat rate for dry-crop lands which feel the burden most. If this view ean be acoepted, I submit that in the Akolaner case--though this is not a case of revision of course-it is preferable to sanction a 3 per cent. rate for bégayat and the ordinary Re. 1-14-0 rate for jiráyat, as in Government villages of the vicinity. Lastly, Takli, I agree, should be similarly treated. There are other cases, e. g., Kedgaon where the reduction of the speeial bagayat rate, which has proved no burden in the past, leaves the inumdar with at least a very small improvement of his position even if no loss is actually caused, but it is dificoult to fraw any other line than that between actual loss and gain to the inámdar concerned.

H $430-21$
12. Mr. Garrett's proposals as regards pátasthal may be accepted. It is at first sight unfair to impose an average assessment of Rs. 4-0-10 on all the extremely doubtful Chas patasthal, and I think Mr. Hey might have decided by inquiry which numbers never ordinarily received any rabi water and reduced the area accordingly. It is however true that much of this poor pátasthal land is also protected by wells and presumably if that is not the case the cultivators would object to the levy and obtain remissions.

The guarantee should of course be the same as for Government villages.
P. J. MEAD,

Collector of Ahmednagar.

No. S. T. 80 of 1916.
From
R. D. BELL, Esq., M.A., B.Sc., I. C. S.,

Land Records, Poona;
To,
The COMMISSIONER, Central Division.

Poona, 12th June 1915.
Sir,
I have the honour to forward a seoond revision settlement raport on the Nagar Țaluka of the Ahmednagar Distriet by Mr. J. .H. Garrett, I. O. S. The remarks of the Collector, Mr. Mead, accqmpany.
2. It is worth noting that the first revision settlement of this táluka was carried through by Colonel Laughton who also dealt with Párner and Junnar 'talukas about the same time, and that the light soils were valued below the Joint Report Scale (Selection CLXXV paragraph 7, page 2). In climate and rainfall the táluka is generally reckoned to be inferior to Párner, of which the second revision settlement report is also how under consideration. The rainfall statistics do not bear out this opinion and the revenue history of the two tálukas is equally bad. There can be little doubt however that Parner has some advantages; it is certainly the more prosperous; selling and letting values are higher; and the returns of agricultural stock are better. In my remarks on Párner I have pointed out that cattle in that táluka are now up to the pre-famine strength of 1894-95. In Nagar the figures given in paragraph 17 show that male cattie are 18 per cent., milch cattle, 15 per cent, and young stock 21 per cent. below the numbers of 1894-93. These figures are not so good as those which I showed elsewhere for the Sirur Táluka of the Poona District and I do not agree with the Assistant Settlement Officer's corament in his paragraph 18 that recovery is now complete. In Pálner the cropped area per pair of plough cattle is 20 aeres, in Sirur $22 \cdot 3$ aores and in Nagar 2315 acres. In sirur after allowing for an irrigated area of 2.3 per cent. on the net cropped area, I gave my opinion that for the taluka as a whole an average of 18 aores per pair of plough cattle is probably as much as is compatible with moderately good cultivation. In Nagar the irrigated area is 5.8 per cent. of the net cropped area (Appendix. $B_{2}$ columns 12 and 55) and we should therefore expect a slighter lower average area per pair of plough cattle. In Nagar the average fallow area during the last 5 years (Appendix $\mathbf{B}$, columa 14) has been 18 per cent. of the ocoupied area (column 15), in Sirur 19 per cent. and in Parner only 8 percent. It is difficult to resist the conolusion that in Nagar the fallow area, the diminished numbers of cattle and bad seasons are all related as in Sirux.
3. Cotton is not a crop of sufficient importance materially to affect the general conditions of the taluka. The irrigated area is, as Mr. Garrett says, by no means unsatisfactory, but there is no increase in it to correspond to the increase of 50 per cent. in irrigation wells. For the fire years $1886-87$ to 1890-91 the average irrigated area was 13,3t4 acres; for the last five years shown in Apperdix B, column 12, it was 11,920 acres. These figures seem to show that, as in Sirur, the water level has not recovered from the long years of drought. The increase in the number of wells is satisfactory, however, in showing that no effort is spared by the cultivators to protect their fields from deficient rainfall.
4. I have discussed the prices at Ahmednagar in my remarks on Parner and have touched in the same place on the revenue history of the Nagar taluka. The figures for the assessed waste are satisfactory but the history of
collections even before $1896-97$ was not as good as in Párner. Sinco 1890-97 the figures summarised from the different Appendices $0^{2}$ are:-


The total remissions shown in column 6, Rs. 6,19,513, are probably ind. complete. I gather from paragraph 24, Appendices $\mathrm{O}^{3}$, that the arrears at the end of 1914-15 were inconsiderable. It is therefore correct enough to say that 4.7 times one year's revenue has been romitted since 1896-97, exactly the same figure as for Párner and Sirur. (In Sirur I have reakoned Re. 33,000 suspended revenue as remitted.) I entirely agree with Mr. Garrett that a táluka with a history like this deserves some concession.
5. I do not follow Mr. Garrett in his arguments in support of his grouping scheme. In paragraph 12 he emphasises the "roal advantage in immediate proximity to an important produce centre." At Ahmednagar there are a large city and cantomment, a great mart, an important railway station, eighteen cotton gins and presses and a considerable weaving industry. Mr. Garrett considers that these advantages are counterbalanced by a decidedly precarious and badly distributed rainfall, and by the soarcity and expensiveness of labour. He cites statistics of sales and rents to show there is little demand for land. The labour demands of a large city like Ahmednagar are not without their advantages for the agriculturist. They give the small cultivator opportunities of engaging in well paid labour during the agricultural slack season, and enable him to engage in carting. The low land values must be interpreted in the light of the eaution which Mr.-Garrett makes in his paragraph 20. If labour is scarce near Nagar City tenants must be hard to find: rents must therefore be low. This fact combined with the other outlets for money at Ahmednagar keeps selling values low. I do not consider these facts prove that the profits of agriculture are not greater in the vicinity of Nagar City than elsewhere in the taluka. The argument that the rainfall is preoarious and badly distributed has weight, especially if it is meant that it is worse near Nagar City than elsewhere. But it is not logical, in discussing Group II in paragraph 39, to admit that " the rainfall in the extreme south is no doubt the worst in the táluka" but to urge against this that "there are excellent roads leading to Bhalurdi, Bend" and three other villages. If the environs of Nagar City are not to be grouped higher on account of the advantages of proximity to the city, then those southera villages should not be promoted on account of their road communications.
6. On paper; therefore, it "would seem that the old Group I should be maintained and that the northern boundary of the lowest group should run, as before, from Shiradbhon (north-east of Walki) to Khandala (east of Akolner). I am aware, however, that it is often easy on paper to pick to bits the proposals of the Settlement Officer, and I do not seek to push these criticisms too far against the experience and judgment of Messrs. Garrett and Mead. They are however worth bringing to the notice of Government.
7. As to rates I beg to urge that the increase asked is too much from a táluka like Nagar. My own experience has been that while the time is opportune to take 25 per cent. upwards in tracts like Haveli, Junnar and western Purandhar, not muoh can be taken from the areas of precarious rainfall. In western Purandhar a 30 per cent. increase has been proposed, in eastern Purandhar practically nothing. For Sixur the increase takea diminished from 15 per cent. in the west to nil in the east. Like the good and poor soils, the good tálukas appear to have been underassessed in the past as compared with the arid tracts exposed to recurring droughts. If Mr. Garrett's grouping is retained I suggest that Rs. 1-12 and Rs. 1-10 instead of Rs. 1-14. and Rs. 1-12 should be the two rates. If my suggestions for Párner are accepted the rates now proposed for Nagar will bring the two tálukas into line. In his paragraph 43 Mr . Garrett points out that his rates will still leave Nagar
táluka more highly assessed than Shevgaon, and I understand that the rates origirally proposed for Shevgaon mast be cut down. My proposals on Mr. Garrett's grouping will yield an increase of 17 per cent. on the present assessments; it will be somewhat more if old Group I is retained and assessed at Rs. 1-14. Exoluding water cess on patasthal the increase taken in Sirur was only about 10 per cent. and the maximum dry-erop rate over most of the tájuka only Ra. 1-s. So far as I can judge. Nagar Táluka can pay more than Sirur but maximum rates of fes. 1-12 and Rs. 1-10 giving an increase of 17 per cent, seem quite high enough.

I venture to make comparison with Poona tálukas because both districts are well known to Government.
8. Mr. Garrett proposes (paragraph 44) to leave the present rates of pátasthal unchanged. A reference to $A$ ppendix $Q$ shows that what is intended is that the water share of the patasthal assessment should be unchanged. I have no objection to this, but I suggest for the consideration of Government, that the water cess on each numler might be reduced by as much as the soil assessmont is raised. This will really leave patasthal combined rates unchanged. Mr. Garrett's proposal amounts to raising them from Rs. 8 to Rs. 8-8, since the maximum dry-crop rate of the two villages has been raised by 8 annas, and he has raised the soil share accordingly and left the present share on water the same.
9. The rates for the inám villages will, of course, follow the orders on the Government villages. The proposed special bagait rates for Takli Kazi (Rs. 3) and Nagar Devla (Re. 7-6) should be allowed. It is better that there should be a survey settlement with these high bagait rates than that there should be no survey settlement. In Poona District I am proposing the retention of special motasthal rates, imposed at original settlements, ir cases where the maximum dry-czop rate of the original assessment cannot be increased. The settlements in inám villages are usually sanctioned by the Divisional Commissioner and it is for Government to decide whether, when exceptions of this kind are proposed, their sanotion should not be required. If my proposals for reduced maximum rates in the Government villages are accepted, the rate of Rs. 1-14 should be allowed for Takli Kazi to guard the inamdar against loss. Subject to the remarks on patasthal below I think that Rs, 2 might also be allowed for Akolner in order to dispense with the need of a special motasthal rate. On the whole it is advisable to avoid the speoial motasthal rate whenever practioable. Rs, 2-2 may be sanctioned for Jamb.
10. The proposals for pátasthal in the inám villages are not satisfactory. There is not one village, it is stated, in which the pats are reliable. Mr. Garrett writes of leaving the patasthal rate unohanged but the combined rate is really raised. The patasthal rate for Chas, for example, is now Fis. 8-6, not Rs. 8, as shown in column 21 of Appendix Q. It is not clear why in the case of Chas opportunity was not taken, when raising the dry-crop assessments, of giving some relief to the cultivators of pátasthal lands. The average pátasthal rate has been rasied from Rs. 3-11-2 per acre to Rs. 4-0-10. I propose that, at least, the combined rate be not raised, that is to say the water cess on each number should be reduced by as much as the soil assessment is raised. This means that the combined pátasthal assessment will really be maintained at a Rs. 8 maximum. I think this should be done in all inam villages where patasthal is retained. Indeed it is for consideration whether the caso of the inam villages should not be referred back, on this point, with such instructions or suggestions as Government may see fit to make. No Appendix $Q$ has been submitted for the 4 inam villages recently surveyed. The remarks in paragraph 72 on the pátasthal at Akolner are oot very assuring as to the correctness of the assessment and no estimate is made of the water cess which will result. Till this is known the need of rating Akolner at lis. 2 is not proved.
11. I apologise for the sometrhat disjointed nature of my remarks. There has been little time for dealing with these reports. I trust I may not be deemed over-critioal of the proposals. Me Garrett has been gravely handicapped both by the circumstances in which he wrote this report and by the very short time at his disposal, and whether Government accept his proposals or not they will probably agree that he has set forth the circurnstanoes of the táluka uncommonly well.

I have the honour to be,
Sir,
Your most obedient servant, R. D. BELL,

Acting Settlement Commissioner and
Director, Land Records, Poona.

No. Genl.-878 or 1916.

## From

C. N. SEDDON, Esquire, I. C. S., Acting Commissioner, Central Division;

- To

The CHIEF SECRETARY tŏ GOVERNMENT, - Revenue Department.

Poona, 17th June 1916.

## Sir,

I have the honour to submit Mr. Carrett's Second Revision Settlement Reports for the Parner and Nagar Talukes of the Ahmednagar District. They have been prepared from notes left by Mr. Hey' whose health broke down before he could finish his work. Mr. Garrett has dealt with the matter very capably and deserves the commendation of Government. It is a very fortunate thing that he was available. The opinions of Messrs. Mead and Bell accompany.
2. Párner has now four"groups rated at Re. 1-14-0, Re. 1-10-0, Re. 1-8-0, Re. 1-6-0 and Nagar three at Re. 1-10-0, Re. 1-8-0 and Re.'1-6.0. Ranjangaon in Párner is rated by itself at Re. 1. Mr. Garrett forms three groups in Párner at Rs. 2-2-0, Rs. 2 and Re. 1-14-0, and two in Nagar at Re. 1-14-0 and Re. 1-12-0, These proposals have been accepted by the Collector; in fact they were suggested after consultation with that officer. But Mr. Bell thinks that Nagar might perhaps retain its original three groups, and urges that the rates proposed are too high. He accepts the Parner grouping; the proposals seem to me correct and they may be approved. As for Nagar I find there is a good deal of force in what Mr. Bell says. I am not at all convinced that the proposed grouping is better than the present. The proposals produce ponsidenable rises in certain villages-from the old third group to the new first. I adhere to the opinion I have given in regard to certain other talukas-there is no sufficient reason for any alteration, and the balance of advantages lies in leaving things alone. I am not persuaded that there is no profit in being near the great market of Ahmednagar; and it seems perfectly sound to put the city and the villages upund it in a higher group than others. In any oase with three groups at present differing in rates by two annas only no case is made out for change.
3. On the question of the rates again I am inclined to agree with Mr. Bell. Moderation is very desirable in these dry tracts. The proposals for the eastern parts of Junnar, Purandhar and Haveli, and the orders passed on Sirur, recognize the need for caution. A rise of nearly 30 per cent. in Párner and of $25 \frac{1}{2}$ per cent. in Nagar is perhaps rather more than we should look for. And one cannot agree to an increase of the assessments at Ranjangaon by 70 per cent. I recommend that the rates for Párner be as suggested by Mr. Bell, viz., Rs. 2, Re. 1-14-0, Re. 1-12-0; and that the Nagar groups be left as they are and their rates raised by 4 annas all round to Re. 1-14-0, Re, 1-12-0, and Re. 1-10-0. This leaves Ranjangaon in the Párner Taluka to be rated at Re. 1-12-0 in place of Re. 1 as at present. The change will bring the increase-as may be seen from Mr Garrett's paragraph 72-below the 66 per cent. limit; and though I do not like an increase well over 50 per cent., it is not easy to see how it can be avoided and I would accept the assurances of the Collector that the increase can be borne.
4. I agree with the Settlement Officer's proposals as regards patasthal. For reasons given elsewhere I do not agree with Mr. Bell that "the water cess on each pathasthal number should be diminished by the same amount as the soil
share of the combined assessment is raised." The land should have its jirayat assessment as if it were dry crop land, and a fixed rate should be charged for the water. In the case of these two semi-preoarious talukas the water charge itself may remain as it is. If there is no water we can remit.
5. I would accept the proposals made regarding ${ }^{\text {t the grouping of inam }}$ villages in Párner. With regard to Nagar the villages should go into thoir proper groups as far as possible:-

| Nanlgaon | If at | Re. 1-12-0. |
| :---: | :---: | :---: |
| Nimblak | II | 1-12-0. |
| Kedgaon | I | 1-14-0. |
| Sonewadi | II | 1-12-0. |
| Chas | II | 1-12-0. |
| Baburdi Ghumal | II | 1-12-0. |
| Walki | II | 1-12-0 |
| Hivre | III | , 1-10-0. |
| Ambultradi | III | 1-10-0. |
| Pimpalgaon Ujani | II | 1-12-0. |
| Devgaon | II | , 1-12-0. |
| Ragho. Hirra | II | 1.12-0 |
| Karanji | II | 1-12-0. |

All the villages, except Kedgaon, get by this arrangement slightly less increase than has been proposed. It amounts generally to a reduction from Group I to Group II, and is fair and necessary if we are to keep the present groups.
6. The original settlement of four villages in the Nagar Taluka presents difficulty because of their bagait lands. The survey settlement principles are to be followed, but the rates have to be modified so as to seeure the Inamdars from loss. In the case of Jamb this must be done by imposing a special high rate of Rs. 2-2-0. I see no help for it. Similarly $A$ kolner must apparently be rated at Rs. 2. Takli Kazi and Nagar Devli present a problem which we cannot solve except by allowing a special motasthal rate. This is contrary to our principles, but we must abandon these principles for we cannot otherwise save the Insmdars from loss. It is no use being pedantic about the matter. I entirely agree with what Mr. Bell writes, and with the proposals he makes in his paragraph 9.

7: The pátasthal proposals-for Inami villages in both talukas-may be accepted. The orders of Government are that we should "provide for remission when the supply of water fails".

I have the honour to be,
Sir,
Your most obedient servant,
C. N. SEDDON,

Acting Commissoner, Central Division.

## Revenue Survey and Assessment.

Ahmednagar.
Second revision settlement of the Parner and Nagar tálukas

# GOVERNMENT OF BOMBAY. 

Revenue Drpartment.
Resolution No. 6729.
Bombay Castle, 7th July 1916.
Letter from the Commissioner, C. D., No. Genl-878 dated 17th June 1916-mubLettor from Mr. J. H. Garrott, I. O S, Assigtant Settlement Offeer, mitting, with his remarks, Ahmedoagar, No 8 .-303 dated 22nd May 1916.
Memorandum from the Collector of Ahmednagar No. L.N.D.-7
lated 2ad Jume 1916.
Records No 8 T.-81 dsted 12th June 1916.
coras No B 1.-81 dated 12th June 1916. and Director of Land
Letter from Mr. J. H Garrett, 1. C.S., Assistant Sottlement Officer
hmednagar, No. S-396 dated 2nd Jane 1916.
Memorandum from the Collector of Ahmednagar No. L.N D.-81
Letter Jone 1916
ecoter from the Settiement Commissioner and Drector of Lan
No S T.-80 dated 12th June 1010. the papers specified in the margin, containing proposals for the second revision settlement of the Parner and Nagar. talukas of the Ahmednagar district.

Resolution.-These papers refer to proposals for a second revision settlement of the Párner and Nagar tálukas of the Ahmednagar district.
2. The proposals of the Assistant Settlement Officer were elaborated in. close consultation with the Collector and have been accepted in toto by that officer. In each táluka the number of groups is proposed to be reduced by one by amalgamating the topmost group which in Párner consists of one village and in Nagar of 16 villages round the city of Ahmeduagar, with the group next below. In Parner the further changes made are that ten villages at present ing group II are combined with 25 villages of existing group III and one of existing group IV to form new group II, while the new group III will comprise 22 villages of group III and 7 of group IV as now existing, together with the village of Ranjangaon which being a lapsed inám village was not previously included in any of the recognised groups. In Nagar it is proposed to include the bulk of the villages into group I, viz., the 16 villages of group I already referred to, the whole of group II ( 57 villages) and 21 villages of group III ; while new group II will comprise nine villages lying on the Shrigonda border. The proposed grouping in Párner whioh is based mainly on climatic considerations and to a lesser degree on the state of communioations is accepted by the Settlement Commissioner and the Commissioner and is approved. With regard to the Nagar taluka the Settlement Commissioner is inclined to think that the district officers have discounted unduly the advantages of proximity to the large market of Ahmednagar city. He therefore suggests for consideration the propriety of retaining group I and of adding to the lowest group a few villages in the south of the táluka. The Commissioner is of opinion that no change at all should be made in the existing grouping. This however would cause an anomaly between the rating of the villages in the north-east of the Nagar táluka with those just across the border in Parner. On full consideration Government consider that the central group of 16 villages in the Nagar taluka should be retained as group I and that the remainder of the grouping should be as proposed by the Assistant Settlement Offcer, viz., 78 villages in group II and 9 in group III.
3. The Assistant Settlement Officer recommends an enhancement of the assessment in both tálukas. His recommendation is based on the rise in the value of lands as indicated by sale prices and rents and on the increase in the prices of agricultural produce which are now at least 40 per cent. in excess of those prevaling at the beginning of the settlement period. In Párner the rain: 430-23.
fall is on the average more seasonable than in Nagar and the Collector shows that it is also rather heavier. The facts brought out in the report indicate that Parner is a more favoured tafuka than Nagar and this is allowed for in the rating proposed which is as follows:-

| Parner | -. | Group 1 |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  |  | Group II |  | 2 |
| Nagar |  | Group III | -. | 114 |
|  | ... | Group I | .. | 114 |
|  |  | Group II | .. | 112 |

The Collector is of opinion that these rates are cautiously concoived and may be accepted. The Settlement Oommissioner, on the other hand, after a careful and illuminating review of the revenue history of the tálukas and a comparison with the conditions and rating in the adjoining talukas, suggests a caution in the application of the theory that the enhancement of assessment might justifiably be in proportion to the increase in prices. He recommends a reduction of two annas in the proposed maximum rate of each group. The Commissioner supports this recommendation so far as the Párner taluka is concerned, and proposes that the rates for the Nagar taluka should be Re. 1-14, Rs. 1-12 and Rs. 1-10. The Commissioner's proposals are approved and the following rates are sanctioned:-

|  |  |  |  | Rs, a. |
| :---: | :---: | :---: | :---: | :---: |
| Párner | -* | Groap 1 |  | 20 |
|  |  | Group II | . | 114 |
|  |  | Group III | . 0 | 112 |
| Nagar | m | Group I | $\cdots$ | 114 |
|  |  | Group II | . | 112 |
|  |  | Group III |  | 110 |

4. The Assistant Settlement Officer recommends that no increase should be made in the pátasthal rates. The Settlement Commissioner, however, points out that if, as the Assistant Settlement Officer apparently intends, the land share of the assessment is enhanced under the increased maximum jirayat rate, the combined pátasthal rate will not remsin the same as before. He is of opinion that for patasthal of the poor and precarious quality now in question the combined rate is already sufficiently high and recommends that the water share be reduced by an amount equal to the enhancement of the jirayat share. The Commissioner opposes this proposal and Government accept his view which is based on the ground that the supply of water available is adequate in the pats which are still subject to water assessment, and that remission will be granted when water fails.
5. In Párner the inám villages present no diffculty and, as recommended by the Assistant Settlement Officer, should be included in the appropriate groups. The same is the case also with 13 of the inám villages in the Nagar taluka which should be rated as proposed by the Commissioner in paragraph 5 of his Yetter. There remain the four villages of Jamb, Nagar Devli, Akolner and Takli Kazi, into which the survey settlement is being introduced for the first time. In each case if the villages were rated with the groups to which they naturally belong, the revenue will be much lesŝ than what the inámdár has been accustomed to receive. This is mainly due to the high rates at present levied on bágáyat land and to the large proportion of bágáyat land in one of the villages. With regard to three of the villages there is a consensus of opinion as to the best course to be adopted in order to fulfil the promise to the inámdars that the survey settlement will secure to them at least the same revenue as before. Jamb should be rated at Rs. 2 -2 without a motasthal rate. Nagar. Devli and Takli Kazi should be rated at Bs. 1-14, with special bágáyat rates of Rs. 7-6 for Nagar Devli and Bs, 3 for Takli Kazi. For Akolner the Assistant Settlement Officer suggests two alternatives, of which the Collector supports one and the Settlement Commissioner and the Commissioner are in favour of the other. It is desirable to dispense with a special motasthal rate if possible and the rating of hs, 2 recommended by the Settlement Commissioner and the Commissioner should be adopted.
6. The pátasthal proposals for the inám villages are approved.
7. The revised rates should be introduced in the ourrent revenue year 1915-16, levied in 1916-17 and.guaranteed for a period of thirty years.
G. A. THOMAS,

Deputy Secretary to Government.
G. R. No. 6729, R. D., dated 7th July 1916.

To
The Commissioner, C. D.,
The Collector of Ahmednagar,
The Settlement Commissioner and Director of Land Records,
The Director of Agriculture,
The Accountant General,
The Public Works Department of the Secretariat, The Government of India (by letter).

REVISED APPENDIX Q.
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Effect of Revision Settlement Eroposais on Government oerupis


APPESDIX Q
Tand in the Nagar taluka of the Ahmeduagar Collectorate





APPENDIX Q-concluded.


Wax Water.
V. B. MARDHEKAR,

Superintendent, Land Records, C. De
Effect of Revisoon Settlcment Proposals on occupicd land in an


APPENDIX Q-Inam Villages.
villages of the Nagar Taluka in the Ahmednagar Collectorate.


Showing the orginal settement of the jour Ina

willages in Nagar Talmka of Ahmednagar District.



V. B. MARDHEKAR,

Superintendent, Land Records, C. D.


[^0]:    - The figures of 3909-10 show agricultural stock before the 1912-13 famine, those of $1913-14$ show the reduction caused by famine, those of 1914-15 the recovery since. The famine reduced milch-cattle and young. stock one half, horses and ponies nearly one-half, sheep and goats over cne-third, agricultural cattle one-third. The recovery after one year has bean remarkable. Agricultural cattle are nearly at their old figure. Milch eattle and young stock have .increased nearly 9,000 since 1913-14. Sheep and goats are 7,000 above the ante-famine figures. Horses and ponies have increased.

[^1]:    Inchleuce of proposed general exsessment on rent.

[^2]:    It will be seen that in the last 5 years 60.95 units of produce would bring in as much money as would 100 units in the first fivo years of the lease. This means that prices have risen 63.93 per cent.

    For comparison with earlier periods the attached table gives the deoennial averages since 1845. In this table nigersead has had to be left out, as figares

[^3]:    4 $380-1$ -

[^4]:    A 390-19

[^5]:    4 830-80

