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ANNUAL REPORT

ON THE

MAY 1941
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Survey and Major Settlement
Operations in Bihar, for the year
ending the 30th September, 1940.



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BOARD OF REVENUE, BIHAR.

No. 17-4-6.

FROM

RAI BAHADUR A. D. BANARJI, M.A.,
SECRETARY TO THE BOARD OF REVENUE,
BIHAR,

TO

THE SECRETARY TO THE GOVERNMENT OF BIHAR,
REVENUE DEPARTMENT

Dated Patna, the 17th February 1941.

SUBJECT.—Annual Report on the Survey and Major Settlement Operations for the year
ending the 30th September, 1940.

SIR,

I AM directed to forward the Board's annual report on the survey
and major settlement operations for the year ending the 30th September, 1940.

I have the honour to be,

SIR,

Your most obedient servant,

A. D. BANARJI,

Secretary.

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Report on the Survey and Major Settlement Operations for the year ending 30th September 1940.

CHAPTER I.

General Summary.

1. *Extent of the year's operations.*—The work under section 112, Bihar Tenancy Act, for reduction of rent in the districts of Patna, Gaya, Shahabad and Monghyr, which was continued during the year, consisted of the disposal of objections under section 104-E, disposal of appeals under section 104-G, confirmation and final publication of Rent-rolls, deposit of records and writing of Final Report.

The Jamalpur municipality, excluding the Railway lands, was traversed during the year.

2. *Programme.*—The proposal to take up revisional settlements in districts where settlement and survey records have become out of date has been abandoned for the time being.

The detailed survey of the Jamalpur municipality in the district of Monghyr, excluding Railway lands, has since been taken up.

3. *Settlement staff.*—The post of the Settlement Officer, Bihar Rent Settlement, was held by an officer of the Provincial Civil Service throughout the year. During the year six officers consisting of three Deputy Collectors and three Sub-Deputy Collectors were vested with necessary powers under section 112, Bihar Tenancy Act, to dispose of the pending work under section 112 of the Bihar Tenancy Act, in the four districts of Patna, Gaya, Shahabad and Monghyr in addition to their own work under section 112-A of the said Act.

4. *Final Report.*—During the year, the proof of the Final Report of Dhalbhum Revisional Settlement was submitted to Government. The Final Report on the revisional survey and settlement operations in the district of Ranchi has since been published.

5. *Utilization of survey and settlement records.*—The reports received from the District Officers show that survey and settlement records are fully utilized and their importance and utility are recognised by all administrative departments as also by the public. In several districts, however, the records are already or are going to be out of date and some of the District Officers have again pointed out the necessity of revisional settlement. The records in the districts of Muzaffarpur, Darbhanga, Monghyr, Bhagalpur and Purnea (except Kosi Diara) are now very old and their usefulness has been much impaired by numerous changes brought about in the course of time by sale, gift, exchange and inheritance or subdivision and amalgamation of tenancies. Most of the entries in Purnea, Monghyr and Bhagalpur are reported to have become faded and illegible and a large number of the entries have been recopied in Purnea. The re-copying of the faded record-of-rights in Bhagalpur is under consideration, and it is likely that the work will be taken up next year. The District Officer of Monghyr reports that the application of section 112-A of the Bihar Tenancy Act has further diminished the utility of the survey records so much so that they do not represent even 10 per cent of the existing conditions. It is reported that most of the *gairmazrua* lands have since been brought under cultivation and *bhaoli* lands have been converted into *nakdi* and that a revision of the records at least in the Santal area seems to be imperative. The District Officer of Bhagalpur also reports that in a large part of North Bhagalpur, the records are so much out of date as to be of no use in deciding disputes, and revision of the records is needed.

As reported in previous years, the records in Hazaribagh give little help in cases where *gairmazrua* lands have been subsequently settled or reclaimed

particularly in private estates. Trees grown subsequent to the settlement operations have impaired the accuracy of the records with respect to the entries about them and disputes frequently arise over lac-bearing trees.

6. *Road map.*—The provincial Road Map of Bihar showing details of culverts, bridges and unbridged but fordable *nullahs* is reported to have been generally useful and of assistance to touring officers of all classes and to motorists.

CHAPTER II.

Bihar Survey Office.

7. *General.*—Mr. J. F. Gantzer, M.B.E., was in charge throughout the year except for the periods from the 13th May 1940 to 10th July 1940 and from the 26th September 1940 to the end of the year. During his absence Mr. E. W. Myers, Supervisor, Traverse Section, acted in his place. Mr. Gantzer proceeded on leave with effect from the 26th September 1940 preparatory to retirement. Rai Sahib N. L. Bhattacharji, Deputy Collector, has been selected for the post of the Deputy Director of Surveys, Bihar and has been deputed to the Survey of India Office at Calcutta to receive training.

The policy of reducing expenditure while maintaining a high standard of efficiency was continued during the year under report. The use of Indian made paper and printing ink where possible was made and resulted in a saving of Rs. 2,437. Jail manufactures were also used where found suitable. There was a small decrease in the outturn in the Map Reproduction Section, which resulted in the cost rate per copy rising from Re. 0-3-7 to Re. 0-4-3. As in the previous year, the special claims of the depressed classes were considered in making appointments. One *Kunjra*, one *Dhunja* and one *Dusadh* were appointed in the temporary establishment.

REPRODUCTION SECTION.

8. *General.*—The staff was fully employed during the year. Urgent demands from the Collectors were practically the same as in the previous year. Moreover, map reproduction work was done for the United Provinces Government also.

As reported last year, the work of correction of zinc plates is increasing every year due to demands for copies of very old maps.

A safety guard round the pulley of an electrically driven press has been put up in accordance with the instructions of the Chief Inspector of Factories. During the year, Government have accorded their administrative approval to the project of providing a spare electric motor for use in the Bihar Survey Office.

9. *Outturn.*—The outturn during the year was 9,117 sheets and 117,643 copies against last year's outturn of 9,226 sheets and 123,218 copies.

The details are as follows :—

Kind of maps.	Sheets.	Copies.
1. Extra edition of village and thana maps, Bihar.	5,786	46,135
2. Forest map	7	30
3. Publication of thana maps, Bihar ..	10	1,000
4. Ditto skeleton District maps, Bihar.	1	100
5. Publication of 1/4" district map ..	1	250
6. Maps for Indian States	739	5,745
7. Maps for United Provinces Government	1,268	19,881
8. Miscellaneous maps, plans, graphs and other documents.	1,139	42,833
9. Extra edition of village maps, Orissa ..	166	1,669
Total	9,117	117,643

Apart from the above, 23,395 colour impressions were made.

10. *Cost rate.*—As stated above the cost rate rose to Re. 0-4-3 per copy from Re. 0-3-7 in the last year. It was Re. 0-5-6 in 1937-38 and Re. 0-2-10 in 1936-37.

11. *Recovery.*—The recoveries for blue and black prints used in partition cases and work done for Indian States were Rs. 706-12-0 and Rs. 2,829-12-0 respectively. Including the above and excluding Rs. 548-1-0 for the sale of printed copies of maps, the total recovery for all the extra departmental jobs in the Reproduction and Drawing Sections amounted to Rs. 20,523-6-0 only.

DRAWING SECTION.

12. *Preparation of 1"=4 miles scale District maps—Bhagalpur.*—The remaining drawing work was completed. Originals were corrected in accordance with the proofs received back from the District Officer and sent to the Survey of India for photographic reduction.

Muzaffarpur.—The original for surprinting the roads was prepared and the map was published.

Champaran.—The remaining work of drawing was completed. The proof has been received back from the District Officer and the original, after necessary correction, is being sent to the Survey of India for photographic reduction.

Monghyr.—The remaining work of drawing was completed and proofs have been sent to the District Officer.

Singhbhum.—One-fifth of the drawing work was completed.

Patna.—Half of the drawing work was completed.

Cuttack.—Three-quarters of the drawing work was completed.

13. *Preparation of Skeleton District maps on 1"=8 miles scale—Muzaffarpur.*—The map was completed.

14. *Preparation of 1"=1 mile thana maps.*—The drawing work of the following 18 thanas on 24 sheets was completed during the year:—

Purulia, Barababhum and Raghunathpur of the district of Manbhum, Ghatsila of district Singhbhum, Muzaffarpur of district Muzaffarpur, Bagaha, Shikarpur and Bettiah of district Champaran, Hazaribagh, Barhi, Bagodar, Barkagaon, Ramgarh, Gola and Gunia of district Hazaribagh, Patna City, Fatwa and Phulwari of district Patna.

15. *Preparation of a province map of the Orissa Province on scale 1"=10 miles.*—This was completed last year on one sheet with the southern portion as an inset. This year, at the request of the Orissa Government, the inset portion was redrawn on a separate sheet, together with 5 colour originals.

16. *Preparation of a map of the Orissa Province on scale 1"=16 miles.*—This map showing the different types of hospitals and dispensaries was prepared at the request of the Orissa Government.

17. *Compilation of the Forest map of Baudh State on 1"=2 miles.*—The drawing work including 7 colour originals, was completed.

18. *Bandh and Flood maps of North Bihar for the Irrigation Branch of the Public Works Department.*—Traces of 4 Bandh and Flood maps with 5 colour traces of each map were prepared.

19. *Preparation of miscellaneous maps.*—Three hundred and fourteen graphs, sketches, diagrams and charts were prepared for various Government departments.

20. *Sale of maps.*—The following maps and thana lists were sold during the year :—

Province maps	27	copies.
Road maps	74	"
District maps	388	"

Skeleton District maps	127 copies.
Thana maps, Special	925 "
Town maps	274 "
Special Ganges Diara maps	10 "
Forest maps	71 "
Thana lists	3 "
Miscellaneous maps	3 "

The sale proceeds of maps mentioned above including the mounting charges amounted to Rs. 2,329-4-0 against Rs. 2,901-9-0 last year and Rs. 4,908-6-0 in the year before. Out of the total sale proceeds, a sum of Rs. 336-8-0 is to be credited to the Orissa Government. The decrease in the cash receipts on account of the sale proceeds of maps is due to the fact that since June 1940 as a measure of security, restriction has been imposed on the issue of most of the maps except to Government officers for official use only. The total recoveries on account of certified copies of maps was Rs. 748-4-0.

21. *Free distribution of maps.*—One thousand and fifteen copies of thana maps were distributed to the Police Department for use as crime maps.

Seven hundred and forty-eight copies of the 1"=1 mile scale superseded topographical maps were received from the Map Record and Issue Office, Survey of India at Calcutta. Some of these were distributed to the Divisional Commissioners, Inspector-General of Police and Director of Public Instruction, and the rest sent to the District Officers for use and for sale. The sale of these maps falling in the prohibited category has also been stopped as a measure of security.

22. *Traverse section.*—The main items of work done during the year are mentioned below :—

Maintenance of special Ganges Diara reference pillars.—Forty-two pillars were dealt with during the year. Twenty-three pillars were newly embedded, 13 shifted to safer sites and one was inspected. Action was taken to plot the revised position of the pillars on 16"=1 mile cadastral maps and 4"=1 mile special Ganges Diara maps.

District Monghyr.—The Jamalpur municipality excluding the Railway lands was traversed during the year and 129 sheets on 50'=1" scale were prepared.

District Patna.—Blocks for training of junior officers in survey and settlement work in thanas Phulwari and Dinapore were traversed and 30 sets of plots on 16"=1 mile scale were prepared.

A comparative map of village Kasim Chak, thana Dinapore, showing boundaries of different surveys was prepared and supplied to the Subdivisional Officer, Dinapore.

Districts Darbhanga and Patna.—Trace copies of comparative maps of village Rasper Patasia, no. 188 in district Darbhanga, and of village Chaparson no. 1250 in district Patna, were prepared after showing boundaries of certain surveys not shown in the map prepared in 1932-33 on 4"=1 mile scale.

ORISSA.

23. *District Ganjam.*—(i) Plots of the remaining 328 villages, 253 sub-traverses, 45 disputed lines and 3 Chitt Arazies in Estates Sunnokhemidi, Bodogodo, Surangi and Palur were prepared on 32"=1 mile scale and sent to the Settlement Officer, Berhampore. The final completion of the records is in hand.

(ii) Nine Malukdari villages in Aska Taluka were traversed and plots on 32"=1 mile scale were prepared and supplied to the Settlement Officer at Berhampur.

CHAPTER III.

Bihar Rent Settlement.

24. *Programme.*—The programme for the year consisted of—

- disposal of objections under section 104-E of the Bihar Tenancy Act, in the district of Monghyr.
- disposal of appeals under section 104-G of the Bihar Tenancy Act.
- confirmation and final publication of the Rent-rolls.
- deposit of records.
- writing of the Final Report.

25. *Staff.*—Rai Bahadur Sinheshvar Prashad Sinha was in charge of the operations throughout the year. During the year under report, six officers were vested with powers under section 112 of the Bihar Tenancy Act to dispose of the pending work under that section in the districts of Patna, Gaya, Shahabad and Monghyr in addition to their own duties under section 112-A of the Bihar Tenancy Act.

26. *Objections under section 104-E.*—In north Monghyr, 413 objections under section 104-E of the Bihar Tenancy Act were pending for disposal from the last year. Two-thousand, six hundred and fifty-four objections more were filed during the year. These have all been disposed of.

27. *Appeals under section 104-G.*—Fifty-eight appeals were pending from last year and 15 were filed during the year under report, making a total of 73, of which 63 were disposed of during the year under report.

28. *Confirmation and final publication of the Rent-rolls.*—There were altogether Rent-rolls of 6,019 villages for confirmation (not 5,719 as reported last year). Rent-rolls of 5,653 villages were confirmed up to the last year and the Rent-rolls of the remaining 366 villages have been confirmed during the year. The remaining Rent-rolls of 2,450 villages were also published in final form during the year under report.

29. *Result of Rent Reduction :*

Name of subdivision.	Total number of villages.	Total number of holdings whose rent was reduced.	Total rent of holdings before reduction.	Total rent after reduction.	Percentage.
1	2	3	4	5	6
PATNA DISTRICT.					
Patna Sadr	352	10,195	3,10,237	2,19,413	29
Dinapore	452	20,494	2,94,335	2,24,500	24
Barh	361	11,925	3,14,157	2,44,255	22
Bihar	619	19,856	7,04,708	5,41,552	23
GAYA DISTRICT.					
Gaya Sadr	831	11,643	5,15,951	3,84,830	25
Aurangabad	788	14,622	7,32,262	5,06,900	31
Jehanabad	522	13,041	5,25,444	3,62,396	31
SHAHABAD DISTRICT.					
Arrah Sadr	558	14,653	2,33,055	1,92,712	17
Sasaram	561	8,191	1,71,629	1,43,692	16
MONGHYR DISTRICT.					
Monghyr Sadr	658	10,937	1,82,646	1,35,317	25
Jamui	317	11,309	1,64,516	1,27,252	23

30. *Deposit of records.*—Rent-rolls of 695 villages of the district of Shahabad, of 1,314 villages of the district of Patna, of 1,353 villages of the district of Gaya, and of 742 villages of the district of Monghyr and records of 99 appeal cases of the district of Monghyr were deposited into the Collectorate Record Room during the year under report.

31. *Cost of the operations.*—Up to the 30th September 1940, expenditure amounted to Rs. 1,63,409-9-6 and receipts to Rs. 94,589-13-0.

CHAPTER IV.

Miscellaneous.

32. *Municipal Surveys.*—The Jamalpur municipality excluding the Railway lands was traversed and plots on 129 sheets on 50' = 1" scale were prepared during the year under report. The detailed survey of the municipality has since been taken up.

33. *Maintenance of boundary between this province and Nepal.*—The work done during the year for maintenance of the boundary between Nepal and the districts of Champaran, Muzaffarpur, Darbhanga, Purnea and Bhagalpur was as follows :—

In Champaran the work done consisted of—

- (1) inspection of the two pillars and reference pillars near Sonapancha river ;
- (2) joint inspection of the spot to restore wooden post no. 27 in village Nusharwa ;
- (3) joint inspection of the boundary from pucca pillar no. 56 to pucca pillar no. 17 ;
- (4) restoration of certain wooden posts between pucca pillars 17—18, 20—26 and 29—30 ; and
- (5) joint inspection of Pasaha chak between pucca pillar no. 26 and wooden post no. 23—25.

In Muzaffarpur, the boundary between pillar nos. 39 and 56 was jointly inspected by the Kanungo of the district and a representative of the Nepal Government, and pillar no. 56 was replaced by a screwpile pillar.

The work done in the district of Darbhanga consisted of repairs to three wooden pillars nos. 1 to 3, pucca pillars nos. 41 to 46, 37 and 32 to 35 and to the reference pillars to pucca pillars nos. 2, 4, 9 and 10. Eighteen pucca pillars on the boundary between Nepal and Araria Sub-Division in the district of Purnea were thoroughly repaired.

In Bhagalpur wooden posts nos. 73 to 78, 79c, 80, 82 and 83 were replaced and pucca pillars no. 12 and 13 were thoroughly repaired and white-washed. The border *bandh* from pucca pillar no. 13 to pucca pillar no. 12 was also repaired.

34. *Maintenance of the boundary between this province and the Indian States.*—In the district of Singhbhum, 120 pillars on the Kolhan-Mayurbhanj boundary and 10 pillars on the Dhalbhum-Seraikela boundary which were damaged, were restored and 6 pillars on the Kolhan-Kharsawan boundary which were missing or damaged were replaced or repaired. Besides this a dispute regarding the correctness of the positions of the boundary ridge and pillars on the boundary between Kharsawan State and Porahat estate was also decided during the year under report.

35. *Forest Surveys.*—Print copies, one each, of 102 sheets on 16" = 1 mile scale of Baresand and Kumandi reserved forests and 3 forest villages were sent to the Divisional Forest Officer, Palamau, for deciding which boundary is to be accepted for re-notification. This completes the despatch of all the sheets except two of the 46 Forest Blocks, which were surveyed during 1936-37 and 1937-38.

36. *Maintenance of boundary marks.*—An extract of the more important facts are given in Appendix VI.

Inspection of boundary marks was good in Patna, Gaya, Saran, Champaran, Bhagalpur, Purnea, Ranchi, Hazaribagh, Manbhum and Singhbhum, fair in Shahabad and Muzaffarpur and poor in Darbhanga, the Santal Parganas and Palamau. In Palamau, no inspection was done in the zamindari estates, even this year but 516 damaged or missing marks were restored. The work of restoration was good in Patna, Shahabad, Mongyr, Hazaribagh, Palamau and Manbhum, fair in Gaya, Saran and the Santal Parganas and poor in Champaran, Muzaffarpur and Bhagalpur. In Ranchi five boundary marks which were damaged were repaired during the year. No work of restoration was done in Purnea and Singhbhum owing to the fact that in Purnea stones were not received in time and in Singhbhum all the marks pending restoration still lie in the river bed. The work of restoration in Darbhanga is in arrears but it is reported to be in progress. It is also in arrears in Champaran, Muzaffarpur, Bhagalpur and Purnea. In Champaran, it is reported that some of the marks could not be restored owing to diluvion. The heavy balance in Muzaffarpur is also reported to be due to the fact that a considerable area is *diara*, subject to alluvion and diluvion. The Collector of Bhagalpur reports that the missing marks in North Bhagalpur could not be restored as they are subject to inundation by the Kosi. As in the last year, in Hazaribagh the number of marks inspected during the year exceeds the actual number of marks in the district for the reason that the same marks were inspected more than once by different agencies. It is reported that the officers concerned have again been asked to be careful in future to avoid double inspection. The account of the boundary marks fund stands as follows :—

			Rs.	a.	p.
Balance on 31st March 1939	..	..	37,880	6	7
Receipt during the year	..	..	Nil.		
Expenditure during the year	..	..	3,564	0	9
Balance on 31st March 1940	..	..	34,316	5	10

37. *Sale of maps by District Officers.*—The number of maps sold by District Officers in the three financial years is given below :—

Year.	Village maps.	Detailed thana maps.	Skeleton thana maps.	Irrigation and other maps.	Thana lists.	Sale proceeds.	
1	2	3	4	5	6	7	
						Rs.	
1937-38	...	16,618	373	787	122	92	9,552
1938-39	..	25,947	219	668	28	98	13,835
1939-40	...	20,363	130	635	54	58	10,760

The sales of village maps were the largest in Darbhanga, Muzaffarpur, Singhbhum, Bhagalpur, Hazaribagh, Gaya, Shahabad and Santal Parganas with numbers 2,823, 1,901, 1,845, 1,779, 1,420, 1,401, 1,328 and 1,317, respectively. The Deputy Director of Surveys, Bihar, supplied 36,403 sheets of village maps to District Officers to replenish their stock of saleable maps out of which 5,421 sheets were supplied to the District Officer of Purnea and 4,717 sheets to the District Officer of Shahabad.

38. *Maintenance of thana maps and lists.*—During the year under report seven notifications affecting police station jurisdictions were issued by Government. Action to correct the thana maps and lists will be taken by the Deputy Director of Surveys, Bihar, where necessary.

39. *Training of officers in Survey and Settlement work at camp Patna.*—As in previous years, a substituted course of training was arranged for six weeks commencing from the 2nd January 1940 at Patna. In all, 27 officers were deputed, of whom, six were Junior Civilians, six Deputy Collectors, four Sub-Deputy Collectors, three Assistant Superintendents of Police, one Deputy Superintendent of Police, four Munsifs and three Kanungos. Mr. J. F. Gantzer, M.B.E., Deputy Director of Surveys, Bihar, was in charge of the training camp and instruction was imparted by him and by Mr. E. W. Myers, Supervisor of the Bihar Survey Office. The officers derived considerable benefit from the training.

40. *Training of Police Officers and cadets in Survey and Settlement work at Hazaribagh.*—As in previous years, a course of training was arranged through the Deputy Commissioner of Hazaribagh for about a fortnight commencing from the 15th August 1940 and Mr. F. M. Hollow, a Deputy Magistrate and Deputy Collector re-employed in the general line, conducted the course of training, 59 cadets, five Assistant Superintendents and two Deputy Superintendents of Police attended the course. In the morning hours the officers and cadets were trained in practical plane-table survey and in the afternoon, lectures were delivered on the Survey and Settlement Manual. The knowledge imparted to the officers will be useful to them in their practical work.

41. *Charge of the Department.*—As in previous years, the Member, Board of Revenue, performed the duties of the Director of Land Records and Surveys, in addition to his own. The Member inspected the training camp of Police cadets at Hazaribagh in August last.

42. *Merits of Officers.—Bihar Rent Settlement.*—Rai Bahadur Sinheshvar Prashad Sinha remained in charge of the operations for the whole of the year under report, in addition to his own duties as Rent Officer, Bihar. He worked hard and efficiently.

He has testified to the good work done by the Assistant Settlement Officers under him.

Bihar Survey Office.—Mr. J. F. Gantzer, M.B.E., Deputy Director of Surveys continued to work efficiently. He proceeded on leave in September 1940 preparatory to retirement.

APPENDIX IV

Statement showing progress of survey and settlement work in the province by districts and divisions up to 30th September 1940.

District.	Total area of district (in square miles).			Area which has been cadastrally surveyed for which a record-of-rights has been prepared or which has been settled under the Regulations up to 30th September 1940 (in square miles).			Area covered by topographical, municipal or forest survey for which no record-of-rights has been prepared up to 30th September 1940 (in square miles).			Area outstanding (in square miles).			Remarks.
	Permanently settled.	Not permanently settled.	Total.	Permanently settled.	Not permanently settled.	Total.	Permanently settled.	Not permanently settled.	Total.	Permanently settled.	Not permanently settled.	Total.	
1	2	3	4	5	6	7	8	9	10	11	12	13	14
<i>Patna Division.</i>													
Patna	2,080	60	2,120	2,029	38	2,067	31	23	53	...	...	...	...
Gaya	4,562	186	4,748	4,651	186	4,737	11	...	11	...	...	...	...
Shahabad	4,353	93	4,340	4,171	92	4,263	62	1	83	...	...	...	...
Divisional total ...	10,975	339	11,214	10,761	316	11,077	124	23	147	...	...	...	...
<i>Tirhut Division.</i>													
Saran	2,635	49	2,677	2,484	4	2,488	144	46	180	...	...	...	...
Champanan	3,533	3	3,536	3,243	3	3,246	200	...	200	...	...	...	...
Muzaffarpur	2,991	32	3,023	2,980	...	2,980	2	33	34	...	...	...	...
Darbhanga	3,345	3	3,348	3,301	2	3,303	44	1	45	...	...	...	...
Divisional total ...	12,497	87	12,584	12,017	9	12,026	480	78	558	...	...	...	...
<i>Bhagalpur Division.</i>													
Monghyr	3,707	114	3,811	3,713	114	3,827	84	...	84	...	...	...	...
Bhagalpur	4,114	44	4,158	3,742	43	3,785	272	1	373	...	...	...	...
Purnea	4,977	17	4,994	4,803	16	4,819	174	1	175	...	...	...	...
Santal Parganas ...	4,088	1,360	5,438	4,078	1,360	5,428	10	...	10	...	...	...	...
Divisional total ...	16,873	1,525	18,398	16,338	1,523	17,861	640	9	649	...	...	...	...
<i>Chota Nagpur Division.</i>													
Hazaribagh	6,782	204	6,986	6,720	201	6,920	3	53	56	...	...	...	...
Ranchi	6,031	165	6,196	6,018	165	6,183	13	...	13	...	...	...	...
Palamau	4,208	606	4,814	4,297	345	4,642	1	261	262	...	...	...	...
Manbhum	4,040	46	4,086	4,043	40	4,083	6	...	6	...	...	...	...
Singbhum	1,963	1,919	3,882	1,784	1,361	3,145	100	538	737	...	...	...	...
Divisional total ...	24,023	2,840	26,863	25,771	2,138	25,909	229	659	1,074	...	...	...	...

APPENDIX V.

Statement showing the outturn of the Bihar Survey Office with the expenditure incurred during the year ending the 30th September 1940.

District.	Description of work.	Years of commencement of operations.	Total work to be done.	Work done during the year.	Work remaining to be done.	Actual cost.	Remarks.
1	2	3	4	5	6	7	8
			MAP REPRODUCTION SECTION.			Rs. a. p.	
	Extra edition of village and thana maps.		5,786 sheet(s)	5,786 sheet(s)		21,668 0 0	Includes Rs. 205 for making fresh trace of the originals and for direct reproduction by the vandyk process.
	Forest maps		7 "	7 "		25 0 0	
	Publication of skeleton thana maps.		10 "	10 "		108 0 0	
	Publication of skeleton district maps.		1 "	1 "		19 0 0	
	Publication of 1/4" district map.		1 "	1 "		113 0 0	
	Miscellaneous maps (Departmental and extra-departmental).		1,139 "	1,139 "		12,234 0 0	
	Maps for Indian States and U. P. Government.		2,007 "	2,007 "		7,167 0 0	
Orissa	Extra edition of village and thana maps.		166 "	166 "		627 0 0	
			BIHAR.				
	Compilation of detailed district maps.				Total	43,341 0 0	
			DRAWING SECTION.				
Bhagalpur	Revision	1937-38					Completed previously.
Muzaffarpur	Do.	1937-38	1 sheet	1 sheet			Roads surveyed during the year.
Singbhum	New	1937-38	8 1/2 "	1 "	2 1/2 sheets		1 sheet was previously completed.
Champanan	Revision	1937-38	1 "	1 "		3,434 0 0	Completed during year. 3 sheets previously plotted.
Monghyr	Do.	1938-39	2 "	2 "			Completed during year. 2 sheets previously plotted.
Patna	Do.	1939-40	2 "	1 "	1 sheet		In hand.
Muzaffarpur	Compilation of skeleton district maps.	1939-40	1 "	1 "		157 0 0	Completed during year.
	Compilation of skeleton thana maps.						
Do.	Lalganj	1938-39	5 "	1 "			Completed previously.
	Mahua						Ditto.
	Hajipur						Ditto.
	Muzaffarpur						Completed during year.
	Gaurangdih						Completed previously.
	Para						Ditto.
	Jhalda						Ditto.
	Manbazar						Ditto.
	Nirra						Ditto.
	Gobindpur						Ditto.
	Topchanehi						Ditto.
Manbhum	Uhas	1937-38	18 "	5 "			Ditto.
	Jhata						Ditto.
	Tundi						Ditto.
	Baghmundi						Ditto.
	Fazolla						Ditto.
	Barahabham						Ditto.
	Raghuashtpur						Completed during year.
	Chandhi						Ditto.

APPENDIX V—contd.

Statement of outturn of the Bihar Survey Office, with expenditure incurred during the year ending the 30th September 1940—contd.

District.	Description of work.	Year of commencement of work.	Total work to be done.	Work done during the year.	Work remaining to be done.	Actual cost.	Remarks.
1	2	3	4	5	6	7	8
			DRAWING SECTION—contd.			Rs. a. p.	
Singbhum	Ghalahla	1937-38	5 sheets	1 sheet			Completed during the year, 4 sheets were previously completed.
	Motibari						Completed previously.
	Adapur						Ditto.
	Dhaka						Ditto.
	Kesariya						Completed previously. 6 sheets were finally completed during the year.
Champanan	Bagaha	1938-39	13 "	7 "			Ditto.
	Shikarpur						Completed previously.
	Bettiah						Ditto.
	Gobindganj						Completed previously.
	Madhuban						Ditto.
	Hazaribagh						Completed during the year.
	Barhi						Ditto.
	Bagodar						Ditto.
	Barkagaon						Ditto.
	Ramgarh						Ditto.
	Gola						Ditto.
	Gunia						Ditto.
	Mandu						Ditto.
	Pitarbar						Ditto.
	Kodarma						Ditto.
	Jainagar						Ditto.
	Champanan						Ditto.
	Itkhor						Ditto.
Hazaribagh	Ichak	1939-40	34 "	7 "	27 sheets	3,254 0 0	Not taken up.
	Hunterganj						Ditto.
	Partabpur						Ditto.
	Chatra						Ditto.
	Senaria						Ditto.
	Gawan						Ditto.
	Satgawan						Ditto.
	Kharagdiha						Ditto.
	Dhanwar						Ditto.
	Birni						Ditto.
	Giridih						Ditto.
	Bengabal						Ditto.
	Damri						Ditto.
	Nawadth						Ditto.
	Pirtaur						Ditto.
	Patna						Completed during the year.
	Fatwa						Ditto.
	Phulwari						Ditto.
	Dinapore						Ditto.
	Maner						Ditto.
Patna	Bikram	1939-40	13 "	3 "	10 "		In hand.
	Hilisa						Ditto.
	Islampur						Ditto.
	Bihar						Ditto.
	Bah						Not taken up.
	Mekaneh						Ditto.
	Massurbi						Ditto.

APPENDIX V—contd.

Statement of outturn of the Bihar Survey Office, with expenditure incurred during the year ending the 30th September 1940.

District.	Description of work.	Year of commencement of work.	Total work to be done.	Work done during the year.	Work remaining to be done.	Actual cost.	Remarks.
1	2	3	4	5	6	7	8
DRAWING SECTION—contd.							
Champanan	Bands and flood maps of the North Bihar.	1939-40	20 sheets	20 sheets	...	...	Completed during the year.
Muzaffarpur	.....	.....	.....	.....	.....	.....	.....
Darbhanga	.....	.....	.....	.....	.....	.....	.....
North Bhagalpur	.....	.....	.....	.....	.....	.....	.....
Unforeseen and miscellaneous maps.							
Santal Pergants	.....	.....	.....	.....	.....	5,816 0 0	.....
Bhagalpur	.....	.....	.....	.....	.....	.....	.....
Champanan	.....	.....	.....	.....	.....	.....	.....
Darbhanga	.....	.....	.....	.....	.....	.....	.....
Monghyr	.....	1939-40	.....	308	.....	.....	Ditto.
Muzaffarpur	.....	.....	.....	.....	.....	.....	.....
Singhbhum	.....	.....	.....	.....	.....	.....	.....
Purnea	.....	.....	.....	.....	.....	.....	.....
Manbhum	.....	.....	.....	.....	.....	.....	.....
Patna	.....	.....	.....	.....	.....	.....	.....
Palamau	.....	.....	.....	.....	.....	.....	.....
ORISSA.							
Compilation of detailed district maps.							
Cuttack	Revision	1939-40	4 sheets	3	1 sheet	644 0 0	In hand.
Puri	Do.	1939-40	4	.....	.....	.....	Not taken up.
Compilation of Orissa Province map.							
Orissa	New	1939-40	2	2	.....	.....	Completed during the year.
Compilation of forest map.							
Eastern Orissa, Estate	Hand State	1939-40	1	1	.....	.....	Ditto.
Compilation of province map of Orissa showing hospitals and dispensaries.							
Orissa	New	1939-40	3	3	.....	.....	Ditto.
Revision of skeleton thana maps.							
Balasore	.....	.....	.....	.....	.....	411 0 0	.....
Jalasore	.....	.....	.....	.....	.....	.....	.....
Baliapal	.....	.....	.....	.....	.....	.....	.....
Basta	.....	.....	.....	.....	.....	.....	.....
Balasore	Soro	1939-40	9	.....	.....	.....	Not taken up.
Bhadrak	.....	.....	.....	.....	.....	.....	.....
Basudebpur	.....	.....	.....	.....	.....	.....	.....
Chandil	.....	.....	.....	.....	.....	.....	.....
Dhamnagar	.....	.....	.....	.....	.....	.....	.....
Unforeseen and miscellaneous maps.							
Ganjam, Puri	.....	1939-40	.....	11 sheets	.....	.....	Completed during the year.

Statement showing outturn of the Bihar Survey Office, with expenditure incurred during the year ending the 30th September 1940—concl'd.

District.	Description of work.	Date of commencement of operation.	Total work to be done.	Work done during the year.	Work remaining to be done.	Actual cost.	Remarks.
1	2	3	4	5	6	7	8
BIHAR TRAVERSE SECTION.							
Saran, Darbhanga, Bhagalpur, Purnea and Monghyr.	Maintenance of the Special Ganges Diara Reference pillars. In all 42 pillars to be dealt with.	24-11-1939	Embedding of 23 pillars, shifting of 18 pillars and inspection of 1 pillar.	Newly embedded 23 pillars, shifted 18 pillars and inspected 1 pillar.	Plotting on the 16"=1 mile cadastral survey maps as well as on the 4"=1 mile. Special Diara maps concerned, the revised position of the pillars affected and despatch to the Collector concerned the traces of those plots.	Rs. a. p. 2,899 0 0	.....
Monghyr	Traverse survey of the Jamalpur Municipality excluding the entire Railway land.	12-2-1940	Traverse Survey of the Jamalpur Municipality excluding the entire Railway land.	Traversed the municipality excluding the entire Railway land and prepared the 50"=1" plots on 129 sheets.	Despatch of the 50"=1" plots for detail survey to the Superintendent of Surveys, Jamalpur Municipality.	4,468 0 0	.....
Patna	Traverse Survey of the training blocks in thanas Phulwari and Dinapore.	6-11-1939	Traverse Survey of the training blocks.	Traversed the training blocks and prepared 39 sets of plots on scale 16"=1 mile.	Nil	658 0 0	.....
Patna	Preparation of the 4"=1 mile and the 16"=1 mile comparative map of village Kashim Chak, no. 16 in thana Dinapore showing the Revenue Survey, Diara Survey, cadastral Survey of different seasons, Foleys Survey and Gultas Survey boundaries.	13-6-1938 and 1-10-1939	Preparation of the comparative map on scales 16"=1 mile and on 4"=1 mile.	Prepared the comparative maps and sent two copies of the comparative map on scale 16"=1 mile to the Subdivisional Officer, Dinapore.	Nil	74 0 0	.....
Darbhanga and Patna.	Preparation of the 4"=1 mile comparative map of village Raspur Patasia, no. 183 in district Darbhanga and of village Chaparsan 1350 in district Patna showing certain surveys non-existent on the 4"=1 mile comparative of the above villages of season 1932-33.	14-7-1940	Preparation of the 4"=1 mile comparative map of villages Raspur Patasia no. 183 in district Darbhanga and Chaparsan 1250, in district Patna.	Utilised the 4"=1 mile comparative map of 1932-33 concerned and showed on the map certain surveys which were not shown previously. Then sent a trace copy of the comparative map to the Secretary, Board of Revenue, Bihar.	Nil	387 0 0	.....
Palamau	Survey of boundaries of 48 Forest blocks in the Palamau Forest Division, dealt with in seasons 1936-37 and 1937-38.	1-10-1938	Despatch of 5 copies of the field sheets, and preparation of area statement and of boundary statement.	Copies of 103 sheets despatched.	(i) Copies of two sheets to be despatched. (ii) Area statement and boundary statement to be prepared.	45 0 0	.....
ORISSA.							
Ganjam	Traverse survey of 404 unsurveyed estate villages dealt with in season 1938-39.	2-4-1938	Preparation of the 32"=1 mile plots of the remaining 328 villages in estates Sannukhemidi, Bodogodo, Surangi and Palur.	Prepared the 32"=1 mile plots of the remaining 328 villages and then sent to Settlement Officer, Ganjam and Koraput districts.	Final completion of the traverse table including the preparation of Fly leaves and of indexes.	8,220 0 0	.....
Ganjam	Traverse survey of 9 Malukdari villages in Aka Taluk.	14-2-1940	Traverse survey of the 9 Malukdari villages.	Traversed the 9 Malukdari villages. Then prepared 33"=1 mile plot of those and then sent the plots to the Settlement Officer, Ganjam and Koraput districts.	Ditto	694 0 0	.....

APPENDIX VI.

Statement showing the number of boundary marks inspected and the number restored during the year ending the 31st March, 1940.

District.	Total number of marks.	Number inspected.	Total number to be restored (including those pending from previous year).	Number restored.	Agency by which inspected.
1	2	3	4	5	6
Patna ...	5,508	5,356	448	350	Both superior or subordinate agencies not specified.
Gaya ...	13,422	12,730	597	293	Subdivisional Officers, Khas Mahal Officers and Police Officers.
Shahabad ...	11,962 (a)	4,943	187	114	Agency not specified.
Saran ...	10,014	9,559	322	138	Police officers.
Champanan ...	6,070	5,271	783	187	Ditto and employees of Bettiah Wards estate.
Muzaffarpur ...	16,027	7,312	693	140	Thana officers.
Darbhanga ...	8,332	2,241	9,710	33	Agency not specified.
Monghyr ...	8,378	1,085	427	325	Ditto:
Bhagalpur ...	9,783	6,973	2,495	91	Thana officers, Kanungos and other touring officers.
Purnea ...	10,794	6,943	1,109	...	Thana officers.
Santal Parganas ...	22,676	7,162	598	389	District Kanungo, Sardars, Sub-Inspector of Police, Parganaite in Damin areas and Tahsildars in Government estates and also by Subdivisional Officers.
Ranchi ...	6,785	6,056	5	5	Khasmahal Officer, Tahsildar in Government estates, Manager Wards and Encumbered estates, etc.
Hazaribagh ...	13,743	20,682 (b)	258	258	Khasmahal Officer, Tahsildar in Government estates, Manager, Wards and Encumbered Estates, and the Police.
Palamau ...	6,802	1,327	123	123	Khasmahal Officer, Tahsildar, etc.
Manbhum ...	18,925	11,818	3,448	3,428	(x) 516 damaged or missing marks in the zamindari area were also restored. Land Acquisition Deputy Collector, Tahsildars of the Encumbered estates, etc.
Bhaghbhum ...	6,310	6,300	18*	...	Inspectors, Mankis and Mudas.

* Lie on the river bed.

(a) Revised figure.

(b) Figures not accurate as some marks were inspected more than once by different agencies.

No. ¹⁹¹³ S-39 R.

GOVERNMENT OF BIHAR.
REVENUE DEPARTMENT.

RESOLUTION.

Patna, the 22nd March 1941.

READ—

Letter no. 17-4-6, dated the 17th February 1941, from the Secretary to the Board of Revenue, Bihar, submitting the Board's annual report on the work of the Department of Land Records and Surveys, Bihar, for the year ending the 30th September 1940.

As in previous years the Member, Board of Revenue, remained in charge of the Department throughout the year in addition to his own duties.

2. The Provincial Government have recognised for many years the need of undertaking revisional surveys and settlements in districts where the record of rights is now out of date, but in view of the difficulties brought about by the war they have decided to abandon these proposals for the time being. They have decided that the settlement records of the Bhagalpur district which were prepared over 30 years ago should be re-written.

3. During the year under report a traverse was made of the Jamalpur municipality (excluding railway lands) in the district of Monghyr, and afterwards a detailed survey has commenced.

4. Bihar Survey Office.—Mr. J. F. Gantzer, M.B.E., who was in charge of the office for the whole year, except for the periods from the 13th May 1940 to the 10th July 1940 and from the 26th September 1940 to the end of the year, proceeded on two months' leave with effect from the 26th September 1940 preparatory to retirement. Mr. E. W. Myers, Supervisor, traverse section, acted in his place until he was relieved by Rai Sahib Nila Lohita Bhattacharji, Deputy Collector, who has since been appointed to the post of Deputy Director of Surveys, after training in the Survey of India Office, Calcutta.

5. Bihar rent settlement.—Rai Bahadur Sinheshvar Prasad Sinha was in charge of the rent settlement throughout the year. The programme for the year consisted of the disposal of objections under section 104-E and of appeals under section 104-G of the Bihar Tenancy Act, the confirmation and the final publication of rent rolls, the deposit of records and the preparation of the final report. During the year six officers exercised powers under section 112 of the Tenancy Act for the disposal of pending work under that section in the districts of Patna, Gaya, Shahabad and Monghyr in addition to their duties under section 112-A of the Act. The cost of the operations up to the close of the year under report amounted to Rs. 1,63,409-9-6. In north Monghyr 413 objections under section 104-E of the Bihar Tenancy Act were pending for disposal at the close of the previous year and 2,654 new objections were filed during the year under report. All these objections have been disposed of. Of 73 appeals under section 104-G of the Act 63 were disposed of during the year under report.

6. Miscellaneous.—As in previous years a course of training in survey and settlement work was given to 27 officers at Patna for a period of six weeks from the beginning of January 1940.

7. The Governor is pleased to acknowledge with thanks the services of the Member, Board of Revenue, for his efficient administration of the department, and the services rendered by the other officers mentioned in paragraph 42 of the report.

ORDER.—Ordered that a copy of the resolution be published in the *Bihar Gazette*.

By order of the Governor of Bihar,
R. A. E. WILLIAMS,
Secretary to Government.

MEMO. NO. 1813-R.

Patina, the 22nd March 1941.

Copy with a copy of the report, forwarded to the Secretary to Board of Revenue, Bihar.

() For Appointment Department only. the Appointment Department, for information Director of Publicity.

(with reference to paragraph 7 of the above resolution).

J. D. MISRA,
Assistant Secretary to Government.

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