

CONFIDENTIAL

SURVEY OF INDIA REPORTS
CONFIDENTIAL SUPPLEMENT

1924 TO 1925



From 1st October 1924
To 30th September 1925

PUBLISHED BY ORDER OF
Colonel Commandant E. A. TANDY, R.E.,
SURVEYOR GENERAL OF INDIA.



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INTRODUCTION.

1. **Annual Reports** of the Survey of India are now published in three main parts:—

- (a) *Map Publication and Office Work Report*, including indexes showing the progress of publication on all scales.
- (b) *Geodetic Report*.
- (c) *General Report*, containing abstracts of the above two reports, and giving detailed descriptions of field surveys only, with an index showing the progress of topographical surveys and compilation.

2. **The present Supplement** shows confidential matter, which has to be excluded from the above reports. This mostly relates to surveys and publications beyond the "F. O. U. O." line, which is shown in blue on the indexes in this volume. Maps on scales of 8 miles to 1 inch and larger scales, which fall outside the "F. O. U. O." line, are classed as "For Official Use Only", and must be reported separately in this confidential supplement.

3. **The Indexes** in this volume are therefore of particular interest, since they alone can show all modern maps and surveys on topographical scales, whether within or beyond the "F. O. U. O." line. The first of these indexes shows modern topographical surveys and compilations to date, while the other two show map publication on various topographical scales. Maps published prior to 1905 are not shown on these indexes, being drawn in old style and based on the longitude of 1815, which was about 2 miles out of position.

4. "F. O. U. O." maps shown on these indexes, i.e., those beyond the "F. O. U. O." line, can only be issued to officers in Government service on receipt of properly countersigned indents, and to other persons by special permission obtainable through the Surveyor General, or from the Government of India.

The following officers are authorized to countersign indents for "F. O. U. O." maps required by officers in Government service.

1. Secretaries to the Government of India and Local Governments.
 2. Agents to the Governor-General.
 3. Air Officer Commanding, R. A. F.
 4. Military Staff Officers of rank not lower than Staff Officer, 1st grade.
 5. Brigade Commanders and their Brigade Majors.
 6. Commandant, Staff College, Quetta.
 7. Commandant, Senior Officers School, Belgaum.
 8. Surveyor General (for use of the Survey of India).
 9. Director, Geological Survey of India (for use of the Geological Survey).
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II. SURVEYS AND EXPLORATION.

5. **Nepāl Survey Detachment.**—At the request of His Highness the Prime Minister of Nepāl, this detachment was formed on the 1st October 1924 to carry out a rapid reconnaissance survey of Nepāl on the scale of 1 inch to 4 miles with a view to the production of a reliable map on the scale of 1 inch to 8 miles. The total area surveyed up to the 15th June 1925, when the field work had to be closed by the arrival of the monsoon, was 7,925 square miles.

To supply data to the surveyors, the reconnaissance was supplemented by triangulation, which emanated from a base-line measured near Kātmandu. The triangulation extended over an area of almost 8,000 square miles.

The area surveyed covered the Kātmandu valley and the surrounding hills, which ranged in altitude from 4,500 to 19,000 feet. The ground was very intricate and difficult, much of the southern portion being forest-clad hills and in the Tarai.

Mr. Jugal Behari Lal, Sub-Assistant Superintendent, was in charge of the detachment and with computer Mahesha Nand was responsible for the triangulation; the plane-tableing was done by Mr. Lalbir Singh, Sub-Assistant Superintendent, and surveyor Hari Singh Thapa.

6. **Surveys for the Anglo-Persian Oil Company.**—The following detachments have been sent to Persia since 1922 to carry out surveys for the Anglo-Persian Oil Company, Ltd., which pays all expenses. In addition, in September 1923 Mr. W. H. Strong, M.B.E., was placed on deputation with the Company for survey and map reproduction, a small staff having been lent early in 1924 for the latter purpose.

A detachment consisting of the marginally noted officers sailed from

Season 1922-23.

Class II Service.

Mr. J. McCracken, M.B.E., in charge.

Lower Subordinate Service.

6 Surveyors.

Bombay on 26th October 1922 on deputation, and returned to India in July 1923, having surveyed 2,730 square miles on a scale of 1 inch to 1 mile in degree sheets 9 H; 10 E.

J, K, N and O. The detail survey was based on triangulation emanating from two measured bases, one near Maidān-i-Naftūn (sheet 10 E) and the other near Bikarz (sheet 10 K).

This digitized volume is incomplete!

An original copy of this report can be seen at the
National Archives of India, New Delhi