

INDIA OFFICE RECORDS

OFFICIAL PUBLICATIONS

V/19

SURVEY OF INDIA

This list includes the serial publications of the Survey of India held in the official publications collection of the India Office Records. The volumes have been rearranged and assigned new reference numbers, but for purposes of record the old 'list number' is given on the right below each title. These old numbers should not be used in requisitioning volumes.

The Survey of India was formed in 1877 by the amalgamation of the Great Trigonometrical, Topographical and Revenue branches of the Survey. Holdings of the annual reports of the Survey of India and of the three branches will be found in the separate list of Departmental Annual Reports.

Account of the Operations of the Great Trigonometrical
Survey of India

- V/19/1 ✓ Vol 1 The standards of measure and the base-lines; also an introductory account of the early operations of the Survey during the period 1800-1830
J.T. Walker Dehra Doon, 1870
- 2 Vol 2 History and general description of the principal triangulation and of its reduction
J.T. Walker Dehra Dun, 1879
- 3 ✓ Vol 3 The Principal Triangulation: the base-line figures, the Karachi Longitudinal, NW Himalaya, and Great Indus series of the North-West Quadrilateral
J.T. Walker Dehra Doon, 1873
- 4 ✓ Vol 4 The Principal Triangulation: the Great Arc (section 24° - 30°), Rahun, Gurhagarh and Jogi-Tila Meridional series, and the Sutlej series of the North-West Quadrilateral
J.T. Walker Dehra Dun, 1876
- 5 Vol 4A General description of the Principal Triangulation of the Jodhpore and the Eastern Sind Meridional series of the North-West Quadrilateral, with the details of their reduction and the final results
C.T. Haig Dehra Dun, 1886
- 6 Vol 5 Details of the pendulum operations by Captains J.P. Basevi and W.J. Heaviside and of their reduction
J.T. Walker Dehra Dun, 1879
- 7 Vol 6 The Principal Triangulation of the South-East Quadrilateral, including the Great Arc, section 18° to 24° , the East Coast series, the Calcutta and the Bider Longitudinal series, the Jabalpur and the Bilaspur Meridional series, and the details of their simultaneous reduction
J.T. Walker Dehra Dun, 1880
- 8 Vol 7 General description of the Principal Triangulation of the North-East Quadrilateral including the simultaneous reduction, and the details of five of the component series: the North-East Longitudinal, the Budhon Meridional, the Rangir Meridional, the Amua Meridional, the Karara Meridional
J.T. Walker Dehra Dun, 1882
- 9 Vol 8 Details of the Principal Triangulation of eleven of the component series of the North-East Quadrilateral including the following series: the Gurwani Meridional, the Gora Meridional, the Hurilaong Meridional, the Chandvar Meridional, the North Maluncha Meridional, the Calcutta Meridional, the East Calcutta Longitudinal, the Brahmaputra Meridional, the Eastern Frontier section 23° to 26° , the Assam Longitudinal
J.T. Walker Dehra Dun, 1882
- 10 Vol 9 Electro-telegraphic longitude operations executed during the years 1875-77 and 1880-81 by Lt Col W.M. Campbell and Major W.J. Heaviside
J.T. Walker Dehra Dun, 1883

Account of the Operation of the Great Trigonometrical
Survey of India

- V/19/11 Vol 10 Electro-telegraphic longitude operations executed during the years 1881-82, 1882-83 and 1883-84 by Major G. Strahan and Major W.J. Heaviside
C.T. Haig Dehra Dun, 1887
- 12 Vol 11 Astronomical observations for latitude made during the period 1805 to 1885 with a general description of the operations and their final results
G. Strahan Dehra Dun, 1890
- 13 Vol 12 General description of the principal triangulation of the Southern Trigon including the simultaneous reduction and the details of two of the component series: the Great Arc Meridional, section 8° to 18°, and the Bombay Longitudinal
G. Strahan Dehra Dun, 1890
- 14 Vol 13 Details of the principal triangulation of five of the component series of the Southern Trigon including the following series: the South Konkan Coast, the Mangalore Meridional, the Madras Meridional and Coast, the South-East Coast, the Madras Longitudinal
G. Strahan Dehra Dun, 1890
- 15 Vol 14 General description of the principal triangulation of the South-West Quadrilateral including the simultaneous reduction and the details of its component series
W.H. Cole Dehra Dun, 1890
- 16 Vol 15 Electro-telegraphic operations executed during the years 1885-86, 1887-88, 1889-90 and 1891-92 and the revised results of arcs contained in Vols 9 and 10; also the simultaneous reduction and the final results of the whole of the operations
G. Strahan Dehra Dun, 1893
- 17 Vol 16 Details of the tidal observations taken during the period from 1873 to 1892 and a description of the methods of reduction by J. Eccles
S.G. Burrard Dehra Dun, 1901
- 18 Vol 17 Electro-telegraphic longitude operations executed during the years 1894-95-96 [and] The Indo-European arcs from Karachi to Greenwich
S.G. Burrard Dehra Dun, 1901
- 19 Vol 18 Astronomical observations for latitude made during the period 1885 to 1905 and the deduced values of the deflections of the plumb-line
S.G. Burrard Dehra Dun, 1906
- 20 Vol 19 Levelling of precision in India (1858-1909)
S.G. Burrard Dehra Dun, 1910
- 21 Vol 19A Descriptions and heights of bench-marks on the southern lines of levelling
S.G. Burrard Dehra Dun, 1910
- 22 Vol 19B Descriptions and heights of bench-marks on the northern lines of levelling
S.G. Burrard Dehra Dun, 1910

Synopsis of the Results of the Operations of the
Great Trigonometrical Survey of India

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- V/19/23 Vol 1 Descriptions and co-ordinates of the principal and secondary stations and other fixed points of the Great Indus Series or Series D of the North-West Quadrilateral
Dehra Doon, 1874
- 24 Vol 2 [The same] of the Great Arc, section 24° to 30° , or Series A of the North-West Quadrilateral
Dehra Doon, 1874
- 25 Vol 3 [The same] of the Karachi Longitudinal Series or Series B of the North-West Quadrilateral
Dehra Doon. 1875
- 26 Vol 4 [The same] of the Guragarh Meridional Series or Series F of the North-West Quadrilateral
Dehra Dun, 1875
- 27 Vol 5 [The same] of the Rahun Meridional Series or Series E of the North-West Quadrilateral
Dehra Dun, 1875
- 28 Vol 6 [The same] of the Jogi-Tila Meridional Series or Series G, and the Sutlej Series or Series H of the North-West Quadrilateral
Dehra Dun, 1875
- 29 Vol 7 [The same] of the North West Himalaya Series or Series C of the North-West Quadrilateral, and the triangulation of the Kashmir Survey
Dehra Dun, 1879
- 30 Vol 7A [The same] of the Jodhpore Meridional Survey and the Eastern Sind Meridional Survey of the North-West Quadrilateral
Dehra Dun, 1887
- 31 Vol 8 [The same] of the Great Arc Meridional Series, section 18° to 24° , or Series A of the South-East Quadrilateral
Dehra Dun, 1878
- 32 Vol 9 [The same] of the Jabalpur Meridional Series or Series E of the South-East Quadrilateral
Dehra Dun, 1878
- 33 Vol 10 [The same] of the Bider Longitudinal Series or Series D of the South-East Quadrilateral
Dehra Dun, 1880
- 34 Vol 11 [The same] of the Bilaspur Meridional Series or Series F of the South-East Quadrilateral
Dehra Dun, 1880
- 35 Vol 12 [The same] of the Calcutta Longitudinal Series or Series B of the South-East Quadrilateral
Dehra Dun, 1880
- 36 Vol 13 [The same] of the East Coast Series or Series C of the South-East Quadrilateral
Dehra Dun, 1880
- 37 Vol 13A Account of the final reductions with details of the South Parasnath Meridional Series and the South Maluncha Meridional Series of the South-East Quadrilateral
Dehra Dun, 1885

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Great Trigonometrical Survey of India

- V/19/38 Vol 14 Descriptions and co-ordinates of the principal and secondary stations and other fixed points of the Budhon Meridional Series or Series J of the North-East Quadrilateral
Dehra Dun, 1883
- 39 Vol 15 [The same] of the Rangir Meridional Series or Series K of the North-East Quadrilateral
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- 40 Vol 16 [The same] of the Agua Meridional Series or Series L, and the Karara Meridional Series or Series M of the North-East Quadrilateral
Dehra Dun, 1883
- 41 Vol 17 [The same] of the Gurwani Meridional Series or Series N, and the Gora Meridional Series or Series O of the North-East Quadrilateral
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- 42 Vol 18 [The same] of the Hurilaong Meridional Series or Series P, and the Chendwar Meridional Series or Series Q of the North-East Quadrilateral
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- 43 Vol 19 [The same] of the North Parasnath Meridional Series or Series R, and the North Maluncha Meridional Series or Series S of the North-East Quadrilateral
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- 44 Vol 20 [The same] of the Calcutta Meridional Series or Series T, and the Brahmaputra Meridional Series or Series V of the North-East Quadrilateral
Dehra Dun, 1883
- 45 Vol 21 [The same] of the East Calcutta Longitudinal Series or Series U, and the Eastern Frontier Series or Series W, section 23 to 26, of the North-East Quadrilateral
Dehra Dun, 1883
- 46 Vol 22 Preliminary issue. Descriptions and co-ordinates of the secondary stations and other fixed points of the Assam Valley Triangulation, E of meridian 92° , emanating from the Assam Longitudinal Series or Series X of the North-East Quadrilateral
Dehra Dun, 1891
- 47 Vol 23 Descriptions and co-ordinates of the principal and secondary stations and other fixed points of the South Konkan Coast Series or Series C of the Southern Trigon
Dehra Dun, 1891
- 48 Vol 24 [The same] of the Mangalore Meridional Series or Series D of the Southern Trigon
Dehra Dun, 1891
- 49 Vol 25 [The same] of the South East Coast Series or Series F of the Southern Trigon
Dehra Dun, 1891
- 50 Vol 26 [The same] of the Bombay Longitudinal Series or Series B of the Southern Trigon
Dehra Dun, 1892

Synopsis of the Results of the Operations of the
Great Trigonometrical Survey of India

- V/19/51 Vol 27 Descriptions and co-ordinates of the principal and secondary stations and other fixed points of the Madras Longitudinal Series or Series G of the Southern Trigon Dehra Dun, 1892
- 52 Vol 28 [The same] of the Madras Meridional and Coast Series or Series E of the Southern Trigon Dehra Dun, 1892
- 53 Vol 29 [The same] of the Great Arc Meridional Series, section 8° to 18°, or Section A of the Southern Trigon Dehra Dun, 1899
- 54 Vol 30 [The same] of the Abu Meridional Series or Series I, and the Gujarat Longitudinal Series or Series K of the South-West Quadrilateral Dehra Dun, 1892
- 55 Vol 31 [The same] of the Khazpishura Meridional Series or Series G of the South-West Quadrilateral Dehra Dun, 1893
- 56 Vol 32 [The same] of the Singi Meridional Series or Series H of the South-West Quadrilateral Dehra Dun, 1893
- 57 Vol 33 [The same] of the Cutch Coast Series or Series L of the South-West Quadrilateral Dehra Dun, 1893
- 58 Vol 33 Addendum
- 59 Vol 34 [The same] of the Kathiawar Meridional Series or Series J of the South-West Quadrilateral Dehra Dun, 1894
- 60 Vol 35 [The same] of the North East Longitudinal Series of Triangulation or Series I of the North-East Quadrilateral Dehra Dun, 1909
- 61 Vol 35 Charts

Abstracts of the Reports of the Surveys and of other
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- V/19/70 Vol 1 [Reports of the survey parties] 1909-10
- 71 Vol 2 [The same] 1910-11
- 72 Vol 3 [The same] 1911-12
- 73 Vol 4 Explorations on the North-East Frontier 1911-12-13
- 74 Vol 5 Reports of the survey parties 1912-13
- 75 Vol 6 Completion of the link connecting the triangulations of India and Russia 1913
- 76 Vol 7 Annual reports of parties and officers 1913-14
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- 82 Vol 12 Notes on Survey of India maps and the modern development of Indian cartography
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- 84 Vol 14 [The same] 1918-19
- 85 Vol 15 [The same] 1919-20
- 86 Vol 16 [The same] 1920-21
- 87 Vol 17 Memoir on maps of Chinese Turkestan and Kansu from the surveys made during Sir Aurel Stein's exploration 1900-01, 1906-08, 1913-15
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- 88 Vol 18 Annual reports of parties and officers 1921-22
- 89 Vol 19 The Magnetic Survey of India
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- 90 Vol 20 The War record 1914-20
- 91 Vol 21 I. Air-survey in the Irrawaddy Delta 1923-24
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H.R.C. Meade
- 92 Vol 22 Exploration of the Shaksgam Valley and Agtil Ranges 1926
K. Mason
- 93 Vol 23 Report on Sind rectangulation 1926-30
A.H. Gwyn
- 94 Vol 24 Riverain surveys in the Punjab 1901-1929
- 95 Vol 25 Surveys in Swat, Chitral & Gilgit and neighbouring territories carried out by 'A' Survey Company from 1925 to 1931
C.G. Lewis

Tide-Tables of the Indian Ocean

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V/19/208	1	On the projection for a map of India and adjacent countries St.G.C. Gore [The same] 2nd edition	Dehra Dun, 1900 Dehra Dun, 1903
209	2	Method of measuring geodetic bases by means of metallic wires M. Jäderin	Dehra Dun, 1899
210	3	Method of measuring geodetic bases by means of Colby's compensated bars H.McC. Cowie	Dehra Dun, 1900
211	4	Notes on the calibration of levels E.A. Tandy	Dehra Dun, 1900
212	5	The attraction of the Himalaya mountains upon the plumb-line in India S.G. Burrard	Dehra Dun, 1901
213	6	Account of a determination of the co-efficients of expansion of the wires of the Jäderin base-line apparatus G.P. Lenox Conyngham	Dehra Dun, 1902
214	7	Miscellaneous papers: On the values of longitude employed in the maps of the Survey of India S.G. Burrard Levelling across the Ganges at Damukdia H.L. Crosthwait Experiment to test the changes in the length of a levelling staff due to moisture and temperature J. Eccles Description of an improved sun-dial for use at tidal observatories G. Stanton Nickel-steel alloys and their application to geodesy C.E. Guillaume Theory of electric projectors André Blondel	Calcutta, 1903
215	8	Experiments made to determine the temperature co-efficients of Watson's magnetographs H.A. Denholm-Fraser	Calcutta, 1905
216	9	An account of the scientific work of the Survey of India, and a comparison of its progress with that of foreign surveys, prepared for the use of the Survey Committee 1905 S.G. Burrard	Calcutta, 1905
217	10	The pendulum operations in India 1903 to 1907 G.P. Lenox-Conyngham	Dehra Dun, 1908

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- V/19/218 11. Observations of atmospheric refraction 1905-1909
H.G. Shaw Dehra Dun, 1911
- 219 12. On the origin of the Himalaya mountains: a
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S.G. Burrard Calcutta, 1912
- 220 13. Investigation of the theory of isostasy in India
H.L. Crosthwait Dehra Dun, 1912
- 221 14. Formulae for atmospheric refraction and their
application to terrestrial refraction and geodesy
J. de Graaf Hunter Dehra Dun, 1913
- 222 15. The pendulum operations in India and Burma 1908-13
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- 223 16. The earth's axes and triangulation
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- 224 17. Investigations of isostasy in Himalayan and
neighbouring regions
Sir S.G. Burrard Dehra Dun, 1918
- 225 18. A criticism of Mr R.D. Oldham's memoir "The structure
of the Himalayas and of the Gangetic plain as
elucidated by geodetic observations in India"
H.McC. Cowie Dehra Dun, 1921
- 226 19. Experiments in aeroplane photo surveying
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W.J. Norman Dehra Dun, 1929
- 232 25. The representation of glaciated regions on maps of
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- 233 26. Mount Everest and its Tibetan names: a review of
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Sir Sidney Burrard Dehra Dun, 1931
- 234 27. Gravity anomalies and the structure of the earth's
crust X.A. Glennie Dehra Dun, 1932
- 235 28. The readjustment of the Indian triangulation
G. Bomford Dehra Dun, 1939
- 236 29. Magnetic anomalies B.L. Gulatee Dehra Dun, 1938
- 237 30. Gravity anomalies and the figure of the earth
B.L. Gulatee Dehra Dun, 1940

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- V/19/238 1 A consideration of the most suitable forms of type for use on maps
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- 239 2 A review of the boundary symbols used on the maps of various countries
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- 240 3 Extract from "The new map of Italy scale 1:100,000 (transl. W.M. Coldstream)
Luigi Giannitrapani Dehra Dun, 1913
- 241 4 A report on the practice of town surveys in the United Kingdom and its application to India
C.L. Robertson Dehra Dun, 1913
- 242 5 The Thompson stereo-plotter and its use with notes on the field work K. Mason Dehra Dun, 1913
- 243 6 Note on the measure of precision of levelling and proposal for the creation of a new category of levelling to be called levelling of high precision (transl. J. de Graaf Hunter)
C. Lallemand Dehra Dun, 1914
- 244 7 The bar comparisons of 1907 and 1908
H.M. Cowie Dehra Dun, 1915
- 245 8 Report on rubber off-set flat-bed machine printing
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- 246 10 The Hunter short base. 2nd edition
H.C. Banerjee Dehra Dun, 1931
- 12 Geodesy J. de Graaf Hunter Dehra Dun, 1929
- 247 13 Notes on spherical trigonometry, astronomy, etc
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- 248 14 Instructions for the use of the Wild universal theodolite and the Wild photo-theodolite
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- 17 Surveying and mapping policy
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- 249 16 The organisation and staffing of a national survey department efficiently to meet the needs of peace and war
I.H.R. Wilson [1951]

Survey of India Technical Papers

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- V/19/250 1 Towards a national survey: relations between the Survey of India and provincial survey departments
G.F. Heaney 1948
- 2 Value of gravity at Dehra Dun B.L. Gulatee 1948
- 251 3 Levelling in India, past and future
B.L. Gulatee 1949
- 252 5 Geodetic and geophysical aspects of the earthquakes in Assam
B.L. Gulatee 1951