VICTORIAN YEAR-BOOK, 1884-5.

PRELIMINARY REMARKS.

- 1. Victoria occupies the south-eastern portion of, and is the southern-Position of most colony* on, the Australian continent. It lies between the 34th and 39th parallels of south latitude and the 141st and 150th meridians of east longitude. Its extreme length from east to west is about 420, its greatest breadth about 250, and its extent of coast-line nearly 600, geographical miles.
- 2. On the north and east Victoria is bounded by the River Murray, Boundaries and by a right line running in a south-easterly direction from a place near the head waters of that stream, called The Springs, on Forest Hill, to Cape Howe. On the west it is bounded by South Australia, the dividing line being about 242 geographical miles in length, approximating to the position of the 141st meridian of east longitude, and extending from the River Murray to the sea. The southern boundary is formed by the Southern Ocean, Bass's Straits, and the Pacific Ocean.
- 3. According to the latest computation, the area of Victoria is Area of 87,884 square miles, or 56,245,760 acres. The whole continent of Australia is estimated to contain 2,944,628 square miles, and therefore Victoria occupies about a thirty-fourth part of its surface. Great Britain contains 88,006 square miles, and is therefore slightly larger than Victoria.
- 4. The southernmost point in Victoria, and consequently in the Extreme whole of Australia, is Wilson's Promontory, which lies in latitude Victoria. 39° 8′ S., longitude 146° 26′ E.; the northernmost point is the place where the western boundary of the colony meets the Murray, latitude 34° 2′ S., longitude 140° 58′ E.; the point furthest east is Cape Howe, situated in latitude 37° 31′ S., longitude 149° 59′ E.; the most westerly point is the line of the whole western frontier, which, according to the latest correction, lies upon the meridian 140° 58′ E., and extends from latitude 34° 2′ S. to latitude 38° 4′ S., or 242 geographical miles.
- 5. The Melbourne Observatory is a building specially erected for Position of Observatory purposes in the Government reserve on the south side of

^{*} In consequence of its position at the extreme south of the Australian continent, Victoria is often mistaken, by English writers and others not well acquainted with Australian geography, for an adjacent colony, which has been misnamed South Australia, the truth being that only a very small part of South Australia is situated further south than even the most northern portion of Victoria.

the River Yarra. According to the latest computation, its latitude is 37° 49′ 53″ south, and its longitude 144° 58′ 30″ east.

Latitudes
and longitudes of
Australasian
capitals.

6. The following are the latitudes and longitudes of the capital cities of the different Australasian colonies:—

LATITUDES AND LONGITUDES OF CAPITALS OF AUSTRALASIAN COLONIES.

Colony.		Capital City.							
		Name.		Latitude S.			Longitude E.		
Victoria New South Wales Queensland South Australia Western Australia Tasmania New Zealand		Melbourne Sydney Brisbane Adelaide Perth Hobart Wellington		37 33 27 34 31 42 41	, 49 51 28 57 20 53 16	" 53 41 3 0 25 25	144 151 153 138 115 147 174	58 12 1 35 6 20 47	30 42 47 6 43 7 25

Physical features.

7. Victoria is traversed, with more or less regularity, throughout its entire length from east to west by a chain of mountains and lesser hills, completely dividing it into two parts, and known as the Dividing The summit of this range runs generally at a distance of 60 or 70 miles from the coast. The streams to the north of it flow towards the River Murray, and those to the south of it towards the sea. eastern part of the range, which divides the Gippsland district from that of the Murray, is named the Australian Alps; and that part which separates the county of Ripon from that of Borung, and extends into the county of Kara Kara, is named the Pyrenees. The higher peaks of the Dividing Range are covered with snow for several months in the The mountainous country is, for the most part, densely wooded to the very summits with fine timber, but the peaks above the winter snow-line are quite bare, or only partially covered with dwarfed trees From near Kilmore eastward, a distance of 200 miles, the mountains are generally so steep and inaccessible as to present a considerable barrier between the parts of the colony north and south of them, and they can only be traversed with great labour by the few From Kilmore westward the range rapidly dwindles, passes that exist. so that, although presenting in places points of considerable heightsuch as Mount William and Mount Macedon-it is easily crossed. From Mount Macedon it becomes, as it stretches away to the Western district, a chain of hills, in parts only of considerable altitude, and offering no serious obstructions to crossing in very many places.

portion of the Murray basin commencing at Wodonga on the east as a point, and extending in the form of a regular triangle to a width of 200 miles along the western boundary of Victoria, has almost a flat surface, with a very slight inclination towards the Murray. The remaining country north and south of the Dividing Range and its spurs is moderately undulating; it is in some parts destitute of timber, but closely wooded in others.

- 8. Besides the main Dividing Range, there are also other ranges Mountains. extending in different parts of the country, many of them being spurs of the main chain; the highest peaks, however, are found in the Dividing Range and its offshoots between St. Clair and the eastern boundary of Victoria. The chief of these are:—The Bogong Range, 6,508 feet; Mount Feathertop, 6,303 feet; Mount Hotham, 6,100 feet; Mount Cobberas, 6,025 feet; Mount Cope, 6,015 feet; Mount Buller, 5,934 feet; Gibbo Range, 5,764 feet; Mount Wills, 5,758 feet; Mount Howitt, 5,715 feet; Mount Buffalo, 5,645 feet; The Twins, 5,575 feet; Mount Tamboritha, 5,381 feet; Mount Wellington, 5,363 feet; Mount Cobbler, 5,342 feet; Mount Kent, 5,129 feet; and Mount Torbreck, 5,001 feet. So far as is at present known by observation, there are at least sixteen peaks over 5,000 feet high, and fifteen between 4,000 and 5,000 feet. There are, however, many peaks above 4,000 feet whose actual heights have not yet been determined.*
- 9. The rivers in Victoria are, for the most part, inconsiderable; Rivers. many of them are liable to be partially dried up during the summer months, so as to be reduced at that season to mere chains of pools or waterholes. With the exception of the Yarra, on the banks of which the metropolis is situated; the Goulburn, which empties itself into the Murray about eight miles to the eastward of Echuca; the La Trobe and the Mitchell, with, perhaps, a few other of the Gippsland streams; and the Murray itself, not one of them is navigable except by boats. As, however, they drain the watershed of large areas of country, some have already been, and others will ultimately be, made feeders to permanent reservoirs for the purposes of irrigation, gold washing, and manufactures. The Murray, which forms the northern boundary of the colony, is the largest river in Australia. Its total length is 1,300 miles, for 980 of which it flows along the Victorian border.† The names and lengths of the other principal Victorian rivers are as follow:-The Goulburn, 345 miles; the Snowy, 300 miles, 180 of which are in New

^{*} For a complete list of the mountains and hills in Victoria, with the approximate heights of the most important peaks, see Victorian Year-Book, 1882-3, paragraph 12.

[†] From the source of its longest tributary, the Darling, to the Murray mouth, the total length of this river is 2,345 miles.

A 2

South Wales; the Glenelg, 281 miles; the Wimmera, 228 miles; the Loddon, 225 miles; the Mitta Mitta, 175 miles; the Avoca, 163 miles; the Hopkins, 155 miles; the Campaspe, the Wannon, and the Yarra Yarra, each 150 miles; the Ovens, 140 miles; the La Trobe, 135 miles; the Tambo, 120 miles; the Mitchell, 80 miles.*

Lakes.

10. Victoria contains numerous salt and fresh water lakes and lagoons; but many of these are nothing more than swamps during dry Some of them are craters of extinct volcanoes. Lake Corangamite, the largest inland lake in Victoria, covers 57,700 acres, and is quite salt, notwithstanding its augmentation by numerous fresh-water streams. It has no visible outlet. Lake Colac, only a few miles distant from Lake Corangamite, is a beautiful sheet of water, covering 6,650 aeres, and quite fresh. Lake Burrumbeet is also a fine sheet of fresh water, embracing 5,200 acres. The Gippsland lakes are situated close to the coast, and are only separated from the sea by a belt of sand through which there is a narrow entrance. Lake Wellington, the largest of all the Gippsland lakes, lies to the westward of Lakes Victoria and King, and is united with the first-named by a narrow South-east of Geelong is Lake Connewarre, connected with the sea at Point Flinders.†

Bays, inlets, &c.

11. The principal inlet on the coast of Victoria is Port Phillip Bay, which is an inland sea of an extreme length of over 30 geographical miles from north to south, and of about 35 from east to west. entrance is about two miles across, and a short distance within it are sandbanks and islands, which, whilst they act as an excellent breakwater to the shipping, do not, as there are well-buoyed channels between them, seriously obstruct the navigation. In Port Phillip Bay are two minor bays, viz., Hobson's Bay, which is the anchorage of the port of Melbourne, and the point at which the River Yarra, on which Melbourne is situated, empties itself; and Corio Bay, which is the anchorage of the port of Geelong. The next inlet in point of natural importance to Port Phillip is Western Port, in part of which there is anchorage with good shelter in all winds. Corner Inlet, situated to the north of Wilson's Promontory in Gippsland, also possesses considerable capa-The other bays and inlets are either roadsteads affording only partial shelter, or are small in extent, or so obstructed by sandbanks as to be suitable for small vessels only. Some of the roadsteads might be much improved by the construction of breakwaters. Towards the eastern part of the coast is a sandy beach, extending for 90 miles

^{*} For a complete list of the rivers in Victoria, with their approximate lengths, see Victorian Year-Book, 1882-3, paragraph 13.

[†] For a complete list of the lakes in Victoria, with their approximate areas, see Victorian Year-Book, 1882-3, paragraph 14.

without an inlet, except one leading into the Gippsland lakes, which is liable to be closed at intervals. Works with the view of making this entrance permanent have been projected, and are being actively proceeded with.*

- 12. A glance at the map of Victoria will show that the coast line Capes, points, projects considerably to the south in two directions, one being to the west and the other to the east of the entrance to Port Phillip Bay. The extreme point of the western projection is Cape Otway, that of the eastern one Wilson's Promontory, the latter being, as has been already stated, the southernmost point on the continent of Australia. these, there is a projection of less extent to the west of Portland Bay, the southernmost point of which is Cape Nelson. Other important points are Capes Bridgewater and Sir William Grant, situated upon the same promontory as Cape Nelson; Points Lonsdale and Nepean, the first at the western, the second at the eastern, side of the entrance to Port Phillip Bay; Cape Schanck, situated between Port Phillip and Western Port; Cape Liptrap, situated between Western Port and Wilson's Promontory; Cape Everard—the Point Hicks of Captain Cook—situated midway between the mouth of the Snowy River and Cape Howe; and Cape Howe itself, being the point at which the dividing line between Victoria and New South Wales meets the sea.†
- 13. Victoria exercises jurisdiction over but few islands, and of those, Islands, all, except Phillip Island, which is situated in Western Port, and at the last census contained 295 inhabitants, are but scantily peopled. The largest is French Island, also situated in Western Port; but a considerable portion of it is covered with mud flats and swamps, and so it maintains only 46 persons. The only other inhabited islands are Swan Island, near Queenscliff, with a population of 31; Mud Island, in Port Phillip Bay, with 9; Churchill and Sandstone Islands, in Western Port, with 12; Snake, Sunday, and Clonmel Islands, off Corner Inlet and Port Albert, with 128; and Gabo Island, five miles south-west of Cape Howe, with 14. The islands in Bass's Straits, except such as are close to the Victorian coast, are dependencies of Tasmania.‡
- 14. From its geographical position, Victoria enjoys a climate more climate. suitable to the European constitution than any other colony upon the continent of Australia, resembling that of the more favoured portions of Southern Europe. Upon examining a chart showing isothermal

^{*} For a complete list of the bays and inlets on the coast of Victoria, with their positions, see Victorian Year-Book, 1882-3, paragraph 15.

[†] For a complete list of the capes, points, &c., along the coast of Victoria, with their positions, see Victorian Year-Book, 1882-3, paragraph 16.

[‡] For a complete list of the Victorian islands, with their positions, see Victorian Year-Book, 1882-3, paragraph 17.

lines, it will be found that Melbourne is situated upon or near the line corresponding with that in the Northern Hemisphere on which Marseilles, Bordeaux, Bologna, Nice, Verona, and Madrid are situated. The difference, however, between summer and winter, and the hottest and coldest month, is far less in Melbourne than in any of these places. In the twenty-six years ended with 1883, the maximum temperature in the shade was 111.2° Fahr., viz., on the 14th January, 1862; the minimum was 27°, viz., on the 21st July, 1869; and the mean was 57.4°. Upon the average, on four days during the year the thermometer rises above 100° in the shade; and generally on about three nights during the year it falls below freezing point. The maximum temperature in the sun ever recorded (i.e., since 1857) was 178.5°, viz., on The mean atmospheric pressure, noted the 14th January, 1862. at an Observatory 91 feet above the sea-level, was, in the eighteen years ended with 1881, 29.93 inches; the average number of days on which rain fell was 131, and the average yearly rainfall was 26 inches.*

Governors.

15. Subjoined is a list of the Governors and Acting Governors of Victoria, with the dates of their assumption of and retirement from office:—

GOVERNORS OF VICTORIA.

Name.	Date of Assumption of Office.	Date of Retirement from Office.
Charles Joseph La Trobe John Vesey Fitzgerald Foster (acting) Sir Charles Hotham, K.C.B Major-General Edward Macarthur (acting) Sir Henry Barkly, K.C.B Sir Charles Henry Darling, K.C.B Brigadier-General George Jackson Carey, C.B. (acting) The Right Honorable John Henry Thomas, Viscount Canterbury, K.C.B. Sir William Foster Stawell, Kt. (acting) Sir George Ferguson Bowen, G.C.M.G. Sir William Foster Stawell, Kt. (acting) The Most Honorable George Augustus Constantine, Marquis of Normanby, G.C.M.G., P.C. Sir William Foster Stawell, Kt. (acting) Sir Henry Brougham Loch, K.C.B.	22nd June, 1854 1st January, 1856 26th December, 1856 11th September, 1863 7th May, 1866 15th August, 1866 3rd March, 1873 3rd January, 1875 11th January, 1875 27th February, 1879	5th May, 1854 22nd June, 1854 31st December, 1855‡ 26th December, 1856 10th September, 1863 7th May, 1866 15th August, 1866 2nd March, 1873 19th March, 1873 22nd February, 1879 10th January, 1875 14th January, 1876 18th April, 1884 15th July, 1884 Still in office

^{*} For further information respecting the meteorological observations, not only for Melbourne, but also for other parts of the colony, see Part Vital Statistics, post. A chapter on Meteorology and Climate was given in the Victorian Year-Book, 1874.

[†] At the first of these dates Mr. La Trobe assumed the office of Superintendent of Port Phillip; at the second he became Lieutenant-Governor of Victoria.

[‡] Sir Charles Hotham died at this date.

[§] Sir G. F. Bowen was absent on leave from the 31st December, 1874, to the 14th January, 1876.

- 16. Since Victoria has been an independent colony, the average time Duration of during which the Governors of Victoria, prior to Sir Henry Loch, not ships. including the Acting Governors, have held office has been about four years and six months.
- 17. During the twelve days between the 19th and the 31st March, Interregna 1873, the former being the day on which Sir W. F. Stawell left the colony, and the latter that on which Sir G. F. Bowen arrived; also during the five days between the 22nd and 27th February, 1879, the former being the day on which Sir G. F. Bowen left, and the latter that on which Lord Normanby arrived, there was neither Governor nor Acting Governor in Victoria.
- 18. The following are the names of the present Governors of all the Governors of Australasian colonies, and the dates of their assuming office:

 Australasian colonies.

GOVERNORS OF AUSTRALASIAN COLONIES.

Colony.	Name.	Date of Assumption of Office.
Victoria	Sir Henry Brougham Loch, K.C.B	15th July, 1884
New South Wales	The Right Honorable Sir (commonly called Lord) Augustus William Frederick Spencer Loftus, G.C.B.	4th August, 1879
Queensland	Sir Anthony Musgrave, K.C.M.G	6th November, 1883
South Australia		19th February, 1883
Western Australia	Sir Frederick Napier Broome, K.C.M.G.	5th June, 1883
Tasmania	Major Sir George Cumine Strahan, K.C.M.G.	7th December, 1881
New Zealand	Major-General Sir William Francis Drummond Jervois, R.E., G.C.M.G., C.B.	20th January, 1883

19. Since the inauguration of responsible government, twenty-two ministries. Ministries have held office in Victoria. The following are the names of the respective Chief Secretaries or Premiers, and the dates of their assumption of and retirement from office:—

MINISTRIES.*

Name of Premier.	1 P 19 2 - 31 P	Date of Assumption of Office.	Date of Retirement from Office.
 William Clark Haines John O'Shanassy William Clark Haines John O'Shanassy William Nicholson Richard Heales 	•••	28th November, 1855 11th March, 1857 29th April, 1857 10th March, 1858 27th October, 1859 26th November, 1860	11th March, 1857 29th April, 1857 10th March, 1858 27th October, 1859 26th November, 1860 14th November, 1861

^{*} The names of the individual members of each Ministry are published yearly in Part I. of th Statistical Register of Victoria: Ferres, Melbourne.

MINISTRIES*—continued.

Name of Premier.	Date of Assumption of Office.	Date of Retirement from Office.
7. John O'Shanassy 8. James McCulloch 9. Charles Sladen 10. James McCulloch 11. John Alexander MacPherson 12. James McCulloch 13. Charles Gavan Duffy 14. James Goodall Francis 15. George Briscoe Kerferd 16. Graham Berry 17. Sir James McCulloch, K.C.M.G. 18. Graham Berry 19. James Service 20. Graham Berry 21. Sir Bryan O'Loghlen, Bart 22. James Service	14th November, 1861 27th June, 1863 6th May, 1868 11th July, 1868 20th September, 1869 9th April, 1870 19th June, 1871 10th June, 1872 31st July, 1874 7th August, 1875 20th October, 1875 21st May, 1877 5th March, 1880 3rd August, 1880 9th July, 1881 8th March, 1883	27th June, 1863 6th May, 1868 11th July, 1868 20th September, 1869 9th April, 1870 19th June, 1871 10th June, 1872 31st July, 1874 7th August, 1875 20th October, 1875 21st May, 1877 5th March, 1880 3rd August, 1880 9th July, 1881 8th March, 1883 Still in office

Duration of Ministries.

20. Before the present Government assumed office, the average duration of Ministries had been about one year and three months.

Parliaments.

21. The present is the twelfth Parliament since the inauguration of responsible government in Victoria. The following table shows the number of Sessions in each Parliament, the dates of opening and of closing or dissolution:—

PARLIAMENTS.

Number of Parliament.	Number of Session.	Date of Opening.		Date of Closing or of Dissolution.
1	1 2 3	21st November, 1856 3rd December, 1857 7th October, 1858	•••	24th November, 1857 4th June, 1858 24th February, 1859
2	1 2	13th October, 1859 20th November, 1860	•••	9th August, 1859 18th September, 1860 3rd July, 1861 11th July, 1861
3	1 2 3	30th August, 1861 7th November, 1862 26th January, 1864	•••	18th June, 1862 11th September, 1863 2nd June, 1864 25th August, 1864
4	1	28th November, 1864	•••	28th November, 1865 11th December, 1865
5	1 2 3 4 5	12th February, 1866 11th April, 1866 17th January, 1867 18th September, 1867 25th November, 1867	•••	5th April, 1866 1st June, 1866 10th September, 1867 8th November, 1867 25th November, 1867 30th December, 1867

^{*} See footnote to preceding page.

PARLIAMENTS—continued.

Number of Parliament.	Number of Session.	Date of Opening.		Date of Closing or of Dissolution.	
6	1	13th March, 1868		29th September, 1868	
-	2	11th February, 1869		29th December, 1869	
	3	15th February, 1870		15th July, 1870	
*	4	27th October, 1870		29th December, 1870	
				25th January, 1871	
7	1	25th April, 1871	•••	23rd November, 1871	
	2	30th April, 1872	•••	17th December, 1872	
	3	13th May, 1873	•••	25th November, 1873	
* · · · · · · · · · · · · · · · · · · ·				9th March, 1874	
8	1	19th May, 1874	•••	24th December, 1874	
	2	25th May, 1875	•••	7th April, 1876	
a.	3	11th July, 1876	•••	22nd December, 1876	
				25th April, 1877	
9	1	22nd May, 1877	•••	9th April, 1878	
	2	9th July, 1878	•••	6th December, 1878	
	3	8th July, 1879	•••	5th February, 1880	
• •	•	7747-747 1000		9th February, 1880	
10		11th May, 1880	•••	26th June, 1880	
11		22nd July, 1880		29th June, 1880 2nd August, 1881	
7.7	9	4th August, 1881	•••	24th December, 1881	
	2 3	25th April, 1882		3rd February, 1883	
12	1	27th February, 1883		19th April, 1883	
. 14	$\frac{1}{2}$	3rd July, 1883		3rd November, 1883	
	2 3	10th June, 1884		12th December, 1884	
	4	17th June, 1885	•••		

- 22. Parliaments in Victoria have existed, on the average, for two years puration of and one month. Sessions have lasted, on the average, for nearly seven Parliaments. months.
- 23. The names of the reigning sovereigns or other rulers of the Reigning principal countries in the world, together with the years of birth and of succession to or assumption of office, are as follow:—

REIGNING SOVEREIGNS, ETC., 1883.

		Year	Office.		
Country.	Name.	of Birth.	Title.	Year of Assump- tion of.	
	Victoria I Franz Josef I. Leopold II	1819 ,,, 1830	Queen of Great Britain and Ireland Empress of India Emperor of Austria King of Hungary King of the Belgians	1837 1877 1848 1867 1865	
Belgium Brazil Burma	Pedro II Theebaw	1835 1825 1858	Emperor of Brazil King of Burma	1831 1878	

REIGNING SOVEREIGNS, ETC., 1883—continued.

				Office.			
Country.		Name.	Year of Birth.	Title.	Year of Assump- tion of.		
China	•••	Quang-Su	1871	Emperor of China	1875		
Denmanl	4	Christian IX	1818	King of Denmark	1863		
Toward	• • • •	Mohamed Tewfik	1852	Khedive of Egypt	1879		
France	•••	F. P. J. Grévy	1813	President of the French	1879		
Germany	•••	Wilhelm I	1797	Republic King of Prussia	1861		
•	***	,,	,,	Emperor of Germany	1871		
Greece	•••	Georgios I	1845	King of the Hellenes	1863		
Holland	•••	Willem III	1817	King of the Netherlands	1849		
Italy	•••	Umberto I	1844	King of Italy	1878		
The state of the s	•••	Leo XIII. (Gio-	1810	Supreme Pontiff	1878		
,,	•••	achino Pecci)	- 4,	•			
Japan		Mutsu Hito	1852	Mikado of Japan	1867		
Montenegro	•••	Nicholas I	1841	Hospodar of Monte-	1860		
Morocco	:	Muley-Hassan	1831	negro Sultan of Morocco	1873		
Persia	•••	Nassr-ed-Din	1829	Shah of Persia	1848		
Portugal		Luis I	1838	King of Portugal	1861		
Roumania	•••	Carol I	1839	Domnul of Roumania	1866		
,, •••	•••	,,	59	King "	1881 ·		
Russia	•••	Alexander III.	1845	Emperor of Russia	1881		
Servia	•••	Milan I	1854	Prince of Servia	1868*		
,,	•••	,,	19	King "	18 82		
Siam	•••	Chulalonkorn I.	1853 -	King of Siam	1868		
Spain	•••	Alfonso XII	1857	King of Spain	1874		
Sweden and Norway	•••	Oscar II	1829	King of Sweden and Norway	1872		
Tunis		Sidi Ali	1817	Bey of Tunis	1882		
Turkey	•••	Abdul-Hamid II.	1842	Sultan of Turkey	1876		
United States	•••	G. Cleveland	1837	President of the United	1885		
	•••	G. Storoland	2001	States	1000		

Oldest and longest reigning sovereigns.

24. It will be observed that only one ruler—the Emperor of Germany—was born before the commencement of the present century; also that, with the exception of the Emperor of Brazil, who ascended the throne at the early age of 6 years, no monarch has reigned so long as the Queen of Great Britain and Ireland.

PART I.—DISCOVERY AND EARLY HISTORY.

First dis covery of Victoria. 25. It is believed that the first Europeans who ever sighted any portion of the land now embraced within the limits of the Colony of Victoria were Captain James Cook, of the Royal Navy, and the crew of His Majesty's

^{*} This is the date of the Prince's succession to the throne, but he did not assume the government until