

Review

Climatology by W. G. Kendrew. pp. 383; 125 figures; 16 plates. Price 30 sh.

(London: Oxford University Press, 1949).

This is the third edition of Kendrew's well-known book "Climate." While the general scope of the book has been retained it will be seen that in revising, a large portion has been re-written and new chapters have been added. Many of the figures have been redrawn and new plates and figures have also been added bringing the book up-to-date. The physical principles underlying the important features of climate have been indicated and the changes in the book made are such that the modification of the title to "Climatology" is quite justified.

There are six parts in the book. The first three parts deal with insolation and temperature (including distribution and absorption of insolation by atmosphere and earth, heat balance of the earth, regional distribution of air temperature, lapse rate of temperature in upper air, air masses and ocean currents), atmospheric pressure and winds (including movement of the air, diurnal variation of wind and pressure, and wind-systems of the globe), and the vapour in the atmosphere

and its condensation and visibility (including water vapour, precipitation, major rainfall regions, evaporation, cloud, sunshine, fog and atmospheric pollution). The last three parts deal with mountain and plateau climate, weather of the westerlies, and some climatic types—the Sudan, the Mediterranean and the Westerlies.

An index has been provided. This would have been more helpful if names of authors and geographical names had been included, there had been less grouping of all entries under the main headings, and various words used in the book like Föhn, Khansin, sea-breeze, geostrophic, given by themselves and not under the main headings.

A few minor points may be mentioned. Monsoon bursts at Bombay and in Bengal between the 5th and 10th June and not on the dates mentioned on p. 147. Two different figures have been given for rainfall at Bombay for the monsoon months June to September on p. 190 and p. 212 and both are incorrect, the correct amount being 67". The rainfall during monsoon months in India is given on p. 214 as 85%, but based on 1940 normals it is 78%.

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