

Contents

List of figures	vii
List of tables	xi
Preface	xiv
Acknowledgements	xv
1. Introduction	1
Professor T. J. Chandler (University of Manchester) and Professor S. Gregory (University of Sheffield)	
2. Synoptic climatology	8
Dr A. H. Perry (University College, Swansea)	
3. Wind	39
H. C. Shellard (formerly Meteorological Office)	
4. Radiation and sunshine	74
R. H. Collingbourne (Meteorological Office)	
5. Temperature	96
D. Tout (University of Manchester)	
6. Precipitation	129
Dr B. W. Atkinson (Queen Mary College, London) and Dr P. A. Smithson (University of Sheffield)	
7. Evaporation, humidity and the water balance	183
Dr R. C. Ward (University of Hull)	
8. Cloud and thunder	199
Dr E. C. Barrett (University of Bristol)	
9. Visibility	211
E. N. Lawrence (formerly Meteorological Office)	
10. Recent climatic change	224
P. B. Wright (University of East Anglia)	
11. Climates of coasts and inland water bodies	248
Dr K. Smith (University of Strathclyde)	
12. Upland climates	264
J. A. Taylor (University College, Aberystwyth)	
13. Topographic climates: soils, slopes and vegetation	288
Dr Maureen E. Jones (King's College, London)	

14. The Climate of towns	307
Professor T. J. Chandler (University of Manchester)	
15. Regional climates	330
Professor S. Gregory (University of Sheffield)	
References	343
Station index	370
General index	377