

PART CONTENTS

	<i>Page</i>
PART II. OBSERVING SYSTEMS	523
CHAPTER 1. MEASUREMENTS AT AUTOMATIC WEATHER STATIONS	526
REFERENCES AND FURTHER READING.....	551
CHAPTER 2. MEASUREMENTS AND OBSERVATIONS AT AERONAUTICAL METEOROLOGICAL STATIONS	553
REFERENCES AND FURTHER READING.....	573
CHAPTER 3. AIRCRAFT-BASED OBSERVATIONS.....	575
REFERENCES AND FURTHER READING.....	592
CHAPTER 4. MARINE OBSERVATIONS.....	595
ANNEX 4.A. WMO/IOC REGIONAL MARINE INSTRUMENT CENTRES	629
ANNEX 4.B. DESCRIPTIONS OF PRECIPITATION FOR USE BY SHIP-BORNE OBSERVERS OF PRESENT WEATHER	631
ANNEX 4.C. RECOMMENDED PROCEDURES FOR THE REPORTING OF SWELL BY MANUALLY REPORTING SHIPS	633
REFERENCES AND FURTHER READING.....	634
CHAPTER 5. SPECIAL PROFILING TECHNIQUES FOR THE BOUNDARY LAYER AND THE TROPOSPHERE	639
REFERENCES AND FURTHER READING.....	653
CHAPTER 6. ELECTROMAGNETIC METHODS OF LIGHTNING DETECTION	657
REFERENCES AND FURTHER READING.....	676
CHAPTER 7. RADAR MEASUREMENTS.....	680
ANNEX 7.A. WMO GUIDANCE STATEMENT ON WEATHER RADAR/RADIO FREQUENCY SHARED SPECTRUM USE	741
ANNEX 7.B. WMO GUIDANCE STATEMENT ON WEATHER RADAR/WIND TURBINE SITING	743
REFERENCES AND FURTHER READING.....	745
CHAPTER 8. BALLOON TECHNIQUES.....	752
REFERENCES AND FURTHER READING.....	763
CHAPTER 9. URBAN OBSERVATIONS.....	765
REFERENCES AND FURTHER READING.....	792
CHAPTER 10. ROAD METEOROLOGICAL MEASUREMENTS	795
REFERENCES AND FURTHER READING.....	806