

CONTENTS

CONTENTS	3
PREFACE AND ACKNOWLEDGEMENTS	5
ABBREVIATIONS	7
1. METEOROLOGY AND CLIMATE - INTRODUCTION	15
2. EARTH'S ATMOSPHERE	27
3. WATER IN THE ATMOSPHERE.....	39
4. VISIBILITY	61
5. ATMOSPHERIC PRESSURE	65
6. WIND	71
7. WINDS ON THE GLOBE	85
8. GENERAL CIRCULATION OF THE ATMOSPHERE	95
9. LOWS AND HIGHS	101
10. ATMOSPHERIC FRONTS	107
11. ATMOSPHERIC PHENOMENAS.....	115
12. TROPICAL CYCLONES.....	119
13. AVOIDING TROPICAL CYCLONES	129
14. WEATHER ELEMENTS OBSERVED AND MEASURED	135
15. SHIP'S METEOROLOGICAL DEVICES.....	145
16. CONDUCT MEASUREMENTS AND METEOROLOGICAL OBSERVATIONS.....	157
17. LOG BOOK AND METEOROLOGICAL OBSERVATION LOG BOOK.....	161
18. SYNOP AND SHIP CODES.....	165
19. STATION MODEL.....	167
20. RECEPTION OF WEATHER INFORMATION ON THE SHIP	173
21. INTERPRETATION OF WEATHER INFORMATION.....	201
22. READING SYNOPTIC CHARTS	209

CONTENTS

SUMMARY.....221

BIBLIOGRAPHY.....223

INDEX OF TERMS.....229

INDEX OF FIGURES.....233

INDEX OF TABLES.....241