

CONTENTS

PREFACE	5
ABSTRACT	7
ABSTRAKT	9
1 INTRODUCTION	11
2 THE HRADISKO MONASTERY	14
2.1 A brief history of the Hradisko monastery	14
2.2 History and nature of the monastery archives	16
3 THE DIARIES OF THE HRADISKO MONASTERY	18
3.1 The monastery diaries and their authors	18
3.2 Content of the diaries	18
3.3 The employment of the diaries in historical research	21
4 RECENT CLIMATIC PATTERNS AND FLOODS IN OLOMOUC	24
5 WEATHER REPORTS IN THE PREMONSTRATENSIAN DIARIES	29
5.1 Terminology used in the diaries	29
5.2 Frequency of weather records	30
5.3 Comparison of weather records from Hradisko and Svatý Kopeček	30
6 INTERPRETATION OF CLIMATIC PATTERNS IN THE OLOMOUC REGION IN THE 1693–1783 PERIOD FROM PREMONSTRATENSIAN DIARIES	33
7 CLIMATOLOGICAL ANALYSES OF THE WEATHER REPORTS IN THE PREMONSTRATENSIAN DIARIES	91
7.1 Temperature indices	91
7.2 Precipitation indices	91
7.3 Hradisko temperature and precipitation indices in a Central European context	93
7.4 Hydrometeorological extremes	98
7.4.1 Floods	98
7.4.2 Strong winds	102
7.4.3 Thunderstorms	103
7.4.4 Droughts	105
7.4.5 Late frosts	106
8 CONCLUSIONS	107
REFERENCES	109
ARCHIVAL SOURCES	116

**APPENDIX – METEOROLOGICAL INTERPRETATION OF DAILY WEATHER
RECORDS FROM THE OLOMOUC REGION, 1693–1784 119**

Appendix I – Meteorological interpretation of daily weather records from the Premonstratensian diaries of the Hradisko monastery and the Svatý Kopeček priory	119
Appendix II – Meteorological interpretation of daily weather records from the Olomouc Jesuit college diaries	264
Appendix III – Meteorological interpretation of daily weather records in the Olomouc Franciscan memory books	271