

Contents

1. Hydrological balance	7
1.1 Temperature and precipitation	7
1.2 Runoff	9
1.3 Groundwater regime	10
2. Hydrological extremes	15
2.1 Flood situations	15
2.2 Remedying flood damage	15
2.3 Drought situation	16
2.4 Interdepartmental committee WATER-DROUGHT	21
3. Quality of surface waters and groundwaters	23
3.1 Surface water quality	23
3.2 Groundwater quality	29
4. Water use	33
4.1 Surface water abstractions	33
4.2 Groundwater abstractions	35
4.3 Waste water discharges	36
5. Sources of pollution	39
5.1 Point sources of pollution	39
5.2 Area sources of pollution	41
5.3 Accidental pollution	44
5.4 Erosion of agricultural land	44
6. Watercourse management	47
6.1 Professional management of watercourses	47
6.2 River Boards, state enterprises	49
6.3 Forests of the Czech Republic, s. e.	60
6.4 Land consolidation, structures used for amelioration	63
6.5 Waterways	65
7. Public water supply and sewerage systems	67
7.1 Drinking water supply	67
7.2 Discharge and treatment of municipal waste waters	69
7.3 Development of water and sewerage charges	71
7.4 Regulation in water supply and sewerage systems	73

8. Fisheries and fishpond management	75
8.1 Fisheries and fishpond management	75
8.2 Changes in the fishpond system	77
9. State financial support for water management	79
9.1 Financial support provided by the Ministry of Agriculture	79
9.2 Financial support provided by the Ministry of the Environment	84
9.3 The State Environmental Fund of the Czech Republic	88
9.4 Financial support from international cooperation and the European Union	90
10. Legislative measures	95
10.1 Water Act and implementing regulations	95
10.2 Act on Public Water Supply and Sewerage Systems and implementing regulations	96
10.3 Audits of the execution of public administration in the field of water management and water protection	97
11. Priority tasks, programmes and key documents in water management	101
11.1 Planning in the field of waters	101
11.2 Development plans for water supply and sewerage systems	103
11.3 Programmes and measures to reduce surface water pollution	104
11.4 Strategic materials	106
11.5 Public administration information system WATER	107
11.6 Czech Republic's reporting to the EU	107
12. International relations	109
12.1 Cooperation within the UN/ECE	109
12.2 International cooperation in the integrated Elbe, Danube and Oder River Basins	110
12.3 International cooperation on transboundary waters	111
13. Research and development	115
13.1 Research and development in the competence of the Ministry of Agriculture	115
13.2 Research and development within the scope of the Ministry of the Environment	117
14. Implementation of programmes of measures adopted by river basin management plans in 2009	125
14.1 Description of the adopted river basin management plans	125
14.2 Report to the European Commission on river basin management plans	126
14.3 Implementation of the programme of measures adopted by the Main River Basin Management Plan of the Czech Republic	126
14.4 Implementation of the programme of measures adopted by the River Basin District Management Plans	129
Interesting numbers (as of 31 December 2015)	147
List of acronyms in the text	148
Important contacts in water management	148