

目 錄

壹、水資源運用-----	1
■ 提要分析-----	2
■ 統計表	
1 水資源運用實況-----	4
2 水資源供需概況-----	5
3 工業用水及面積成長概況-----	6
4 水源調度概況－農田休耕面積-----	7
貳、水庫壩堰-----	9
■ 提要分析-----	10
■ 統計表	
5 水庫壩堰-----	16
(1) 現有水庫壩堰-----	16
(2) 施工中水庫壩堰-----	34
(3) 已規劃待推動水庫-----	34
(4) 規劃中或待規劃水庫壩堰-----	34
6 水庫營運概況-----	38
參、水庫集水區保育-----	49
■ 提要分析-----	50
■ 統計表	
7 水庫保育整體計畫工作-----	51
肆、溫泉資源保育-----	55
■ 提要分析-----	56
■ 統計表	

8 溫泉分布概況	57
9 調查區溫泉水儲集量概況	59
伍、節約用水	61
■ 提要分析	62
■ 統計表	
10 推動節約用水措施	63
11 推動節約用水措施—省水標章	64
陸、知識型水利產業	69
■ 提要分析	70
■ 統計表	
12 輔導水利產業知識化概況	72
13 推動深層海水產業概況	73
柒、海水淡化	75
■ 提要分析	76
■ 統計表	
14 海水淡化廠	78
(1) 現有海水淡化廠	78
(2) 推動中海水淡化廠	80
15 海水淡化廠營運概況	81
捌、地層下陷	83
■ 提要分析	84
■ 統計表	
16 地層下陷概況	86
玖、水文觀測	89
■ 提要分析	90
■ 統計表	
17 中央管河川	91

18 縣(市)管河川-----	93
19 跨省市河川-----	99
20 經濟部水利署水文觀測站-----	100
拾、天然災害損失概況-----	101
■ 提要分析-----	102
■ 統計表	
21 經濟部水利署防汛器材使用情形-----	105
22 河川防洪設施損毀數量-----	106
23 禦潮(海堤)設施損毀數量-----	109
24 區域排水設施損毀數量-----	111
25 水庫或壩堰設施損毀數量-----	112
拾壹、河川防洪工程-----	113
■ 提要分析-----	114
■ 統計表	
26 現有河川防洪設施-----	116
27 河川環境改善工程-----	122
28 河川防災減災工程-----	123
29 河川歲修工程-----	126
30 河川災害復建工程-----	128
31 河川工程搶修情形-----	130
拾貳、禦潮(海堤)工程-----	133
■ 提要分析-----	134
■ 統計表	
32 現有禦潮(海堤)設施-----	136
33 海岸環境改善工程-----	138
34 禦潮(海堤) 養護工程-----	140
35 禦潮(海堤) 整建工程-----	141

36 禦潮(海堤) 災害復建工程-----	142
37 禦潮(海堤)工程搶修情形-----	143
拾參、區域排水工程-----	145
■ 提要分析-----	146
■ 統計表	
38 區域排水環境營造工程-----	148
39 區域排水整治工程-----	149
40 區域排水維護工程-----	152
41 區域排水災害復建工程-----	153
42 區域排水工程搶修情形-----	154
43 區域排水疏濬工程-----	155
拾肆、河川公地許可使用-----	157
■ 提要分析-----	158
■ 統計表	
44 河川公地許可使用費徵收情形-----	160
拾伍、水權登記-----	169
■ 提要分析-----	170
■ 統計表	
45 一般水權登記件數-----	172
46 一般水權登記引用水量-----	174
47 臨時用水登記件數-----	176
48 臨時用水登記引用水量-----	178
49 溫泉水權登記件數-----	180
50 溫泉水權登記引用水量-----	182
51 有效之水權及臨時用水登記件數-----	184

52 有效之水權及臨時用水登記引用水量-----	184
拾陸、自來水事業-----	185
■ 統計表	
53 臺灣自來水股份有限公司公司水價-----	186
54 臺北自來水事業處水價-----	190
55 金門縣自來水廠水價-----	192
56 連江縣自來水廠水價-----	193
57 自來水供水設備及管線長度-----	194
58 自來水系統供水能力及設計供水人口數-----	200
59 供水戶口數暨人日配水量-----	204
60 自來水供水普及率-----	208
61 自來水用戶數-----	212
拾柒、行政組織-----	215
■ 統計表	
62 經濟部水利署組織系統與職掌-----	216
63 經濟部水利署各組室及所屬機關所在地暨主管人員-----	220
64 經濟部水利署實有員額配置-----	222
65 經濟部水利署現有正式職員人事資料統計-----	228
拾捌、其他-----	231
■ 統計表	
66 經濟部水利署經費預算數與決算數-----	232
67 水利工程經費-----	233
68 經濟部水利署各項測繪成果-----	234
69 經濟部水利署地質鑽探成果-----	235

CONTENTS

I . WATER RESOURCES UTILIZATION-----	1
■ SUMMARY-----	2
■ STATISTIC REPORTS	
1 Utilization of Water Resources-----	4
2 Water Resources Demand and Supply-----	5
3 Industrial Consumption and plant Area Increment-----	6
4 The Water Allocation - Fallow Area of Farmland-----	7
II . RESERVOIRS & WEIRS-----	9
■ SUMMARY-----	10
■ STATISTIC REPORTS	
5 RESERVOIRS & WEIRS-----	16
(1) Completed Reservoirs & Weirs -----	16
(2) Reservoirs & Weirs Under Construction-----	34
(3) Reservoirs Being Finished Planning -----	34
(4) Diversion Reservoirs & Weirs Under Planning-----	34
6 General Status of Reservoir Operation -----	38
III . RESERVOIRS CATCHMENT AREA CONSERVATION-----	49
■ SUMMARY-----	50
■ STATISTIC REPORTS	
7 Reservoirs Catchments Area Conservation Planning-----	51
IV . HOT SPRING RESOURCE CONSERVATION-----	55
■ SUMMARY-----	56
■ STATISTIC REPORTS	
8 Distribution of Hot Spring-----	57
9 Hot Spring Storage Volumes in Survey Area-----	59
V . WATER SAVING IMPLEMENTATION-----	61
■ SUMMARY-----	62
■ STATISTIC REPORTS	

10 Water Conservation Implementation-----	63
11 Water Conservation Implementation - Water Conservation Mark-----	64
VI. KNOWLEDGE-BASE WATER INDUSTRIES-----	69
■ SUMMARY-----	70
■ STATISTIC REPORTS	
12 Guide Knowledge-based Water Industries-----	72
13 Achievements to Promote Deep Sea Water Industry-----	73
VII. SEAWATER DESALINATION-----	75
■ SUMMARY-----	76
■ STATISTIC REPORTS	
14 Seawater Desalination-----	78
(1) Plants Completed-----	78
(2) Plants Being Finished Planning-----	80
15 Seawater Desalination Plant-----	81
VIII. LAND SUBSIDENCE-----	83
■ SUMMARY-----	84
■ STATISTIC REPORTS	
16 Land Subsidence Areas-----	86
IX. HYDROLOGIC MEASUREMENT-----	89
■ SUMMARY-----	90
■ STATISTIC REPORTS	
17 Central-government-administered Rivers-----	91
18 Prefecture-administered Rivers-----	93
19 Trans-province & city Government Administered Rivers-----	99
20 Numbers of Hydrological Station, WRA, MOEA-----	100
X. NATURAL DAMAGES-----	101
■ SUMMARY-----	102
■ STATISTIC REPORTS	

21 Making Use of Flood Prevention Facilities, WRA, MOEA-----	105
22 Statistics in Damages Works for River Flood Control-----	106
23 Damages on Coastal Protection (Sea-dike) Works-----	109
24 Damages on Regional Drainage Works-----	111
25 Damage on Reservoirs and Weirs Works-----	112
XI. RIVER FLOOD CONTROL-----	113
■ SUMMARY-----	114
■ STATISTIC REPORTS	
26 The Existing Works For River Flood Control-----	116
27 Improvement Constructions for River Environment-----	122
28 Constructions of River Disaster Prevention and Reduction-----	123
29 Annual Repairing Constructions for River Flood Control-----	126
30 Rehabilitation After Disaster for River Flood Control-----	128
31 Urgent Repairs of the Works for River Flood Control-----	130
XII. COASTAL PROTECTION (SEA-DIKE) WORKS-----	133
■ SUMMARY-----	134
■ STATISTIC REPORTS	
32 The Existing Coastal Protection (Sea-dike) Works-----	136
33 Improvement Constructions for Coastal Environment-----	138
34 Annual Repairing of Coastal Protection (Sea-dike) Works-----	140
35 Maintaining and Establishing of Coastal Protection (Sea-dike) Works -----	141

36 Rehabilitation After Disaster of Coastal Protection (Sea-dike) Works	142
37 Urgent Repairs of Coastal Protection (Sea-dike) Works	143
XIII. REGIONAL DRAINAGE WORKS	145
■ SUMMARY	146
■ STATISTIC REPORTS	
38 Construction Establishment for Regional Drainage Environment	148
39 Regional Drainage Improvement Works	149
40 Regional Drainage Maintenance Works	152
41 Regional Drainage Repair Works	153
42 Emergent Treatments on Regional Drainage Works	154
43 Regional Drainage Dredge Works	155
XIV. PERMITTED-USE OF PUBLIC-RIVERINE-LAND	157
■ SUMMARY	158
■ STATISTIC REPORTS	
44 Statuses on the Fee-Collection for Permitted-Use Of Public- riverine-land	160
XV. NUMBER OF WATER REGISTRATION	169
■ SUMMARY	170
■ STATISTIC REPORTS	
45 Registered Cases of General Water Right	172
46 Registered Amount of Diverted Water on General Water Right	174
47 Registered Cases of Temporary Water Use	176
48 Registered Amount of Temporary Diverted Water	178
49 Registered Cases of Hot Spring Water Right	180
50 Registered Amount of Diverted Water on Hot Spring Water Right	182
51 Registered Cases of Effective Water Right and Temporary Water Use	184
52 Registered Amount of Diverted Water for Effective Water Right and	

Temporary Water Use-----	184
XVI. WATER SUPPLY-----	185
■ STATISTIC REPORTS	
53 Water Price –Taiwan Water Supply Cooperation-----	186
54 Water Price –Taipei Water Department-----	190
55 Water Price –Kinmen County Water Supply Plant-----	192
56 Water Price –Lienchiang County Water Supply Plant-----	193
57 Installations of Water Supply-----	194
58 Water Supply System Capacity & Consumers of Water Supply-----	200
59 Families of Water Supply & Daily Ration of Water Per Person-----	204
60 Saturation of Water Supply-----	208
61 Consumers of Water Supply-----	212
XVII. ADMINISTRATIVE ORGANIZATION-----	215
■ STATISTIC REPORTS	
62 Organization & Duty, WRA, MOEA-----	216
63 Key Persons of WRA’ s Headquarters and Subordinates With Their Locations-----	220
64 Actual Personnel, WRA, MOEA-----	222
65 Statistics on Appointed Employees, WRA, MOEA-----	228
XVIII. OTHERS-----	231
■ STATISTIC REPORTS	
66 Budget & Final Account of WRA, MOEA-----	232
67 Statistics of Engineering Cost-----	233

68	Surveying, WRA, MOEA-----	234
69	Geological Boring, WRA, MOEA-----	235
70	WRA Affiliated Agencies Project Land Procurement Situation-----	236