

## 表 6 水庫營運概況 (續1)

單位：萬立方公尺

| 水庫或壩堰名稱<br>Name of Reservoir,<br>Dam or Weir |                 | 進水量<br>Inflow | 發電水量<br>Water Used<br>for Power<br>Generation | 各標的<br>Water Used for |                                    |
|--|-----------------|---------------|---|-----------------------|------------------------------------|
|  |                 |               |   | 合 計<br>Total          | 農業用水<br>For<br>Water<br>Irrigation |
| 民國 90 年                                      | 2001            | 3,959,676.0   | 1,498,355.0                                   | 599,710.0             | 244,201.0                          |
| 民國 91 年                                      | 2002            | 1,632,422.0   | 846,644.0                                     | 560,494.0             | 232,978.0                          |
| 民國 92 年                                      | 2003            | 1,998,092.5   | 926,752.7                                     | 489,074.2             | 262,779.3                          |
| 民國 93 年                                      | 2004            | 3,910,343.5   | 987,661.6                                     | 604,198.6             | 279,453.2                          |
| 民國 94 年                                      | 2005            | 6,072,579.4   | 1,296,920.8                                   | 860,857.7             | 475,275.6                          |
| 民國 95 年                                      | 2006            | 4,065,870.9   | 1,336,587.1                                   | 836,396.4             | 433,910.9                          |
| 民國 96 年                                      | 2007            | 5,664,035.5   | 1,381,166.0                                   | 860,882.7             | 465,350.9                          |
| 民國 97 年                                      | 2008            | 4,617,843.4   | 1,275,618.6                                   | 791,017.7             | 399,968.5                          |
| 民國 98 年                                      | 2009            | 3,319,120.1   | 1,144,703.3                                   | 771,316.3             | 381,107.8                          |
| 民國 99 年                                      | 2010            | 2,945,675.4   | 1,115,914.4                                   | 756,556.2             | 363,252.5                          |
| 民國 100 年                                     | 2011            | 2,722,151.3   | 1,112,001.1                                   | 743,184.7             | 380,636.7                          |
| 新山水庫   | Sinshan         | 708.7         | -   | 717.5                 | -                                  |
| 西勢水庫   | Sishih 註12      | 1,223.8       | -   | 1,187.9               | -                                  |
| 翡翠水庫   | Feicuei 註3      | 108,598.9     | 104,502.5                                     | 19,148.7              | -                                  |
| 阿玉壩  | Ayu 註1          | 32,022.2      | 20,761.2                                      | -                     | -                                  |
| 羅好壩  | Luohao 註1       | 69,458.6      | 43,571.6                                      | -                     | -                                  |
| 佳興壩  | ~~~~~ 註1        | 127,654.1     | 71,982.0                                      | -                     | -                                  |
| 粗坑壩  | Chukeng 註1      | 267,208.3     | 43,819.7                                      | -                     | -                                  |
| 五甲壩  | ~~~~~ 註4        | 179,510.1     | -   | 59,702.6              | -                                  |
| 青潭堰  | Cingtan 註4      | 167,832.0     | -   | 25,691.0              | -                                  |
| 榮華壩  | Ronghua         | 74,453.7      | 51,094.5                                      | -                     | -                                  |
| 石門水庫   | Shihmen         | 108,156.4     | 66,483.8                                      | 82,860.2              | 43,602.3                           |
| 鳶山堰  | Yuanshan        | 57,512.5      | -   | 21,614.3              | 2,173.3                            |
| 羅東攔河堰  | Luodong Weir 註5 | -             | -   | -                     | -                                  |
| 寶山水庫   | Baoshan 註6      | 3,653.7       | -   | 3,577.0               | -                                  |
| 寶山第二水庫                                       | Baoshan 2nd.    | 6,813.9       | -   | 5,292.4               | -                                  |
| 上坪攔河堰  | Shangping 註2、7  | 15,497.3      | ...   | 4,974.5               | 4,974.5                            |
| 隆恩堰  | Lon-en 註6       | 9,122.9       | -   | 9,122.9               | 2,494.9                            |
| 大埔水庫   | Dapu            | 12,990.6      | -   | 3,389.0               | 3,343.5                            |
| 劍潭水庫   | Jiantan         | 3,733.1       | -   | 1,082.0               | 1,082.0                            |
| 永和山水庫  | Yongheshan 註6   | 6,307.4       | -   | 5,599.0               | 31.4                               |
| 明德水庫   | Mingde          | 4,656.0       | -   | 3,111.8               | 1,828.1                            |
| 鯉魚潭水庫  | Liyutan         | 38,089.8      | -   | 32,781.3              | 8,130.3                            |
| 士林攔河堰  | Shihlin         | 45,208.0      | 30,929.7                                      | 11,024.3              | 11,024.3                           |
| 德基水庫   | Deji            | 54,715.3      | 53,754.8                                      | -                     | -                                  |
| 青山壩  | Cingshan 註8     | 53,754.8      | -   | -                     | -                                  |

## Table 6. General Status of Reservoir Operation (Cont.1)

Unit :10<sup>4</sup>M<sup>3</sup>

| 用水量<br>All Purposes            |                                    | 其他<br>Others | 洩洪量<br>Spilling<br>Flood | 損耗水量<br>Loss of Water | 年底水庫水量<br>End of the Year |                                      |
|--------------------------------|------------------------------------|--------------|--------------------------|-----------------------|---------------------------|--------------------------------------|
| 生活用水<br>For<br>Water<br>Supply | 工業用水<br>For<br>Water<br>Industrial |              |                          |                       | 存水量<br>Stored<br>Water    | 水位<br>(公尺)<br>Water Level<br>(E.L.M) |
| 326,646.6                      | 28,863.2                           | 784,649.0    | 1,041,510.0              | 25,098.0              | 182,889.0                 | -                                    |
| 300,231.9 <sup>柒</sup>         | 27,283.8                           | 140,265.0    | 192,512.0 <sup>柒</sup>   | 50,446.0              | 127,111.0                 | -                                    |
| 203,134.3                      | 23,160.9                           | 235,055.0    | 263,324.7                | 22,457.5              | 115,945.9                 | -                                    |
| 299,491.4                      | 25,253.8                           | 737,064.3    | 1,923,067.6              | 2,758.9               | 187,573.9                 | -                                    |
| 351,762.8                      | 33,819.3                           | 738,696.1    | 3,445,501.8              | - 10,651.1            | 176,724.9                 | -                                    |
| 368,816.0                      | 33,669.5                           | 808,096.2    | 1,386,050.4              | -9,421.2              | 161,960.3                 | -                                    |
| 363,355.9                      | 32,175.9                           | 749,709.7    | 2,914,211.7              | -5,717.1              | 176,842.4                 | -                                    |
| 361,740.0                      | 29,309.2                           | 459,683.6    | 2,363,031.2              | -4,984.5              | 172,988.7                 | -                                    |
| 362,848.3                      | 27,360.2                           | 255,377.2    | 1,269,743.4              | 11,467.3              | 123,442.1                 | -                                    |
| 362,377.2                      | 30,926.5                           | 253,305.8    | 898,022.7 <sup>®</sup>   | -264.6 <sup>®</sup>   | 151,279.1                 | -                                    |
| 333,825.7                      | 28,722.2                           | 177,611.8    | 800,824.1                | 1,453.1 <sup>®</sup>  | 162,610.3 <sup>®</sup>    | -                                    |
| 717.5                          | -                                  | -            | -                        | -                     | 819.2                     | 82.81                                |
| 1,187.9                        | -                                  | 31.4         | -                        | -                     | 45.0                      | 72.08                                |
| 19,148.7                       | -                                  | -            | 2,162.1                  | -                     | 35,506.7 <sup>®</sup>     | 166.83                               |
| -                              | -                                  | -            | 11,261.1                 | -                     | ...                       | 216.45                               |
| -                              | -                                  | -            | 25,887.0                 | -                     | ...                       | 220.54                               |
| -                              | -                                  | -            | 55,762.0                 | -                     | ...                       | 111.08                               |
| -                              | -                                  | -            | 223,388.6                | -                     | ...                       | 49.33                                |
| 59,702.6                       | -                                  | -            | 119,807.4                | -                     | 376.2                     | 44.30                                |
| 25,691.0                       | -                                  | -            | 142,141.0                | -                     | 70.2                      | 22.40                                |
| -                              | -                                  | 11,803.4     | 11,544.6                 | -                     | 1,351.4                   | 412.50                               |
| 38,197.0                       | 1,060.9                            | 2,559.4      | 5,398.2                  | 196.2 <sup>®</sup>    | 21,792.6 <sup>®</sup>     | 244.60                               |
| 19,441.0                       | -                                  | -            | 35,545.2                 | -                     | 439.0                     | 51.50                                |
| -                              | -                                  | -            | -                        | -                     | -                         | -                                    |
| 3,577.0                        | -                                  | -            | -                        | 6.2                   | 472.7                     | 140.61                               |
| 5,292.4                        | -                                  | 345.2        | 31.0                     | 0.1                   | 3,144.2                   | 150.00                               |
| ...                            | ...                                | 10,522.8     | ...                      | ...                   | ...                       | ...                                  |
| 4,043.1                        | 2,584.9                            | -            | -                        | -                     | ...                       | ...                                  |
| -                              | 45.5                               | -            | 9,533.8                  | -                     | 486.4                     | 69.20                                |
| -                              | -                                  | -            | 2,574.9                  | -                     | 89.6                      | 14.08                                |
| 5,567.6                        | -                                  | -            | -                        | 84.9                  | 2,564.4                   | 83.56                                |
| 933.7                          | 350.0                              | -            | 1,252.1                  | 240.7                 | 936.0                     | 58.65                                |
| 24,651.0                       | -                                  | -            | 1,330.7                  | 443.8                 | 11,240.8                  | 299.26                               |
| -                              | -                                  | -            | 3,210.7                  | -                     | 43.3                      | 604.07                               |
| -                              | -                                  | -            | -                        | -                     | 21,313.5                  | 1,407.31                             |
| -                              | -                                  | -            | 53,754.8                 | -                     | -                         | 1,233.00                             |

|      |         |    |           |          |   |   |
|------|---------|----|-----------|----------|---|---|
| 谷關水庫 | Kukuan  | 註8 | 86,393.9  | 76,976.8 | - | - |
| 天輪壩  | Tianlun |    | 89,645.1  | 84,744.1 | - | - |
| 馬鞍壩  | Ma-an   |    | 101,674.9 | 92,180.1 | - | - |

表6 水庫營運概況 (續2)

單位：萬立方公尺

| 水庫或壩堰名稱<br>Name of Reservoir,<br>Dam or Weir | 進水量<br>Inflow        | 發電水量<br>Water Used<br>for Power<br>Generation | 各標的<br>Water Used for |                                    |           |
|--|----------------------|---|-----------------------|------------------------------------|-----------|
|  |                      |   | 合計<br>Total           | 農業用水<br>For<br>Water<br>Irrigation |           |
| 石岡壩<br>北山坑壩<br>Shihgang                      | 註9                   | 120,749.9                                     | -                     | 57,219.9                           | 29,492.5  |
| Becishankeng                                 | 註1                   | 21,414.7                                      | 21,414.7              | -                                  | -         |
| 霧社水庫<br>Wushe                                |                      | 36,059.7                                      | 31,630.6              | -                                  | -         |
| 武界壩<br>Wujie                                 | 註1、10                | 65,944.5                                      | -                     | 80.7                               | 80.7      |
| 日月潭水庫<br>Sun Moon Lake                       | 註10                  | 63,572.8                                      | 31,389.2              | 81.9                               | -         |
| 明湖下池水庫<br>Minghu                             | 註10                  | ...   | ...                   | -                                  | -         |
| 明潭下池水庫<br>Mingtán                            | 註10                  | ...   | 23,607.0              | -                                  | -         |
| 統櫃壩<br>Tunghuei                              | 註10                  | ...   | 28,370.9              | -                                  | -         |
| 頭社水庫<br>Toushih                              |                      | 82.4  | -                     | 5.1                                | 5.1       |
| 集集攔河堰<br>Jiji                                | 註11                  | 252,268.2                                     | -                     | 189,273.3                          | 175,162.2 |
| 內埔子水庫<br>Neipuzih                            |                      | 127.5   | -                     | 87.2                               | 87.2      |
| 仁義潭水庫<br>Renyitan                            |                      | 7,170.5                                       | -                     | 6,725.3                            | -         |
| 蘭潭水庫<br>Lantan                               |                      | 2,943.4                                       | -                     | 2,747.8                            | -         |
| 鹿寮溪水庫<br>Luliao River                        |                      | 941.3   | -                     | 79.2                               | 79.2      |
| 白河水庫<br>Beihe                                |                      | 2,999.7                                       | -                     | 2,340.7                            | 2,262.3   |
| 尖山埤水庫<br>Jianshanpi                          |                      | 153.4   | -                     | -                                  | -         |
| 德元埤水庫<br>Deyuanpi                            |                      | 2,766.7                                       | -                     | 1,742.7                            | 1,742.7   |
| 烏山頭水庫<br>Wushantou                           | 註11                  | 67,752.0                                      | 66,377.2              | 72,831.4                           | 57,050.6  |
| 曾文水庫<br>Zengwun                              |                      | 79,807.8                                      | 52,716.7              | -                                  | -         |
| 南化水庫<br>Nanhua                               | 註12                  | 25,828.9                                      | -                     | 22,239.8                           | -         |
| 甲仙攔河堰<br>Jiasian                             | 註1、12                | ...   | -                     | -                                  | -         |
| 鏡面水庫<br>Jingmien                             |                      | 678.5   | -                     | 142.5                              | -         |
| 玉峰堰<br>Yufong                                |                      | 1,503.0                                       | -                     | 1,496.0                            | -         |
| 鹽水埤水庫<br>Yanshui                             |                      | 326.1   | -                     | 27.9                               | 27.9      |
| 虎頭埤水庫<br>Hutoupi                             |                      | 429.3   | -                     | 211.9                              | 211.9     |
| 阿公店水庫<br>阿公店水庫<br>Lake                       | Akungdien<br>Guanyin | 4,979.1                                       | -                     | 2,997.7                            | 2,415.9   |
| 伊何何水庫<br>Chengchinghu                        | 註13                  | 117.2   | -                     | 21.0                               | 21.0      |
| 鳳山水庫<br>Fongshan                             | 註14                  | 11,192.0                                      | -                     | 11,160.0                           | 36.0      |
|  |                      | 12,728.6                                      | -                     | 12,686.8                           | -         |

|   |   |         |         |   |      |        |
|---|---|---------|---------|---|------|--------|
| - | - | -       | 9,584.1 | - | -    | 916.00 |
| - | - | 2,993.8 | 1,903.5 | - | 29.4 | 746.24 |
| - | - | 6,635.5 | 2,856.3 | - | 22.2 | 552.29 |

**Table 6. General Status of Reservoir Operation (Cont.2)**

Unit :10<sup>4</sup>M<sup>3</sup>

| 用水量<br>All Purposes            |                                    | 其他<br>Others | 洩洪量<br>Spilling<br>Flood | 損耗水量<br>Loss of Water | 年底水庫水量<br>End of the Year |                                      |
|--------------------------------|------------------------------------|--------------|--------------------------|-----------------------|---------------------------|--------------------------------------|
| 生活用水<br>For<br>Water<br>Supply | 工業用水<br>For<br>Water<br>Industrial |              |                          |                       | 存水量<br>Stored<br>Water    | 水位<br>(公尺)<br>Water Level<br>(E.L.M) |
| 27,727.4                       | -                                  | 63,566.0     | -                        | -                     | 40.3                      | 271.50                               |
| -                              | -                                  | -            | -                        | -                     | ...                       | ...                                  |
| -                              | -                                  | -            | 350.0                    | -                     | 5,018.6                   | 1,003.77                             |
| -                              | -                                  | -            | 9,293.9                  | -                     | ...                       | 764.45                               |
| 81.9                           | -                                  | -            | -                        | -                     | ...                       | 747.51                               |
| -                              | -                                  | -            | -                        | -                     | ...                       | 440.56                               |
| -                              | -                                  | -            | -                        | -                     | ...                       | ...                                  |
| -                              | -                                  | -            | -                        | -                     | 97.1                      | 668.00                               |
| 4,280.8                        | 9,830.3                            | 26,662.9     | 36,407.8                 | - 128.8               | 59.4                      | 211.09                               |
| -                              | -                                  | 36.5         | -                        | -                     | 65.3                      | 59.84                                |
| 6,725.3                        | -                                  | -            | -                        | 82.7                  | 2,148.3                   | 103.06                               |
| 2,747.8                        | -                                  | -            | -                        | 27.2                  | 899.0                     | 75.04                                |
| -                              | -                                  | 795.8        | -                        | 66.2                  | 90.6                      | 72.51                                |
| 52.4                           | 26.0                               | -            | 525.1                    | 72.9                  | 384.0                     | 106.87                               |
| -                              | -                                  | 124.5        | -                        | 10.0                  | 123.9                     | 42.30                                |
| -                              | -                                  | -            | 1,191.2                  | 3.0                   | 8.6                       | 11.20                                |
| 13,643.0                       | 2,137.8                            | -            | -                        | -3,802.4              | 4,942.0                   | 54.69                                |
| -                              | -                                  | 30,243.6     | 561.5                    | 561.5                 | 33,059.0                  | 217.14                               |
| 22,239.8                       | -                                  | 517.1        | 1,617.4                  | -                     | 9,449.1                   | 178.58                               |
| -                              | -                                  | 10,762.7     | -                        | -                     | ...                       | ...                                  |
| 142.5                          | -                                  | -            | 503.3                    | -                     | 89.6                      | 142.01                               |
| 1,496.0                        | -                                  | -            | -                        | -                     | 19.8                      | 10.40                                |
| -                              | -                                  | -            | 283.2                    | -                     | 38.4                      | 29.88                                |
| -                              | -                                  | 88.6         | 119.5                    | -                     | 107.3                     | 37.00                                |
| 581.8                          | -                                  | 1,294.8      | 650.5                    | 155.5                 | 1,630.4                   | 36.81                                |
| -                              | -                                  | 64.9         | -                        | 28.8                  | 32.1                      | 35.87                                |
| 11,124.0                       | -                                  | -            | -                        | 36.0                  | 23.9                      | 17.52                                |
| -                              | 12,686.8                           | -            | -                        | 48.0                  | 332.1                     | 42.85                                |

|              |                    |          |          |          |          |
|--------------|--------------------|----------|----------|----------|----------|
| 土壟灣堰<br>土壟灣堰 | Tulongwan 註1       | 47,507.9 | 17,853.7 | -        | -        |
| Lake         | 註2                 | ...      | -        | 334.0    | 334.0    |
| 隘寮堰          | Ailiao 註2          | 14,091.0 | -        | 14,091.0 | 14,091.0 |
| 高屏溪攔河堰       | Kaopin River 註1、13 | ...      | -        | 31,835.9 | -        |
| 曹公圳攔河堰       | Tsaargon Gjiunn    | ...      | -        | 10,613.2 | 10,613.2 |

表6 水庫營運概況 (續3)

單位：萬立方公尺

| 水庫或壩堰名稱<br>Name of Reservoir,<br>Dam or Weir | 進水量<br>Inflow | 發電水量<br>Water Used<br>for Power<br>Generation | 各標的<br>Water Used for |                                    |
|--|---------------|---|-----------------------|------------------------------------|
|  |               |   | 合計<br>Total           | 農業用水<br>For<br>Water<br>Irrigation |
| 東港堰<br>Dongkan 註14                           | ...           | -   | -                     | -                                  |
| 牡丹水庫<br>Mudan                                | 16,870.7      | -   | 3,336.9               | 804.5                              |
| 龍鑾潭水庫<br>Longluantan                         | 758.0         | -   | 117.0                 | 117.0                              |
| 南溪壩<br>Nansi 註5                              | -             | -   | -                     | -                                  |
| 龍溪壩<br>Sipan 註1                              | 82,252.0      | 59,031.2                                      | -                     | -                                  |
| 龍鳳壩<br>River, 註1                             | 21,934.5      | 20,394.5                                      | -                     | -                                  |
| 龍鳳壩<br>Longfong 註1                           | 6,376.0       | 6,376.0                                       | -                     | -                                  |
| 木瓜壩<br>Mugua 註1                              | 9,564.2       | 9,564.2                                       | -                     | -                                  |
| 水廉壩<br>Shueilien 註1                          | 2,474.4       | 2,474.4                                       | -                     | -                                  |
| 卑南上圳攔河堰<br>Beinan Creek 註1                   | 10,448.2      | -   | 7,313.7               | 7,313.7                            |
| 酬勤水庫<br>Choucin                              | 365.8         | -   | 27.4                  | -                                  |
| 赤崁地下水庫<br>Chihkan 註15                        | 5.1           | -   | 14.5                  | 3.6                                |
| 成功水庫<br>Chenggong                            | 27.7          | -   | 16.8                  | -                                  |
| 興仁水庫<br>Singren                              | 7.5           | -   | -                     | -                                  |
| 東衛水庫<br>Dongwei                              | 2.7           | -   | 2.6                   | -                                  |
| 小池水庫<br>Siaochin                             | 0.9           | -   | 0.9                   | -                                  |
| 西安水庫<br>Si-an                                | 4.2           | -   | 4.9                   | -                                  |
| 烏溝蓄水塘<br>Wugou Pond                          | 0.9           | -   | 0.5                   | -                                  |
| 七美水庫<br>Cimei                                | 9.3           | -   | 8.9                   | -                                  |
| 金沙水庫<br>Jinsha                               | 48.1          | -   | 54.0                  | -                                  |
| 不仰湖<br>Lake                                  | 3.0           | -   | -                     | -                                  |
| 田浦水庫<br>Tianpu                               | 47.3          | -   | 48.1                  | -                                  |
| 擎天水庫<br>Cingtian                             | 4.9           | -   | 13.0                  | -                                  |
| 山西水庫<br>Shansi                               | -             | -   | 2.3                   | -                                  |
| 太湖<br>Tai Lake                               | 67.0          | -   | 112.2                 | -                                  |
| 陽明湖<br>Yagnmin 註16                           | -             | -   | -                     | -                                  |
| 瓊林水庫<br>Chongling                            | -             | -   | -                     | -                                  |
| 蘭湖<br>Lan Lake                               | 9.9           | -   | 10.3                  | -                                  |
| 不仰湖<br>Lake                                  | 0.4           | -   | 16.3                  | -                                  |

|          |   |   |   |   |   |     |     |
|----------|---|---|---|---|---|-----|-----|
| -        | - | - | - | - | - | ... | ... |
| -        | - | - | - | - | - | ... | ... |
| -        | - | - | - | - | - | ... | ... |
| 31,835.9 | - | - | - | - | - | ... | ... |
| -        | - | - | - | - | - | ... | ... |

**Table 6. General Status of Reservoir Operation (Cont.3)**

Unit :10<sup>4</sup>M<sup>3</sup>

| 用水量<br>All Purposes            |                                    | 其他<br>Others | 洩洪量<br>Spilling<br>Flood | 損耗水量<br>Loss of Water | 年底水庫水量<br>End of the Year |                                     |
|--------------------------------|------------------------------------|--------------|--------------------------|-----------------------|---------------------------|-------------------------------------|
| 生活用水<br>For<br>Water<br>Supply | 工業用水<br>For<br>Water<br>Industrial |              |                          |                       | 存水量<br>Stored<br>Water    | 水位<br>(公尺)<br>Water Level<br>(EL.M) |
| -                              | -                                  | ...          | -                        | -                     | ...                       | ...                                 |
| 2,532.4                        | -                                  | 8,562.9      | 4,837.9                  | -                     | 2,384.3                   | 138.83                              |
| -                              | -                                  | -            | 455.0                    | 171.0                 | 330.0                     | 16.20                               |
| -                              | -                                  | -            | -                        | -                     | -                         | -                                   |
| -                              | -                                  | -            | 23,220.8                 | -                     | ...                       | 166.80                              |
| -                              | -                                  | -            | 1,540.0                  | -                     | ...                       | 1,276.40                            |
| -                              | -                                  | -            | -                        | -                     | ...                       | 387.50                              |
| -                              | -                                  | -            | -                        | -                     | ...                       | 383.00                              |
| -                              | -                                  | -            | -                        | -                     | ...                       | 310.00                              |
| -                              | -                                  | -            | -                        | 3,134.4               | ...                       | ...                                 |
| 27.4                           | -                                  | -            | 338.0                    | -                     | 7.4                       | 19.40                               |
| 10.9                           | -                                  | -            | -                        | -                     | 17.7                      | 0.40                                |
| 16.8                           | -                                  | -            | -                        | 3.2                   | 22.0                      | 4.90                                |
| -                              | -                                  | -            | -                        | 2.9                   | 9.8                       | 5.10                                |
| 2.6                            | -                                  | -            | -                        | -                     | 0.1                       | 1.35                                |
| 0.9                            | -                                  | -            | -                        | -                     | -                         | 4.40                                |
| 4.9                            | -                                  | -            | -                        | 2.2                   | 3.0                       | 7.10                                |
| 0.5                            | -                                  | -            | -                        | 1.0                   | 1.3                       | 4.60                                |
| 8.9                            | -                                  | -            | -                        | 1.8                   | 3.4                       | 20.90                               |
| 54.0                           | -                                  | -            | -                        | -                     | 47.0                      | 3.50                                |
| -                              | -                                  | -            | -                        | -                     | 41.7                      | 3.80                                |
| 48.1                           | -                                  | -            | -                        | -                     | 58.6                      | 6.00                                |
| 13.0                           | -                                  | -            | -                        | -                     | 7.6                       | 28.60                               |
| 2.3                            | -                                  | -            | -                        | 4.1                   | 12.2                      | 25.60                               |
| 112.2                          | -                                  | -            | -                        | -                     | 99.5                      | 17.20                               |
| -                              | -                                  | -            | -                        | -                     | -                         | 35.00                               |
| -                              | -                                  | -            | -                        | -                     | -                         | 21.80                               |
| 10.3                           | -                                  | -            | -                        | -                     | 27.2                      | 26.00                               |
| 16.3                           | -                                  | -            | -                        | -                     | 42.0                      | 2.70                                |

|                             |          |     |      |   |      |   |
|-----------------------------|----------|-----|------|---|------|---|
| 連江縣南竿地區小計                   |          |     | 61.5 | - | 82.5 | - |
| Subtotal Nankan, Lienchiang |          | 註17 |      |   |      |   |
| 東湧水庫                        | Dongyong |     | 31.3 | - | 31.5 | - |
| 板里水庫                        | Banli    |     | 14.7 | - | 17.9 | - |
| Lake                        |          | 註5  | 29.0 | - | -    | - |
| Lake                        |          | 註16 | -    | - | 2.3  | - |
| Lake                        |          |     | 0.1  | - | 1.0  | - |

|      |   |   |   |   |      |       |
|------|---|---|---|---|------|-------|
| 1.0  | - | - | - | - | 3.9  | 9.70  |
| 2.3  | - | - | - | - | -    | 2.50  |
| -    | - | - | - | - | 41.5 | 12.40 |
| 31.5 | - | - | - | - | 4.5  | 14.41 |
| 17.9 | - | - | - | - | 6.4  | 14.15 |
| 82.5 | - | - | - | - | 37.7 | -     |

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表6 水庫營運概況 (續4完)

單位：萬立方公尺

| 水庫或壩堰名稱<br>Name of Reservoir,<br>Dam or Weir | 進水量<br>Inflow | 發電水量<br>Water Used<br>for Power<br>Generation | 各標的<br>Water Used for |                                    |
|--|---------------|---|-----------------------|------------------------------------|
|  |               |   | 合計<br>Total           | 農業用水<br>For<br>Water<br>Irrigation |
| Shengli                                      | ...           | -   | ...                   | -                                  |
| Zhunu  | ...           | -   | ...                   | -                                  |
| 儲水沃水庫(上壩) Chushuiwo                          | ...           | -   | ...                   | -                                  |
| 儲水沃水庫(下壩) Chushuiwo                          | ...           | -   | ...                   | -                                  |
| Jinsha                                       | ...           | -   | ...                   | -                                  |
| No.1   | ...           | -   | ...                   | -                                  |
| Chiuguishan                                  | ...           | -   | ...                   | -                                  |
| Houwu  | ...           | -   | ...                   | -                                  |

資料來源：經濟部水利署公務統計報表。

說明：1.本表「各標的用水」欄位93(含)年以前為「未經發電水量」資料；「其他」欄位93(含)年以前為「河道放水(流)量」資料。

2.本表總計與細項和不符，係尾數採四捨五入致之。

3.本表各標的之用水量除需水量外並含輸水損失。

4. 係修正數。

附註：1.表內水庫壩堰資料為「...」，係川流式取水未蓄水。

2.表內水庫壩堰資料為「...」係攔沙功能，或規模甚小，致水庫壩堰並未設置計量儀器，故資料無法取得。

3.翡翠水庫年底水庫存水量含呆水位以下水量。

4.直潭壩及青潭堰係川流取水，致未盡符合「年底水庫水量」項下「存水量」欄之運算式。

5.羅東攔河堰、金湖水庫及南溪壩尚未正式營運。

6.隆恩堰部分資料為「...」，係因與寶山水庫及永和山水庫聯合運用。另寶山水庫「其他」為排放至柯子湖溪以支援新竹給水廠。

7.上坪攔河堰截流上坪溪之水量係供應竹東圳沿線農業灌溉用水、寶山水庫及寶山第二水庫取水。

8.谷關水庫及青山壩本年因大甲溪電廠青山分廠辦理復建工程中，水庫放空。

9.石岡壩因淤積嚴重，每年4-7月、10-12月持續辦理清淤工程，故存水量值僅提供每月月底水位對應蓄容量參考。

10.武界壩、明湖、明潭下池水庫、統櫃壩壩堰部分資料為「...」，係與日月潭聯合運用。

11.烏山頭水庫之入流量主要由東口堰引取曾文水庫排放水，表列損耗水量之計算，係以東口取水量為基準，反推算結果；於枯早期間之耗損水量，包括水庫蒸發量及營運損失量，於汛期間包括反推算烏山頭集水區進水量，故該損耗水量之資料呈顯負值；另集攔河堰在水位因排砂、排洪水位降低後，考水質，則將部份水量蓄存於水庫，凡無供應標的用水，蓄存於水庫之量，在本表損耗水量則顯示負

12.甲仙攔河堰部分資料為「...」，係因引水至南化水庫聯合運用。另西勢水庫之「其他」為自然溢流；南化水庫之「其他」為每月下游基本流流量。

13.高屏溪攔河堰部分資料為「...」，係因與澄清湖水庫聯合運用。

14.東港堰資料為「...」，係與鳳山水庫聯合運用。

15.赤崁地下水庫年底水位為-0.4公尺，因係地下水庫，致水位為海平面以下。

16.金門地區各湖庫給水供應係統合運用，並有地下水加入運用之情形；另陽明湖及蓮湖水庫因濬渫施工，年底無存水量資料。金門地區各湖庫給水供應係統合運用，並有地下水加入運用之情形；另陽明湖

### Table 6. General Status of Reservoir Operation (Cont'd)

Unit :10<sup>4</sup>M<sup>3</sup>

| 用水量<br>All Purposes            |                                    | 其他<br>Others | 洩洪量<br>Spilling<br>Flood | 損耗水量<br>Loss of Water | 年底水庫水量<br>End of the Year |                                     |
|--------------------------------|------------------------------------|--------------|--------------------------|-----------------------|---------------------------|-------------------------------------|
| 生活用水<br>For<br>Water<br>Supply | 工業用水<br>For<br>Water<br>Industrial |              |                          |                       | 存水量<br>Stored<br>Water    | 水位<br>(公尺)<br>Water Level<br>(EL.M) |
| ...                            | -                                  | -            | -                        | -                     | 11.9                      | 13.15                               |
| ...                            | -                                  | -            | -                        | -                     | 0.2                       | 5.50                                |
| ...                            | -                                  | -            | -                        | -                     | 1.2                       | 6.60                                |
| ...                            | -                                  | -            | -                        | -                     | 2.9                       | 17.45                               |
| ...                            | -                                  | -            | -                        | -                     | 1.1                       | 11.75                               |
| ...                            | -                                  | -            | -                        | -                     | 0.1                       | 4.00                                |
| ...                            | -                                  | -            | -                        | -                     | 0.8                       | 6.30                                |
| ...                            | -                                  | -            | -                        | -                     | 19.5                      | 8.90                                |

Data Source : Statistical Reports, WRA, MOEA.

水庫  
慮較佳  
值。

及蓮

湖水庫因濬渫施工，年底無存水量資料。

- 17.連江縣南竿鄉（勝利水庫、珠螺水庫、儲水沃水庫、津沙水庫、津沙一號水庫、邱桂山水庫、后沃水庫）  
各水庫因無法取得各別資料且給水供應係統合運用，僅以合計數表達。

## 表 6 水庫營運概況

單位：萬立方公尺

| 年 別 及 水 庫 別<br><br>Year & Reservoir | 流入水量<br><br>Inflow | 河道放水<br>(流)量<br><br>River<br>Outflow | 洩 洪 量<br><br>Spilling<br>Flood | 損 耗 水 量<br><br>Loss of Water |                              |                             |                                       |
|-------------------------------------|--------------------|--------------------------------------|--------------------------------|------------------------------|------------------------------|-----------------------------|---------------------------------------|
|                                     |                    |                                      |                                | 合 計<br><br>Total             | 營 運 損 失<br>Operation<br>Loss | 蒸 發 水 量<br>Evapora-<br>tion | 未 利 用<br>溢 流 量<br><br>Unused<br>Water |
|                                     |                    |                                      |                                |                              |                              |                             |                                       |
| 民國 73 年      1984                   | 944,617            | 152,311                              | 100,519                        | 21,276                       | -                            | 8,877                       | 12,399                                |
| 民國 74 年      1985                   | 1,333,128          | 239,656                              | 178,156                        | 9,364                        | -                            | 5,745                       | 3,619                                 |
| 民國 75 年      1986                   | 1,281,196          | 245,527                              | 163,114                        | 13,095                       | -                            | 7,594                       | 5,501                                 |
| 民國 76 年      1987                   | 1,094,349          | 168,476                              | 104,602                        | 3,851                        | -                            | 2,527                       | 1,324                                 |
| 民國 77 年      1988                   | 882,414            | 118,881                              | 41,193                         | 8,515                        | -                            | 2,943                       | 5,572                                 |
| 民國 78 年      1989                   | 1,077,128          | 152,697                              | 115,430                        | 10,819                       | 2                            | 2,337                       | 8,480                                 |
| 民國 79 年      1990                   | 1,750,161          | 349,456                              | 416,646                        | 26,849                       | -4,827                       | 2,241                       | 29,435                                |
| 民國 80 年      1991                   | 739,028            | 46,108                               | 43,803                         | 6,202                        | 806                          | 2,517                       | 2,879                                 |
| 民國 81 年      1992                   | 1,458,998          | 261,712                              | 201,826                        | 12,524                       | -7,864                       | 2,688                       | 17,700                                |
| 民國 82 年      1993                   | 795,291            | 117,309                              | 33,166                         | 19,738                       | 2,336                        | 2,893                       | 14,509                                |
| 民國 83 年      1994                   | 1,406,187          | 270,184                              | 241,248                        | 16,413                       | -5,045                       | 2,438                       | 19,020                                |
| 民國 84 年      1995                   | 884,581            | 4,155                                | 129,310                        | 7,386                        | 2,647                        | 2,731                       | 2,008                                 |
| 民國 85 年      1996                   | 1,097,905          | 171,305                              | 147,399                        | 2,519                        | -1,885                       | 2,269                       | 2,135                                 |
| 民國 86 年      1997                   | 1,266,413          | 229,481                              | 142,926                        | 11,485                       | -6,339                       | 3,237                       | 14,587                                |
| 民國 87 年      1998                   | 1,379,915          | 231,974                              | 172,150                        | 3,979                        | -4,841                       | 3,632                       | 5,188                                 |
| 民國 88 年      1999                   | 984,780            | 140,289                              | 66,194                         | 8,094                        | -2,572                       | 2,751                       | 7,915                                 |
| 民國 89 年      2000                   | 1,515,526          | 155,571                              | 332,531                        | 33,462                       | 1,532                        | 3,073                       | 28,857                                |

## Table 6. General Status of Reservoir Operation

Unit :10<sup>4</sup>M<sup>3</sup>

| 發 電 水 量                         |                   |                        |                        | 未 經 發 電 水 量                          |                        |                        | 年 底 水 庫 水 量                         |                               |
|---------------------------------|-------------------|------------------------|------------------------|--------------------------------------|------------------------|------------------------|-------------------------------------|-------------------------------|
| Water Used for Power Generation |                   |                        |                        | Water Used for<br>Non-power Purposes |                        |                        | Water Balance at<br>End of the Year |                               |
| 合 計                             | 專 用               | 灌 溉                    | 給 水                    | 合 計                                  | 灌 溉                    | 給 水                    | 存 水 量                               | 水 位                           |
| Total                           | For<br>Power Only | For<br>Irriga-<br>tion | For<br>Water<br>Supply | Total                                | For<br>Irriga-<br>tion | For<br>Water<br>Supply | Stored<br>Water                     | (公尺)<br>Water Level<br>(EL.M) |
| 405,564                         | 356,251           | 27,411                 | 21,902                 | 171,426                              | 135,548                | 35,878                 | -                                   | -                             |
| 602,819                         | 545,253           | 38,443                 | 19,123                 | 176,188                              | 122,105                | 54,083                 | -                                   | -                             |
| 569,255                         | 514,198           | 36,721                 | 18,336                 | 208,096                              | 148,039                | 60,057                 | -                                   | -                             |
| 527,383                         | 473,734           | 36,744                 | 16,905                 | 193,444                              | 131,756                | 61,688                 | -                                   | -                             |
| 436,513                         | 380,586           | 38,822                 | 17,105                 | 192,358                              | 125,299                | 67,059                 | -                                   | -                             |
| 470,172                         | 411,411           | 37,276                 | 21,485                 | 219,941                              | 143,843                | 76,098                 | -                                   | -                             |
| 743,158                         | 588,681           | 115,880                | 38,597                 | 226,605                              | 145,917                | 80,688                 | -                                   | -                             |
| 449,387                         | 297,492           | 115,748                | 36,147                 | 214,760                              | 132,940                | 81,820                 | -                                   | -                             |
| 745,026                         | 626,377           | 81,577                 | 37,072                 | 200,215                              | 108,419                | 91,796                 | -                                   | -                             |
| 489,067                         | 346,169           | 107,893                | 35,005                 | 221,045                              | 124,189                | 96,856                 | -                                   | -                             |
| 585,131                         | 478,497           | 73,694                 | 32,940                 | 214,340                              | 103,940                | 110,400                | -                                   | -                             |
| 553,778                         | 414,489           | 107,495                | 31,794                 | 249,369                              | 126,458                | 122,911                | -                                   | -                             |
| 490,958                         | 393,027           | 71,215                 | 26,716                 | 217,369                              | 89,121                 | 128,248                | -                                   | -                             |
| 628,256                         | 483,332           | 113,960                | 30,964                 | 254,326                              | 120,911                | 133,415                | -                                   | -                             |
| 681,884                         | 552,212           | 97,659                 | 32,013                 | 255,986                              | 109,929                | 146,057                | 157,749                             | -                             |
| 545,716                         | 397,953           | 113,785                | 33,978                 | 271,195                              | 120,371                | 150,824                | 119,224                             | -                             |
| 681,900                         | 516,995           | 99,106                 | 65,799                 | 322,034                              | 126,619                | 195,415                | 165,763                             | -                             |