



# 行政院環境保護署重要環保統計通報

## 五大河川水質狀況表

### 〔提要分析〕

100年2月份水質監測污染程度評定結果：

- 淡水河水系(38站)：輕度污染以下為 22站，與上月比較，減 #####
- 頭前溪水系( 8站)：輕度污染以下為 8站，與上月相同。
- 大甲溪水系( 9站)：輕度污染以下為 9站，與上月相同。
- 曾文溪水系(11站)：輕度污染以下為 10站，與上月相同。
- 高屏溪水系(17站)：輕度污染以下為 12站，與上月比較，增 3站。

行政院環境保護署統計室 100年4月25日

| 河川別   | 監測站   | 污染等級   |     |      |    |      |        | 河川別   | 監測站   | 污染等級 |       |       |     |      |        |     |     |   |
|-------|-------|--------|-----|------|----|------|--------|-------|-------|------|-------|-------|-----|------|--------|-----|-----|---|
|       |       | 99年    |     | 100年 |    | 與上月較 | 與同月上年較 |       |       | 99年  |       | 100年  |     | 與上月較 | 與同月上年較 |     |     |   |
|       |       | 2月     | 12月 | 1月   | 2月 |      |        |       |       | 2月   | 12月   | 1月    | 2月  |      |        |     |     |   |
| 淡水河水系 | 淡本水河  | 忠孝橋    | ●   | ●    | ●  | ●    | ↓      | —     | 水     | 上坪溪  | 瑞豐大橋  | ●     | ●   | ●    | ●      | —   | —   |   |
|       |       | 重陽橋    | ●   | ●    | ●  | ●    | ↓      | ↑     |       |      | 寶山取水口 | ●     | ●   | ●    | ●      | —   | —   |   |
|       |       | 關渡橋    | ●   | ●    | ●  | ●    | ↓      | —     |       |      | 竹東大橋  | ●     | ●   | ●    | ●      | —   | —   |   |
|       |       | 淡水河口   | ●   | ●    | ●  | ●    | ↓      | —     |       |      | 油羅溪   | ●     | ●   | ●    | ●      | —   | —   |   |
|       | 大漢溪   | 後池堰    | ●   | ●    | ●  | ●    | —      | —     | 大甲溪水系 | 大甲溪  | 松鶴橋   | ●     | ●   | ●    | ●      | —   | —   |   |
|       |       | 大溪橋    | ●   | ●    | ●  | ●    | ↑      | —     |       |      | 迎賓橋   | ●     | ●   | ●    | ●      | ↑   | —   |   |
|       |       | 板新取水口  | ●   | ●    | ●  | ●    | —      | —     |       |      | 龍安大橋  | ●     | ●   | ●    | ●      | —   | —   |   |
|       |       | 三鶯橋    | ●   | ●    | ●  | ●    | ↓      | ↓     |       |      | 東勢橋   | ●     | ●   | ●    | ●      | —   | —   |   |
|       |       | 後村圳取水口 | ●   | ●    | ●  | ●    | ↓      | ↓     |       |      | 石岡壩   | ○     | ●   | ●    | ●      | —   | ... |   |
|       |       | 浮洲橋    | ●   | ●    | ●  | ●    | ↓      | —     |       |      | 后豐大橋  | ○     | ●   | ●    | ●      | —   | ... |   |
|       | 三峡河   | 新海橋    | ●   | ●    | ●  | ●    | ↓      | —     | 高速公路橋 | ●    | ●     | ●     | ●   | —    | —      |     |     |   |
|       |       | 醒心橋    | ●   | ●    | ●  | ●    | —      | —     | 朴子口   | ●    | ●     | ●     | ●   | —    | ↑      |     |     |   |
|       | 新店溪   | 三峡橋    | 三峡橋 | ●    | ●  | ●    | ↓      | —     | 曾文溪水系 | 曾文溪  | 山上水源地 | ●     | ●   | ●    | ●      | —   | —   |   |
|       |       |        | 屈尺堰 | ●    | ●  | ●    | ●      | —     |       |      | —     | 曾文一號橋 | ●   | ●    | ●      | ●   | —   | ↑ |
|       |       | 直潭堰    | ●   | ●    | ●  | ●    | —      | —     |       |      | 玉井橋   | ●     | ●   | ●    | ●      | —   | —   |   |
|       |       | 青潭堰    | ●   | ●    | ●  | ●    | —      | —     |       |      | 走馬瀨橋  | ●     | ●   | ●    | ●      | —   | —   |   |
|       |       | 碧潭大橋   | ●   | ●    | ●  | ●    | —      | —     |       |      | 二溪大橋  | ●     | ●   | ●    | ●      | —   | —   |   |
|       |       | 秀朗橋    | ●   | ●    | ●  | ●    | ↓      | ↑     |       |      | 北勢洲橋  | ●     | ○   | ●    | ●      | —   | —   |   |
| 中正橋   |       | ●      | ●   | ●    | ●  | ↓    | ↑      | 曾文溪橋  |       |      | ○     | ●     | ●   | ●    | —      | ... |     |   |
| 華中橋   |       | ●      | ●   | ●    | ●  | ↓    | ↑      | 麻善大橋  |       |      | ●     | ●     | ●   | ●    | —      | ↑   |     |   |
| 景美溪   | 楓林橋   | ●      | ●   | ●    | ●  | —    | —      | 西港大橋  | ●     | ●    | ●     | ●     | —   | —    |        |     |     |   |
|       | 深坑中正橋 | ●      | ●   | ●    | ●  | —    | —      | 國聖大橋  | ○     | ○    | ○     | ○     | ... | ...  |        |     |     |   |
| 基隆河   | 寶橋    | 寶橋     | ●   | ●    | ●  | ↓    | ↓      | 高屏溪水系 | 高屏溪   | 玉峰大橋 | ●     | ●     | ●   | ●    | —      | —   |     |   |
|       |       | 紹嶺車站   | ●   | ●    | ●  | ●    | —      |       |       | —    | 高屏大橋  | ●     | ●   | ●    | ●      | —   | —   |   |
|       | 侯硐車站  | ●      | ●   | ●    | ●  | —    | —      |       |       | 萬大大橋 | ●     | ●     | ●   | ●    | ↓      | ↓   |     |   |
|       | 介壽橋   | ●      | ●   | ●    | ●  | —    | —      |       |       | 雙園大橋 | ●     | ●     | ●   | ●    | —      | —   |     |   |
|       | 暖江橋   | ●      | ●   | ●    | ●  | —    | —      |       |       | 新發大橋 | ●     | ●     | ●   | ●    | —      | —   |     |   |
|       | 六合橋   | ●      | ●   | ●    | ●  | ↓    | —      |       |       | 六龜大橋 | ●     | ●     | ●   | ●    | —      | —   |     |   |
|       | 實踐橋   | ●      | ●   | ●    | ●  | ↓    | —      |       |       | 新察吊橋 | ○     | ○     | ○   | ○    | ...    | ... |     |   |
|       | 江北橋   | ●      | ●   | ●    | ●  | ↓    | —      |       |       | 里港大橋 | ●     | ●     | ●   | ●    | ↑      | ↓   |     |   |
|       | 南湖大橋  | ●      | ●   | ●    | ●  | ↓    | —      |       |       | 隘寮堰  | ●     | ●     | ●   | ●    | —      | —   |     |   |
|       | 成美橋   | ●      | ●   | ●    | ●  | ↓    | —      |       |       | 南華大橋 | ○     | ●     | ●   | ●    | ↑      | ... |     |   |
| 頭前溪   | 民權大橋  | 民權大橋   | ●   | ●    | ●  | ↓    | —      | 武洛溪   | 武洛溪   | 九如橋  | ●     | ●     | ●   | ●    | ↓      | —   |     |   |
|       |       | 大直橋    | ●   | ●    | ●  | ●    | ↓      |       |       | —    | 濁口溪   | ●     | ●   | ●    | ●      | ↑   | ↑   |   |
|       | 中山橋   | ●      | ●   | ●    | ●  | ↓    | —      |       |       | 牛稠溪  | ●     | ●     | ●   | ●    | ↓      | —   |     |   |
|       | 百齡橋   | ●      | ●   | ●    | ●  | ↓    | ↑      |       |       | 旗山溪  | ●     | ●     | ●   | ●    | —      | —   |     |   |
|       | 竹林大橋  | ●      | ●   | ●    | ●  | —    | ↑      |       |       | 美濃溪  | 美濃溪   | 四德大橋  | ●   | ●    | ●      | ●   | ↑   | ↑ |
|       | 中正大橋  | ●      | ●   | ●    | ●  | —    | —      |       |       |      |       | 嶺口橋   | ●   | ●    | ●      | ●   | —   | — |
|       | 頭前溪橋  | ●      | ●   | ●    | ●  | —    | —      |       |       |      |       | 月眉橋   | ●   | ○    | ●      | ●   | ... | — |
|       | 溪洲大橋  | ●      | ●   | ●    | ●  | —    | —      |       |       | 新旗尾橋 | ●     | ●     | ●   | ●    | —      | —   |     |   |
|       |       |        |     |      |    |      |        |       |       | 西門大橋 | ●     | ●     | ●   | ●    | ↑      | ↑   |     |   |
|       |       |        |     |      |    |      |        |       |       | 旗南橋  | ●     | ●     | ●   | ●    | —      | ↑   |     |   |

資料來源：本署環境監測及資訊處100年2月份河川監測結果整理而成。

說明：1. 本表統計數據為初步統計數。

2. 「輕度污染以下」係指污染等級為未(稍)受污染及輕度污染。

3. 與上月或上年同期比較：'↑'為污染程度減輕，'—'為維持同等級污染，'↓'為污染程度加重，'...'為無法採樣。

4. 圖示評定污染等級表：

| 污染等級 | 未(稍)受污染 | 輕度污染 | 中度污染 | 嚴重污染 | 未採樣 |
|------|---------|------|------|------|-----|
| 圖示   | ●       | ●    | ●    | ●    | ○   |



# 行政院環境保護署重要環保統計通報

## 五大河川水質狀況表(續)

| 河川名 | 監測站 | 100年2月份監測情形 |                           |           |                         |       |      | 積分   | 污染等級  | 河川名  | 監測站   | 100年2月份監測情形 |                           |           |                         |      |      | 積分 | 污染等級 |
|-----|-----|-------------|---------------------------|-----------|-------------------------|-------|------|------|-------|------|-------|-------------|---------------------------|-----------|-------------------------|------|------|----|------|
|     |     | 水質項目 (mg/L) |                           |           |                         | 積分    | 污染等級 |      |       |      |       | 水質項目 (mg/L) |                           |           |                         | 積分   | 污染等級 |    |      |
|     |     | 溶氧量 (DO)    | 生化需氧量 (BOD <sub>5</sub> ) | 懸浮固體 (SS) | 氨氮 (NH <sub>3</sub> -N) |       |      |      |       |      |       | 溶氧量 (DO)    | 生化需氧量 (BOD <sub>5</sub> ) | 懸浮固體 (SS) | 氨氮 (NH <sub>3</sub> -N) |      |      |    |      |
| 淡水  | 本水  | 忠孝橋         | 0.2                       | 5.7       | 18.2                    | 6.33  | 6.75 | D    | (八站)  | 上坪溪  | 瑞豐大橋  | 10.4        | N.D.                      | 2.7       | 0.01                    | 1.00 | A    |    |      |
|     |     | 重陽橋         | 1.3                       | 2.5       | 13.0                    | 4.60  | 5.50 | C    |       |      | 寶山取水口 | 10.1        | N.D.                      | 1.8       | 0.01                    | 1.00 | A    |    |      |
|     |     | 關渡橋         | 3.2                       | N.D.      | 21.5                    | 2.96  | 4.00 | C    |       |      | 竹東大橋  | 13.1        | N.D.                      | 2.4       | 0.01                    | 1.00 | A    |    |      |
| 大漢  | 大漢  | 淡水河口        | 5.6                       | 1.4       | 27.2                    | 1.42  | 3.25 | C    | (九站)  | 甲    | 油羅溪   | 內灣吊橋        | 10.3                      | N.D.      | 1.6                     | 0.02 | 1.00 | A  |      |
|     |     | 後池堰         | 10.4                      | N.D.      | 3.2                     | N.D.  | 1.00 | A    |       |      | 松鶴橋   | 10.5        | N.D.                      | 2.2       | 0.02                    | 1.00 | A    |    |      |
|     |     | 大溪橋         | 10.2                      | N.D.      | 6.2                     | 0.02  | 1.00 | A    |       |      | 迎賓橋   | 9.5         | 2.4                       | 1.3       | N.D.                    | 1.00 | A    |    |      |
|     |     | 板新取水口       | 11.3                      | 3.4       | 9.2                     | 0.17  | 1.50 | A    |       |      | 龍安大橋  | 10.6        | N.D.                      | 2.8       | 0.02                    | 1.00 | A    |    |      |
|     |     | 三鶯橋         | 12.0                      | 6.2       | 19.6                    | 0.21  | 2.25 | B    |       |      | 東勢橋   | 9.4         | N.D.                      | 6.0       | 0.01                    | 1.00 | A    |    |      |
|     |     | 後村圳取水口      | 8.4                       | 3.2       | 6.4                     | 3.28  | 3.75 | C    |       |      | 石岡壩   | 9.7         | N.D.                      | 4.1       | 0.02                    | 1.00 | A    |    |      |
|     |     | 浮洲橋         | 0.8                       | 3.8       | 6.1                     | 5.43  | 6.00 | C    |       |      | 后豐大橋  | 9.8         | 1.8                       | 11.0      | 0.07                    | 1.00 | A    |    |      |
|     |     | 新海橋         | 0.3                       | 10.9      | 15.1                    | 10.00 | 6.75 | D    |       |      | 高速公路橋 | 11.2        | 2.3                       | 2.6       | 0.07                    | 1.00 | A    |    |      |
|     |     | 三峽河         | 醒心橋                       | 11.0      | N.D.                    | 1.6   | N.D. | 1.00 |       |      | A     | 朴子口         | 10.2                      | 1.9       | 27.2                    | 0.07 | 1.50 | A  |      |
|     |     |             | 三峽橋                       | 7.1       | 6.5                     | 12.1  | 3.82 | 4.50 |       |      | C     | 大甲溪橋        | 8.5                       | 2.3       | 17.6                    | 0.14 | 1.00 | A  |      |
| 新店  | 新店  | 屈尺堰         | 9.4                       | N.D.      | 6.1                     | 0.02  | 1.00 | A    | (十二站) | 文    | 山上水源地 | 9.2         | N.D.                      | 26.4      | N.D.                    | 1.50 | A    |    |      |
|     |     | 直潭堰         | 9.8                       | N.D.      | 3.8                     | 0.01  | 1.00 | A    |       |      | 曾文一號橋 | 8.9         | N.D.                      | 5.7       | 0.03                    | 1.00 | A    |    |      |
|     |     | 青潭堰         | 9.6                       | N.D.      | 5.0                     | N.D.  | 1.00 | A    |       |      | 玉井橋   | 10.4        | N.D.                      | 15.7      | 0.17                    | 1.00 | A    |    |      |
|     |     | 碧潭大橋        | 9.4                       | N.D.      | 5.8                     | 0.06  | 1.00 | A    |       |      | 走馬瀨橋  | 9.4         | N.D.                      | 8.5       | 0.05                    | 1.00 | A    |    |      |
|     |     | 秀朗橋         | 7.9                       | 1.5       | 7.6                     | 1.00  | 2.25 | B    |       |      | 二溪大橋  | 9.2         | N.D.                      | 15.5      | 0.08                    | 1.00 | A    |    |      |
|     |     | 中正橋         | 5.8                       | 2.3       | 12.4                    | 1.59  | 2.75 | B    |       |      | 北勢洲橋  | 10.9        | N.D.                      | 7.7       | 0.09                    | 1.00 | A    |    |      |
|     |     | 華中橋         | 6.5                       | 2.7       | 18.7                    | 1.59  | 2.25 | B    |       |      | 曾文溪橋  | 9.7         | 3.4                       | 56.1      | 3.82                    | 5.00 | C    |    |      |
|     |     | 華江橋         | 4.4                       | 3.1       | 21.6                    | 2.40  | 4.50 | C    |       |      | 麻善大橋  | 8.5         | 5.4                       | 34.1      | 0.41                    | 2.75 | B    |    |      |
|     |     | 景美溪         | 楓林橋                       | 10.0      | N.D.                    | 2.4   | 0.07 | 1.00 |       |      | A     | 西港大橋        | 7.2                       | N.D.      | 24.5                    | 0.65 | 2.00 | A  |      |
|     |     |             | 深坑中正橋                     | 9.0       | 1.1                     | 4.4   | 0.30 | 1.00 |       |      | A     | 國聖大橋        | -                         | -         | -                       | -    | -    | -  |      |
| 基隆  | 基隆  | 萬壽橋         | 5.6                       | 2.1       | 4.4                     | 1.42  | 2.75 | B    | (十站)  | 高    | 曾文溪河口 | 7.8         | N.D.                      | 21.5      | 0.17                    | 1.50 | A    |    |      |
|     |     | 寶橋          | 5.2                       | 8.1       | 6.5                     | 2.57  | 4.00 | C    |       |      | 菜寮溪   | 9.0         | 1.1                       | 33.0      | 0.03                    | 1.50 | A    |    |      |
|     |     | 貂嶺車站        | 10.1                      | N.D.      | 2.1                     | 0.02  | 1.00 | A    |       |      | 高屏    | 9.7         | 5.3                       | 30.2      | 3.82                    | 5.00 | C    |    |      |
|     |     | 侯硐車站        | 10.1                      | N.D.      | 1.4                     | N.D.  | 1.00 | A    |       |      | 萬大大橋  | 8.3         | 5.0                       | 26.2      | 4.31                    | 5.00 | C    |    |      |
|     |     | 介壽橋         | 10.1                      | 1.1       | 2.2                     | 0.31  | 1.00 | A    |       |      | 雙園大橋  | 8.1         | 3.5                       | 46.5      | 1.33                    | 3.25 | C    |    |      |
|     |     | 暖江橋         | 9.1                       | N.D.      | 3.4                     | 0.77  | 1.50 | A    |       |      | 荖     | 新發大橋        | 9.0                       | N.D.      | 19.2                    | N.D. | 1.00 | A  |      |
|     |     | 六合橋         | 7.7                       | 2.1       | 4.0                     | 1.80  | 2.25 | B    |       |      | 濃     | 六龜大橋        | 9.1                       | N.D.      | 3.2                     | N.D. | 1.00 | A  |      |
|     |     | 實踐橋         | 7.0                       | 2.7       | 5.7                     | 2.24  | 2.25 | B    |       |      | 新寮吊橋  | -           | -                         | -         | -                       | -    | -    |    |      |
|     |     | 江北橋         | 6.2                       | 2.0       | 4.2                     | 1.61  | 2.75 | B    |       |      | 里港大橋  | 6.6         | N.D.                      | 68.0      | 0.04                    | 2.25 | B    |    |      |
|     |     | 南湖大橋        | 4.0                       | 3.9       | 7.9                     | 2.94  | 4.00 | C    |       |      | 隘寮溪   | 隘寮堰         | 5.8                       | N.D.      | 3.8                     | N.D. | 1.50 | A  |      |
| 頭前溪 | 頭前溪 | 成美橋         | 3.1                       | 3.5       | 7.9                     | 3.06  | 5.00 | C    | 南華大橋  | 9.7  | N.D.  | 25.8        | N.D.                      | 1.50      | A                       |      |      |    |      |
|     |     | 民權大橋        | 2.7                       | 2.4       | 9.1                     | 2.45  | 3.50 | C    | 武洛溪   | 2.3  | 10.1  | 21.4        | 5.05                      | 6.25      | D                       |      |      |    |      |
|     |     | 大直橋         | 2.9                       | 1.9       | 12.1                    | 2.90  | 3.50 | C    | 濁口溪   | 8.9  | N.D.  | 4.7         | N.D.                      | 1.00      | A                       |      |      |    |      |
|     |     | 中山橋         | 2.9                       | 3.5       | 19.4                    | 2.69  | 4.00 | C    | 牛稠溪   | 10.5 | 21.0  | 58.6        | 10.30                     | 6.75      | D                       |      |      |    |      |
|     |     | 百齡橋         | 2.4                       | 3.2       | 17.1                    | 2.54  | 4.00 | C    | 旗山    | 四德大橋 | 9.2   | N.D.        | 1.3                       | N.D.      | 1.00                    | A    |      |    |      |
|     |     | 頭前溪         | 竹林大橋                      | 11.8      | N.D.                    | 1.6   | 0.01 | 1.00 |       | A    | 嶺口橋   | 8.5         | N.D.                      | 52.0      | 0.07                    | 2.25 | B    |    |      |
|     |     |             | 中正大橋                      | 11.0      | 1.4                     | 10.7  | 0.05 | 1.00 |       | A    | 月眉橋   | 9.8         | N.D.                      | 6.8       | 0.02                    | 1.00 | A    |    |      |
|     |     |             | 頭前溪橋                      | 11.9      | 1.7                     | 13.4  | 0.03 | 1.00 |       | A    | 新旗尾橋  | 10.4        | N.D.                      | 13.8      | 0.03                    | 1.00 | A    |    |      |
|     |     |             | 溪洲大橋                      | 9.3       | 1.5                     | 11.7  | 0.06 | 1.00 | A     | 美濃溪  | 8.8   | N.D.        | 27.0                      | 0.29      | 1.50                    | A    |      |    |      |
|     |     |             |                           |           |                         |       |      |      |       |      |       | 旗南橋         | 8.4                       | 1.2       | 30.4                    | 0.26 | 1.50 | A  |      |

說明：5. 溶氧量 (DO)係使用本署環境檢驗所公告之『電極法』；"N. D."表示低於檢測方法之偵測極限；"- "表示該項目無檢測分析。

6. 監測站無法採樣原因列出如下：

- (1) 國聖大橋：橋樑施工。
- (2) 新寮吊橋：河道乾涸。

7. 評定污染等級表(表內之積分數為DO、BOD<sub>5</sub>、SS、NH<sub>3</sub>-N 點數之平均值)如下：

| 污染等級                      | A: 未(稍)受污染               | B: 輕度污染                         | C: 中度污染                         | D: 嚴重污染                  |
|---------------------------|--------------------------|---------------------------------|---------------------------------|--------------------------|
| 溶氧量 (DO)                  | DO ≥ 6.5                 | 6.5 > DO ≥ 4.6                  | 4.6 > DO ≥ 2.0                  | DO < 2.0                 |
| 生化需氧量 (BOD <sub>5</sub> ) | BOD <sub>5</sub> ≤ 3.0   | 3.0 < BOD <sub>5</sub> ≤ 4.9    | 4.9 < BOD <sub>5</sub> ≤ 15     | BOD <sub>5</sub> > 15    |
| 懸浮固體 (SS)                 | SS ≤ 20                  | 20 < SS ≤ 49                    | 49 < SS ≤ 100                   | SS > 100                 |
| 氨氮 (NH <sub>3</sub> -N)   | NH <sub>3</sub> -N ≤ 0.5 | 0.5 < NH <sub>3</sub> -N ≤ 0.99 | 0.99 < NH <sub>3</sub> -N ≤ 3.0 | NH <sub>3</sub> -N > 3.0 |
| 點數                        | 1                        | 3                               | 6                               | 10                       |
| 積分(S)                     | S ≤ 2.0                  | 2.0 < S ≤ 3.0                   | 3.0 < S ≤ 6.0                   | S > 6.0                  |

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