



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〕

98年11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 5站。
- 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(8站)：輕度污染以下為 7站，與上月比較，減 2站。
- 曾文溪水系(10站)：輕度污染以下為 10站，與上月相同。
- 高屏溪水系(16站)：輕度污染以下為 5站，與上月比較，增 4站。

行政院環境保護署統計室 98年12月30日

| 河川別 | 監測站 | 污染等級 | | | | | | 河川別 | 監測站 | 污染等級 | | | | | | | | | |
|-------|-----|------|--------|-------|-----|--------|--------|------|-------|-------|-------|-------|------|--------|--------|-----|-----|-----|-----|
| | | 97年 | | 98年 | | 98年11月 | | | | 97年 | | 98年 | | 98年11月 | | | | | |
| | | 11月 | 9月 | 10月 | 11月 | 與上月較 | 與同月上年較 | | | 11月 | 9月 | 10月 | 11月 | 與上月較 | 與同月上年較 | | | | |
| 淡水河水系 | 淡本 | 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 | 內灣吊橋 | ● | ● | ● | ● | — | — | |
| | 大漢溪 | 大 | 後池堰 | ● | ● | ● | ● | ↑ | — | 大甲溪 | 大 | 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 | ○ | ● | ● | ● | — | ... | |
| | 三峽河 | 三峽河 | 新海橋 | ● | ● | ● | ● | — | — | 高速公路橋 | ● | ● | ● | ● | — | — | | | |
| | | | 醒心橋 | ● | ● | ● | ● | — | — | 朴子口 | ● | ● | ● | ● | — | — | | | |
| | 新店溪 | 新店 | 屈尺堰 | ● | ● | ● | ● | ↓ | ↓ | 曾文溪 | 曾 | 山上水源地 | ● | ● | ● | ● | — | — | |
| | | | 直潭堰 | ● | ● | ● | ● | ↑ | ↑ | | | 曾文一號橋 | ● | ● | ● | ● | — | — | |
| | | | 青潭堰 | ● | ● | ● | ● | ↑ | ↑ | | | 玉井橋 | ● | ● | ● | ● | — | — | |
| | | | 碧潭大橋 | ● | ● | ● | ● | ↑ | ↑ | | | 走馬瀨橋 | ● | ● | ● | ● | ↑ | — | |
| | | | 秀朗橋 | ● | ● | ● | ● | ↑ | ↑ | | | 二溪大橋 | ● | ● | ● | ● | ↑ | ... | |
| | | | 中正橋 | ● | ● | ● | ● | — | — | | | 北勢洲橋 | ○ | ● | ● | ● | ↑ | ... | |
| 華中橋 | | | ● | ● | ● | ● | — | ↑ | 曾文溪橋 | | | ● | ● | ● | ● | ↑ | — | | |
| 華江橋 | | | ● | ● | ● | ● | ↑ | ↑ | 麻善大橋 | | | ● | ● | ● | ● | — | ↓ | | |
| 景美溪 | | | 景美 | 楓林橋 | ● | ● | ● | ● | — | | | — | 西港大橋 | ● | ● | ● | ● | — | ↑ |
| | | | | 深坑中正橋 | ● | ● | ● | ● | — | | | — | 國聖大橋 | ● | ● | ● | ● | ... | ... |
| 基隆河 | 基隆 | 萬壽橋 | ● | ● | ● | ● | ↑ | ↑ | 曾文溪河口 | ● | ● | ● | ● | ... | ... | | | | |
| | | 寶橋 | ● | ● | ● | ● | ↓ | — | 菜寮溪 | 玉峰大橋 | ● | ● | ● | ● | — | — | | | |
| | | 貂嶺車站 | ● | ● | ● | ● | — | — | 高屏溪 | 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 | ● | ● | ● | ● | — | — | 新寮吊橋 | ○ | ● | ● | ● | ... | ... | | | | |
| | | 江北橋 | ● | ● | ● | ● | — | — | 里港大橋 | ● | ● | ● | ● | — | ↓ | | | | |
| | | 南湖大橋 | ● | ● | ● | ● | ↓ | ↓ | 隘寮溪 | 隘寮堰 | ○ | ● | ● | ● | ↑ | ... | | | |
| | | 成美橋 | ● | ● | ● | ● | ↓ | ↓ | | 南華大橋 | ● | ● | ● | ● | — | ↓ | | | |
| | | 民權大橋 | ● | ● | ● | ● | ↓ | ↓ | | 武洛溪 | 九如橋 | ● | ● | ● | ● | ↓ | — | | |
| 大直橋 | ● | ● | ● | ● | ↓ | ↓ | 濁口溪 | 大津橋 | ● | ○ | ○ | ● | ... | ↓ | | | | | |
| 中山橋 | ● | ● | ● | ● | — | — | 牛稠溪 | 昌農橋 | ● | ● | ● | ● | — | — | | | | | |
| 百齡橋 | ● | ● | ● | ● | — | — | 旗山溪 | 四德大橋 | ● | ○ | ○ | ● | ... | — | | | | | |
| 頭前溪 | 頭前 | 竹林大橋 | ● | ● | ● | ● | | — | — | 4 | ● | ● | ● | ● | — | ↓ | | | |
| | | 中正大橋 | ● | ● | ● | ● | | — | — | 月眉橋 | ● | ● | ● | ● | ↑ | — | | | |
| | | 頭前溪橋 | ● | ● | ● | ● | — | — | 新旗尾橋 | ○ | ○ | ○ | ● | ... | ... | | | | |
| 溪 | 溪 | 溪洲大橋 | ● | ● | ● | ● | — | — | 美濃溪 | 西門大橋 | ● | ● | ● | ● | ↑ | ↑ | | | |
| | | | | | | | | | | 旗南橋 | ● | ● | ● | ● | ↑ | — | | | |

資料來源：本署環境監測及資訊處98年11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(稿)

| 河川名 | 監測站 | 98年11月份監測情形 | | | | | | | 積分 | 污染等級 | 河川名 | 監測站 | 98年11月份監測情形 | | | | | | | 積分 | 污染等級 |
|------|------|-------------|---------------------------|-----------|-------------------------|-----------|-------------------------|----------|-----------|------------|-------|--------|---------------------------|----------|---------------------------|-----------|-------------------------|---|--|----|------|
| | | 水質項目 (mg/L) | | | | 懸浮固體 (SS) | 氨氮 (NH ₃ -N) | 溶氧量 (DO) | | | | | 生化需氧量 (BOD ₅) | 溶氧量 (DO) | 生化需氧量 (BOD ₅) | 懸浮固體 (SS) | 氨氮 (NH ₃ -N) | | | | |
| | | 溶氧量 (DO) | 生化需氧量 (BOD ₅) | 懸浮固體 (SS) | 氨氮 (NH ₃ -N) | | | | | | | | | | | | | | | | |
| 淡水系 | 淡本水 | 忠孝橋 | 0.5 | 5.9 | 37.5 | 5.35 | 7.25 | D | 水(八系)站 | 上坪溪 | 瑞豐大橋 | 9.5 | 2.9 | 1.6 | N.D. | 1.00 | A | | | | |
| | | 重陽橋 | 2.0 | 2.2 | 33.2 | 3.64 | 5.00 | C | | 寶山取水口 | 9.5 | N.D. | 2.5 | N.D. | 1.00 | A | | | | | |
| | | 關渡橋 | 4.1 | N.D. | 39.8 | 2.15 | 4.00 | C | | 竹東大橋 | 10.4 | N.D. | 2.0 | N.D. | 1.00 | A | | | | | |
| | | 淡水河口 | 5.8 | 1.7 | 50.1 | 1.28 | 4.00 | C | | 油羅溪 | 內灣吊橋 | 9.3 | N.D. | 1.4 | N.D. | 1.00 | A | | | | |
| | 大漢溪 | 後池堰 | 8.4 | N.D. | 23.0 | N.D. | 1.50 | A | 大甲溪水系(九站) | 大甲 | 松鶴橋 | 9.5 | N.D. | 1.8 | 0.03 | 1.00 | A | | | | |
| | | 大溪橋 | 9.5 | N.D. | 5.7 | N.D. | 1.00 | A | | 迎賓橋 | 8.9 | N.D. | N.D. | 0.04 | 1.00 | A | | | | | |
| | | 板新取水口 | 8.4 | 1.3 | 24.3 | 0.12 | 1.50 | A | | 龍安大橋 | 9.3 | N.D. | 2.5 | 0.02 | 1.00 | A | | | | | |
| | | 三鶯橋 | 12.4 | 1.6 | 7.2 | 0.06 | 1.00 | A | | 東勢橋 | 8.9 | N.D. | 3.0 | 0.03 | 1.00 | A | | | | | |
| | | 後村圳取水口 | 10.4 | 2.2 | 7.0 | 0.70 | 1.50 | A | | 石岡壩 | - | - | - | - | - | - | | | | | |
| | | 浮洲橋 | 1.8 | 3.1 | 12.8 | 3.39 | 6.00 | C | | 后豐大橋 | 9.5 | N.D. | 16.3 | 0.07 | 1.00 | A | | | | | |
| | 三峽河 | 新海橋 | 0.0 | 14.0 | 26.2 | 9.23 | 7.25 | D | 高速公路橋 | 9.7 | N.D. | 8.8 | 0.06 | 1.00 | A | | | | | | |
| | | 醒心橋 | 10.5 | N.D. | 1.6 | N.D. | 1.00 | A | 朴子口 | 10.0 | N.D. | 4.9 | 0.04 | 1.00 | A | | | | | | |
| | 新店溪 | 屈尺堰 | 三峽橋 | 4.1 | 22.0 | 24.8 | 1.53 | 6.25 | D | 曾文溪水系(十二站) | 曾文 | 山上水源地 | 7.6 | N.D. | N.D. | N.D. | 1.00 | A | | | |
| | | | 直潭堰 | 9.2 | N.D. | 9.4 | N.D. | 1.00 | A | | 曾文一號橋 | 7.8 | N.D. | 25.4 | 0.01 | 1.50 | A | | | | |
| | | 青潭堰 | 9.2 | N.D. | 21.0 | 0.02 | 1.50 | A | 玉井橋 | | 7.3 | N.D. | 40.2 | 0.02 | 1.50 | A | | | | | |
| | | 碧潭大橋 | 8.8 | N.D. | 13.3 | 0.04 | 1.00 | A | 走馬瀨橋 | | 7.8 | N.D. | 8.6 | 0.02 | 1.00 | A | | | | | |
| | | 秀明橋 | 8.1 | N.D. | 15.4 | 0.29 | 1.00 | A | 二溪大橋 | | 8.3 | N.D. | 11.1 | N.D. | 1.00 | A | | | | | |
| | | 中正橋 | 6.1 | 1.4 | 20.4 | 1.30 | 3.25 | C | 北勢洲橋 | | 8.3 | N.D. | 7.9 | 0.06 | 1.00 | A | | | | | |
| | | 華中橋 | 6.2 | 1.6 | 24.6 | 1.05 | 3.25 | C | 曾文溪橋 | | 7.6 | N.D. | 35.8 | 0.93 | 2.00 | A | | | | | |
| | | 華江橋 | 5.2 | 2.8 | 19.0 | 2.37 | 2.75 | B | 麻善大橋 | | 7.3 | 2.9 | 90.7 | 0.71 | 2.75 | B | | | | | |
| | | 景美溪 | 楓林橋 | 9.7 | N.D. | 2.6 | 0.06 | 1.00 | A | | 西港大橋 | 7.5 | 2.0 | 41.6 | 0.56 | 2.00 | A | | | | |
| | | | 深坑中正橋 | 8.5 | N.D. | 2.9 | 0.20 | 1.00 | A | | 國聖大橋 | - | - | - | - | - | - | | | | |
| | 基隆河 | 寶橋 | 萬壽橋 | 6.4 | 1.7 | 3.6 | 0.98 | 2.00 | A | 曾文溪河口 | - | - | - | - | - | - | | | | | |
| | | | 寶橋 | 5.5 | 10.2 | 9.8 | 1.62 | 4.00 | C | 菜寮溪 | 玉峰大橋 | 8.1 | N.D. | 16.6 | N.D. | 1.00 | A | | | | |
| 貂嶺車站 | | 高屏溪 | 9.3 | N.D. | 2.2 | N.D. | 1.00 | A | 高屏 | 高屏大橋 | 7.8 | N.D. | 472.0 | 0.11 | 3.25 | C | | | | | |
| | | 侯硐車站 | 9.6 | N.D. | 2.1 | N.D. | 1.00 | A | 萬大大橋 | 6.8 | 1.5 | 393.0 | 1.22 | 4.50 | C | | | | | | |
| 介壽橋 | | 雙園大橋 | 10.1 | N.D. | 2.3 | 0.14 | 1.00 | A | 雙園 | 雙園大橋 | 6.4 | 2.4 | 75.4 | 1.78 | 4.00 | C | | | | | |
| | | 暖江橋 | 9.0 | 1.6 | 5.2 | 0.64 | 1.50 | A | 荖 | 新發大橋 | 8.4 | N.D. | 556.0 | 0.02 | 3.25 | C | | | | | |
| 六合橋 | | 六龜大橋 | 7.2 | 2.4 | 4.5 | 0.94 | 1.50 | A | 濃 | 六龜大橋 | 8.4 | N.D. | 596.0 | 0.03 | 3.25 | C | | | | | |
| | | 實踐橋 | 6.7 | 1.8 | 8.2 | 0.84 | 1.50 | A | 新寮吊橋 | - | - | - | - | - | - | | | | | | |
| 江北橋 | | 里港大橋 | 6.6 | 2.4 | 12.8 | 0.92 | 1.50 | A | 溪 | 里港大橋 | 7.6 | N.D. | 992.0 | 0.02 | 3.25 | C | | | | | |
| | | 南湖大橋 | 4.2 | 3.2 | 18.3 | 2.30 | 4.00 | C | 隘寮溪 | 隘寮堰 | 9.1 | N.D. | N.D. | N.D. | 1.00 | A | | | | | |
| 成美橋 | 南華大橋 | 3.4 | 2.5 | 8.4 | 2.74 | 3.50 | C | 南華大橋 | 南華大橋 | 8.3 | N.D. | 2240.0 | 0.04 | 3.25 | C | | | | | | |
| | 民權大橋 | 4.0 | 2.6 | 17.8 | 2.31 | 3.50 | C | 武洛溪 | 九如橋 | 3.1 | 4.9 | 116.0 | 3.01 | 7.25 | D | | | | | | |
| 大直橋 | 大津橋 | 3.0 | 2.9 | 13.8 | 2.76 | 3.50 | C | 濁口溪 | 大津橋 | 7.5 | N.D. | 1050.0 | 0.05 | 3.25 | C | | | | | | |
| | 中山橋 | 2.4 | 3.6 | 14.9 | 2.63 | 4.00 | C | 牛稠溪 | 昌農橋 | 0.9 | 8.2 | 9.1 | 7.38 | 6.75 | D | | | | | | |
| 百齡橋 | 旗 | 2.4 | 3.0 | 18.1 | 3.13 | 4.50 | C | 旗山 | 四德大橋 | 9.2 | N.D. | 25.9 | N.D. | 1.50 | A | | | | | | |
| | 旗 | 2.4 | 3.0 | 18.1 | 3.13 | 4.50 | C | | 嶺口橋 | 7.7 | N.D. | 470.0 | 0.06 | 3.25 | C | | | | | | |
| 頭前溪 | 竹林大橋 | 10.7 | 4.7 | 5.1 | N.D. | 1.50 | A | 溪 | 月眉橋 | 8.3 | N.D. | 22.8 | N.D. | 1.50 | A | | | | | | |
| | 中正大橋 | 11.1 | 1.6 | 14.6 | 0.18 | 1.00 | A | 新旗尾橋 | - | - | - | - | - | - | | | | | | | |
| 頭前溪 | 頭前溪橋 | 10.7 | N.D. | 10.7 | N.D. | 1.00 | A | 美濃溪 | 西門大橋 | 8.0 | 1.5 | 31.9 | 0.36 | 1.50 | A | | | | | | |
| | 溪洲大橋 | 10.3 | 1.5 | 8.9 | 0.12 | 1.00 | A | 旗南橋 | 6.2 | N.D. | 61.7 | 0.37 | 2.75 | B | | | | | | | |

說明：5. 溶氧量(DO)係使用本署環境檢驗所公告之『碘定量法』；"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)石岡壩：開門更新工程。
- (2)國聖大橋：橋樑施工封閉，單線雙向通行。
- (3)曾文溪河口：港口施工中，風浪過大，無法出船進行採樣作業。
- (4)新寮吊橋：河道無水。
- (5)新旗尾橋：莫拉克颱風過境影響，造成橋樑斷裂交通中斷。

7. 評定污染等級表(表內之積分數為DO、BOD₅、SS、NH₃-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 ₅) | BOD ₅ ≤ 3.0 | 3.0 < BOD ₅ ≤ 4.9 | 4.9 < BOD ₅ ≤ 15 | BOD ₅ > 15 |
| 懸浮固體 (SS) | SS ≤ 20 | 20 < SS ≤ 49 | 49 < SS ≤ 100 | SS > 100 |
| 氨氮 (NH ₃ -N) | NH ₃ -N ≤ 0.5 | 0.5 < NH ₃ -N ≤ 0.99 | 0.99 < NH ₃ -N ≤ 3.0 | NH ₃ -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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