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**Table 4.1 Salinity Measurement Operation in the Mekong Delta under Salinity Intrusion Forecasting Stage III**

| No.            | PROVINCE<br>Station (Code) | 1991-1992     |           |                |         |                   |          | 1992-1993 |         |                |          |                   |        | 1993-1994     |          |                |          |                   |           | 1994-1995     |           |                |         |                   |         |         |        |
|----------------|----------------------------|---------------|-----------|----------------|---------|-------------------|----------|-----------|---------|----------------|----------|-------------------|--------|---------------|----------|----------------|----------|-------------------|-----------|---------------|-----------|----------------|---------|-------------------|---------|---------|--------|
|                |                            | Starting Date |           | No. of Samples |         | Max. Salinity g/l |          | St. Date  |         | No. of Samples |          | Max. Salinity g/l |        | Starting Date |          | No. of Samples |          | Max. Salinity g/l |           | Starting Date |           | No. of Samples |         | Max. Salinity g/l |         |         |        |
|                |                            | Special       | Intensive | g/l            | Time    | Intensive         | Time     | g/l       | Time    | Intensive      | Time     | g/l               | Time   | Intensive     | Time     | Optimized      | g/l      | Time              | Intensive | Time          | Optimized | g/l            | Time    | Intensive         | Time    |         |        |
| I. BEN TRE     | An Thien (805)             | 6/11/91       | 15/2/92   | 23,712         | 29.0    | 25/2/92           | 15/11/92 | 27,648    | 5,112   | 31.4           | 34,903   | 21/2/94           | 20,148 | 818           | 29.4     | 31/3/94        | 14/2/95  | 2,928             | 25.0      | 34,822        | 5,040     | 27.6           | 34,824  |                   |         |         |        |
|                | Ben Trai (803)             | 6/11/91       | 15/2/92   | 3,936          | 22.0    | 24/2/92           | 15/11/92 | 5,112     | 23.9    | 34,307         | 15/11/93 | 21/2/94           | 5,112  | 31.8          | 29/3/94  | 18/11/94       | 2,904    | 12.9              | 34,735    | 2,904         | 12.9      | 34,735         |         |                   |         |         |        |
|                | Phu Khanh (814)            | 13/12/91      | 15/2/92   | 3,564          | 18.0    | 20/3/92           | 33,970   | 3,984     | 15.1    | 34,246         | 21/2/94  | 782               | 14.7   | 31/3/94       | 15/2/95  | 15/2/95        | 2,904    | 9.0               | 13/5/95   | 2,904         | 9.0       | 13/5/95        |         |                   |         |         |        |
|                | Huong My (809)             | 28/12/91      | 15/2/92   | 3,456          | 4.0     | 16/4/92           | 33,972   | 2,568     | 13.2    | 34,063         | 21/2/94  | 783               | 7.7    | 29/3/94       | 15/2/95  | 2,871          | 10.8     | 5/38/14           | 2,871     | 10.8          | 5/38/14   |                |         |                   |         |         |        |
|                | Tan Huong (816)            | 28/12/91      | 15/2/92   | 3,360          | 3.9     | 19/4/92           | 33,971   | 3,240     | 14.2    | 13/4/93        | 15/2/94  | 45/2/94           | 2,904  | 5.6           | 27/3/94  | 18/4/94        | 34,436   | 4,656             | 30.9      | 50            | 2,208     | 11.3           | 34,704  |                   |         |         |        |
|                | Van Thom (815)             | 13/9/2        | 15/2/92   | 2,928          | 1.7     | 17/4/92           | 33,972   | 1,824     | 2.7     | 34,277         | 34,335   | 2,904             | 12.7   | 31/3/94       | 34,702   | 34,702         | 34,702   | 34,702            | 34,702    | 34,702        | 34,702    | 34,702         | 34,702  | 34,702            |         |         |        |
|                | Binh Dai (802)             | 13/9/2        | 15/2/92   | 2,592          | 30.6    | 22/3/92           | 33,970   | 3,984     | 29.8    | 34,276         | 34,336   | 15/2/94           | 2,904  | 12.7          | 31/3/94  | 34,702         | 34,702   | 34,702            | 34,702    | 34,702        | 34,702    | 34,702         | 34,702  | 34,702            | 34,702  |         |        |
|                | An Hoa (810)               |               |           |                |         |                   |          |           |         |                |          |                   |        |               |          |                |          |                   |           |               |           |                |         |                   |         |         |        |
| II. TRA VINH   |                            |               |           |                |         |                   |          |           |         |                |          |                   |        |               |          |                |          |                   |           |               |           |                |         |                   |         |         |        |
|                | Tra Vinh (602)             | 20/1/92       | 15/2/92   | 3,072          | 7.5     | 18/4/92           | 34,182   | 3,864     | 11.5    | 22/4/93        | 34,608   | 34,608            | 3,768  | 10.9          | 26/3/94  | 14/1/95        | 3,672    | 10.2              | 13/5/95   | 3,672         | 10.2      | 13/5/95        |         |                   |         |         |        |
|                | Tra Kha (615)              | 21/1/92       | 15/2/92   | 2,832          | 15.0    | 14/5/92           | 33,971   | 3,240     | 21.1    | 34,245         | 34,245   | 785               | 20.0   | 29/3/94       | 14/12/94 | 4,416          | 20.0     | 19/3/95           | 4,416     | 20.0          | 19/3/95   |                |         |                   |         |         |        |
|                | Hung My (614)              | 20/1/92       | 15/2/92   | 3,036          | 9.9     | 17/4/92           | 33,971   | 3,240     | 17.7    | 34,246         | 34,246   | 765               | 16.9   | 30/3/94       | 14/2/95  | 2,928          | 11.7     | 29/3/95           | 2,928     | 11.7          | 29/3/95   |                |         |                   |         |         |        |
|                | Hiep Hoa (613)             | 18/2/92       | 15/2/92   | 2,664          | 3.1     | 22/4/92           | 33,971   | 3,240     | 4.9     | 36/8/154       | 34,426   | 2,904             | 6.9    | 38/4/3/94     | 14/2/95  | 2,827          | 8.0      | 29/3/94           | 2,928     | 8.4           | 34,885    |                |         |                   |         |         |        |
|                | Cau Quan (616)             | 1/1/92        | 15/2/92   | 2,208          | 6.3     | 30/4/92           | 33,972   | 2,568     | 8.7     | 34,307         | 15/2/94  | 17/2/94           | 2,808  | 3.1           | 31/3/94  | 31/3/94        | 31/3/94  | 31/3/94           | 31/3/94   | 31/3/94       | 31/3/94   | 31/3/94        | 31/3/94 | 31/3/94           |         |         |        |
|                | Tieu Can (607)             | 15/2/92       | 15/2/92   | 9,288          |         | 18/4/92           | 33,970   | 3,936     | 17.6    | 34,245         | 34,246   | 34,336            | 31,186 | 10.6          | 31/3/94  | 12,080         | 31,337   | 31,337            | 31,337    | 31,337        | 31,337    | 31,337         | 31,337  | 31,337            | 31,337  |         |        |
|                |                            |               |           |                |         | 33,821            | 12.5     | 3,216     | 12.0    | 34,245         | 34,246   | 34,336            | 31,192 | 16.9          | 34,642   | 34,336         | 34,337   | 34,337            | 34,337    | 34,337        | 34,337    | 34,337         | 34,337  | 34,337            |         |         |        |
|                |                            |               |           |                |         | 33,971            | 10.6     | 23/4/92   | 33,971  | 3,912          | 11.1     | 34,277            | 34,336 | 31,192        | 9.3      | 34,642         | 34,336   | 34,337            | 34,337    | 34,337        | 34,337    | 34,337         | 34,337  | 34,337            | 34,337  |         |        |
|                |                            |               |           |                |         | 1,464             |          | 33,973    | 1,824   | 7.3            | 34,155   |                   |        |               |          |                |          |                   |           |               |           |                |         |                   |         |         |        |
|                |                            |               |           |                |         |                   |          |           |         |                |          |                   |        |               |          |                |          |                   |           |               |           |                |         |                   |         |         |        |
| III. LONG AN   | Cau Ngu (531)              | 13/9/2        | 2,688     | 15.1           | 18/4/92 | 33,970            | 3,936    | 17.6      | 34,245  | 34,246         | 34,336   | 31,186            | 10.6   | 31/3/94       | 12,080   | 31,337         | 31,337   | 31,337            | 31,337    | 31,337        | 31,337    | 31,337         | 31,337  | 31,337            | 31,337  |         |        |
|                | Ben Luc (505)              | 13/9/2        | 2,568     | 12.5           | 33,821  | 3,984             | 3,216    | 20.0      | 34,245  | 34,246         | 34,336   | 31,192            | 16.9   | 34,642        | 34,336   | 34,337         | 34,337   | 34,337            | 34,337    | 34,337        | 34,337    | 34,337         | 34,337  | 34,337            | 34,337  |         |        |
|                | Tan An (502)               | 13/9/2        | 2,568     | 10.6           | 23/4/92 | 33,971            | 3,912    | 11.1      | 34,277  | 34,336         | 34,337   | 31,192            | 9.3    | 34,642        | 34,336   | 34,337         | 34,337   | 34,337            | 34,337    | 34,337        | 34,337    | 34,337         | 34,337  | 34,337            | 34,337  |         |        |
|                | Tuyen Nhon (504)           | 13/9/2        | 1,464     |                |         |                   |          |           |         |                |          |                   |        |               |          |                |          |                   |           |               |           |                |         |                   |         |         |        |
|                |                            |               |           |                |         |                   |          |           |         |                |          |                   |        |               |          |                |          |                   |           |               |           |                |         |                   |         |         |        |
|                |                            |               |           |                |         |                   |          |           |         |                |          |                   |        |               |          |                |          |                   |           |               |           |                |         |                   |         |         |        |
|                |                            |               |           |                |         |                   |          |           |         |                |          |                   |        |               |          |                |          |                   |           |               |           |                |         |                   |         |         |        |
|                |                            |               |           |                |         |                   |          |           |         |                |          |                   |        |               |          |                |          |                   |           |               |           |                |         |                   |         |         |        |
| IV. TIEN GIANG | 7,656                      |               |           |                |         | 18/4/92           | 33,970   | 3,936     | 17.6    | 34,245         | 34,246   | 34,336            | 31,186 | 10.6          | 31/3/94  | 12,080         | 31,337   | 31,337            | 31,337    | 31,337        | 31,337    | 31,337         | 31,337  | 31,337            | 31,337  | 31,337  | 31,337 |
|                | Vam Keng (553)             | 13/9/2        | 2,544     | 15.6           | 17/4/92 | 33,970            | 3,984    | 20.0      | 34,306  | 34,307         | 34,336   | 31,192            | 16.9   | 34,642        | 34,336   | 34,337         | 34,337   | 34,337            | 34,337    | 34,337        | 34,337    | 34,337         | 34,337  | 34,337            | 34,337  | 34,337  |        |
|                | Hoa Binh (552)             | 13/9/2        | 2,568     | 11.6           | 17/4/92 | 33,970            | 2,568    | 9.3       | 34,307  | 34,308         | 34,336   | 31,192            | 9.3    | 34,642        | 34,336   | 34,337         | 34,337   | 34,337            | 34,337    | 34,337        | 34,337    | 34,337         | 34,337  | 34,337            | 34,337  | 34,337  |        |
|                | An Dinh (570)              | 13/9/2        | 2,544     | 4.0            | 18/4/92 | 33,972            | 3,972    | 3,240     | 16.7    | 34,306         | 15/2/94  | 15/2/94           | 2,880  | 14.2          | 31/3/94  | 14/2/95        | 2,904    | 15/2/94           | 15/2/94   | 2,904         | 13.4      | 29/3/94        | 2,904   | 13.4              | 29/3/94 | 2,904   |        |
|                | Dong Son (572)             |               |           |                |         |                   |          |           |         |                |          |                   |        |               |          |                |          |                   |           |               |           |                |         |                   |         |         |        |
|                | Go Cong (561)              |               |           |                |         |                   |          |           |         |                |          |                   |        |               |          |                |          |                   |           |               |           |                |         |                   |         |         |        |
|                |                            |               |           |                |         |                   |          |           |         |                |          |                   |        |               |          |                |          |                   |           |               |           |                |         |                   |         |         |        |
|                |                            |               |           |                |         |                   |          |           |         |                |          |                   |        |               |          |                |          |                   |           |               |           |                |         |                   |         |         |        |
| V. SOC TRANG   | 7,632                      |               |           |                |         | 25.9              | 21/4/92  | 33,615    | 4,728   | 29.2           | 34,245   | 34,246            | 34,336 | 31,068        | 31.0     | 28/3/94        | 17/11/94 | 5,064             | 28.9      | 34,885        | 3,240     | 16.7           | 34,735  | 2,928             | 8.5     | 34,824  |        |
|                | My Thanh (655)             | 13/9/2        | 2,544     | 25.9           | 20/4/92 | 33,970            | 3,984    | 24.3      | 26/4/93 | 15/2/94        | 15/2/94  | 2,880             | 7.9    | 31/3/94       | 14/2/95  | 2,904          | 15/2/94  | 15/2/94           | 2,904     | 12.6          | 30/3/94   | 14/2/95        | 12.6    | 30/3/94           | 14/2/95 | 12.6    |        |
|                | Long Phu (672)             | 13/9/2        | 2,544     | 11.9           | 30/4/92 | 33,972            | 2,568    | 9.5       | 24/4/93 | 15/2/94        | 15/2/94  | 2,880             | 20.0   | 12.6          | 30/3/94  | 14/2/95        | 2,904    | 15/2/94           | 15/2/94   | 2,904         | 12.6      | 30/3/94        | 14/2/95 | 12.6              | 30/3/94 | 14/2/95 | 12.6   |
|                | Dai Ngai (652)             | 13/9/2        | 2,544     | 6.6            | 30/4/92 | 33,971            | 3,240    | 3,240     | 30/4/93 | 15/2/94        | 15/2/94  | 2,880             | 20.0   | 12.6          | 30/3/94  | 14/2/95        | 2,904    | 15/2/94           | 15/2/94   | 2,904         | 12.6      | 30/3/94        | 14/2/95 | 12.6              | 30/3/94 | 14/2/95 | 12.6   |
|                | Thanh Phu (684)            |               |           |                |         |                   |          |           |         |                |          |                   |        |               |          |                |          |                   |           |               |           |                |         |                   |         |         |        |
|                | Thanh Ty (685)             |               |           |                |         |                   |          |           |         |                |          |                   |        |               |          |                |          |                   |           |               |           |                |         |                   |         |         |        |
|                |                            |               |           |                |         |                   |          |           |         |                |          |                   |        |               |          |                |          |                   |           |               |           |                |         |                   |         |         |        |
|                |                            |               |           |                |         |                   |          |           |         |                |          |                   |        |               |          |                |          |                   |           |               |           |                |         |                   |         |         |        |

Note: Intensive: Daily 24-hour reading (water level) and/or sampling

Special: 3 consecutive day 24-hour reading and/or sampling

Optimized: Daily consecutive hour according to spring and neap tide occurrence

Source: Salinity Intrusion Forecasting Stage III, Final Report, 1996

**Table 4.2 Salinity Measurement Stations in the Mekong Delta**

| No. | Station ID<br>Local | MRC            | Station<br>Name | Name of<br>River/Canal | Location             |                       | Gauge<br>(D-M-S)N | Datum<br>(E1.m)    | Type of<br>Station | Type of<br>Data<br>Recording | Period of<br>Measurement | Records<br>Available   | Improvement/upgrading<br>Items |
|-----|---------------------|----------------|-----------------|------------------------|----------------------|-----------------------|-------------------|--------------------|--------------------|------------------------------|--------------------------|------------------------|--------------------------------|
|     |                     |                |                 |                        | Latitude<br>(D-M-S)E | Longitude<br>(D-M-S)E |                   |                    |                    |                              |                          |                        |                                |
| 1   | 20101               | 980102         | Vung Tau        | Bien Dong Sea          | 102000               | 1070400               | 0.000             | Marine             | Conductivity meter | Whole Year                   | 77-to date               | (-)                    | (-)                            |
| 2   | 80201               | Tan An         | Vam Co Tay      | 103300                 | 1062500              | 0.000                 | Hydrology         | Conductivity meter | Feb-Jun            | 90-to date                   | 90-to date               | (-)                    | (-)                            |
| 3   | 80401               | Tuyen Nhon     | Vam Co Tay      | 103900                 | 1061100              |                       | Hydrology         | Conductivity meter | Feb-Jun            | 90-to date                   | 90-to date               | New conductivity meter | (-)                            |
| 4   | 83103               | Cau Noi        | Vam Co Tay      | 102800                 | 1063500              |                       |                   | Conductivity meter | Feb-Jun            | 90-to date                   | 90-to date               | New conductivity meter | (-)                            |
| 5   | 80501               | Ben Luc        | Vam Co Dong     | 103800                 | 1062800              | 0.000                 |                   | Conductivity meter | Feb-Jun            | 90-to date                   | 90-to date               | New conductivity meter | (-)                            |
| 6   | 90101               | 019805         | My Tho          | Mekong                 | 102000               | 1062100               | 0.000             |                    | Conductivity meter | Feb-Jun                      | 90-to date               | New conductivity meter | (-)                            |
| 7   | 90201               | 019827         | Hoc Binh        | Mekong                 | 101700               | 1063500               | 0.000             | Hydrology          | Conductivity meter | Feb-Jun                      | 90-to date               | 90-to date             | (-)                            |
| 8   | 90301               | Vam Kenh       | Cua Tieu        | 101600                 | 1064400              | 0.000                 | Hydrology         | Conductivity meter | Feb-Jun            | 90-to date                   | 90-to date               | New conductivity meter | (-)                            |
| 9   | 92003               | An Dinh        | Mekong          | 101800                 | 1062600              |                       |                   | Conductivity meter | Feb-Jun            | 90-to date                   | New conductivity meter   | (-)                    |                                |
| 10  | 92303               | Dong Tam       | Mekong          | 102000                 | 1062000              |                       |                   | Conductivity meter | Feb-Jun            | 94-to date                   | New conductivity meter   | (-)                    |                                |
| 11  | 110201              | 981702         | Tran Vinh       | Co Chin                | 93800                | 1062000               | 0.000             | Hydrology          | Conductivity meter | Feb-Jun                      | 90-to date               | New conductivity meter | (-)                            |
| 12  | 111401              | Hung My        | Co Chin         | 935200                 | 1062600              |                       |                   | Conductivity meter | Feb-Jun            | 89-to date                   | 89-to date               | New conductivity meter | (-)                            |
| 13  | 111503              | Tra Kha        | Bassac          | 93800                  | 1061500              |                       |                   | Conductivity meter | Feb-Jun            | 89-to date                   | 89-to date               | New conductivity meter | (-)                            |
| 14  | 111603              | Cau Quan       | Bassac          | 94500                  | 1060700              |                       |                   | Conductivity meter | Feb-Jun            | 89-to date                   | 89-to date               | New conductivity meter | (-)                            |
| 15  | 130201              | 039812         | Dai Ngai        | Bassac                 | 94400                | 1060400               | 0.000             | Hydrology          | Conductivity meter | Feb-Jun                      | 90-to date               | 90-to date             | (-)                            |
| 16  | 130501              | My Thanh       | My Thanh        | 92500                  | 1051000              | 0.000                 | Hydrology         | Conductivity meter | Feb-Jun            | 90-to date                   | 90-to date               | New conductivity meter | (-)                            |
| 17  | 130103              | Soc Trang      | Maspero         | 93600                  | 1055800              |                       |                   | Conductivity meter | Feb-Jun            | 90-to date                   | 90-to date               | New conductivity meter | (-)                            |
| 18  | 132203              | Long Phu       | Bassac          | 93600                  | 1060800              |                       |                   | Conductivity meter | Feb-Jun            | 90-to date                   | 90-to date               | New conductivity meter | (-)                            |
| 19  | 133503              | Thanh Phu      | Nhu Gia         | 93000                  | 1055400              |                       |                   | Conductivity meter | Feb-Jun            | 90-to date                   | 90-to date               | New conductivity meter | (-)                            |
| 20  | 160201              | Binh Dai       | Qua Dai         | 101100                 | 1064200              | 0.000                 | Hydrology         | Conductivity meter | Feb-Jun            | 89-to date                   | 89-to date               | (-)                    |                                |
| 21  | 166301              | Ben Trai       | Co Chien        | 93500                  | 1063100              | 0.000                 | Hydrology         | Conductivity meter | Feb-Jun            | 89-to date                   | 89-to date               | (-)                    |                                |
| 22  | 160501              | An Thuan       | Huu Luong       | 93500                  | 1063600              | 0.000                 | Hydrology         | Conductivity meter | Feb-Jun            | 89-to date                   | 89-to date               | (-)                    |                                |
| 23  | 160903              | Huong My       | Co Chien        | 100500                 | 1062700              |                       |                   | Conductivity meter | Feb-Jun            | 89-to date                   | 89-to date               | New conductivity meter | (-)                            |
| 24  | 160803              | Loc Thuan      | Cua Dai         | 101200                 | 1063600              |                       |                   | Conductivity meter | Feb-Jun            | 94-to date                   | 94-to date               | New conductivity meter | (-)                            |
| 25  | 161703              | Son Doc        | Ham Luong       | 100200                 | 1050500              | 0.000                 | Hydrology         | Conductivity meter | Feb-Jun            | 94-to date                   | 94-to date               | New conductivity meter | (-)                            |
| 26  | 107101              | Rach Gia       | Kien            | 100000                 | 1050500              |                       |                   | Conductivity meter | Feb-Jun            | 94-to date                   | 94-to date               | New conductivity meter | (-)                            |
| 27  | 107603              | Go Lang        | Cai Lon         | 94400                  | 1052100              |                       |                   | Conductivity meter | Feb-Jun            | 94-to date                   | 94-to date               | New conductivity meter | (-)                            |
| 28  | 171303              | An Ninh        | Cai Be          | 93800                  | 1045700              |                       |                   | Conductivity meter | Feb-Jun            | 94-to date                   | 94-to date               | New conductivity meter | (-)                            |
| 29  | 172803              | Luy Linh Quynh | Luy Linh Quynh  | 101000                 | 1044900              |                       |                   | Conductivity meter | Feb-Jun            | 94-to date                   | 94-to date               | New conductivity meter | (-)                            |
| 30  | 172903              | Tam Ngan       | Tam Ngan        | 101900                 | 1045100              |                       |                   | Conductivity meter | Feb-Jun            | 94-to date                   | 94-to date               | New conductivity meter | (-)                            |
| 31  | 170301              | Xeo Ro         | Cai Lon         | 93500                  | 1050500              | 0.000                 | Hydrology         | Conductivity meter | Feb-Jun            | 94-to date                   | 94-to date               | New conductivity meter | (-)                            |
| 32  | 180201              | Phuoc Long     | Phung Hiệp      | 92600                  | 1052700              | 0.000                 | Hydrology         | Conductivity meter | Feb-Jun            | 94-to date                   | 94-to date               | (-)                    |                                |
| 33  | 180301              | Ganh Hao       | Ganh Hao        | 90000                  | 1052500              | 0.000                 | Hydrology         | Conductivity meter | Feb-Jun            | 94-to date                   | 94-to date               | (-)                    |                                |
| 34  | 180401              | Ca Mau         | Ganh Hao        | 91000                  | 1050800              | 0.000                 | Hydrology         | Conductivity meter | Feb-Jun            | 94-to date                   | 94-to date               | (-)                    |                                |
| 35  | 181601              | Song Doc       | Song Doc        | 90300                  | 1045000              | 0.000                 | Hydrology         | Conductivity meter | Feb-Jun            | 94-to date                   | 94-to date               | (-)                    |                                |

Note: (-) Statistic in Hydrological station network

Source: Strategic Master Scheme for Hydro-Meteorological Network in the Mekong River Basin, MRC, 2001

**Table 4.6 Hourly Salinity Measurement Records along the Mekong Delta Branches in 2001 (1/9)**

Station:Dai Ngai

Year: 2001

| Month    | Day | Time |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | (unit: g/l) |     |     |
|----------|-----|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------------|-----|-----|
|          |     | 01   | 02  | 03  | 04  | 05  | 06  | 07  | 08  | 09  | 10  | 11  | 12  | 13  | 14  | 15  | 16  | 17  | 18  | 19  | 20  | 21  | 22  | 23  | 24  | Max         | Min |     |
| February | 1   | -    | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | 0.1 | 0.1 | 0.1 | -   | -   | -   | 0.1 | 0.1 | 0.2 | 0.1 | 0.2 | 0.1         |     |     |
|          | 2   | -    | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | 0.1 | 0.1 | 0.1 | 0.1 | -   | -   | 0.1 | 0.2 | 0.2 | 0.2 | 0.2 | 0.1         |     |     |
|          | 3   | 0.1  | -   | -   | -   | -   | 0.0 | 0.0 | 0.1 | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | 0.1 | 0.1 | 0.1 | 0.0 |             |     |     |
|          | 4   | 0.2  | 0.1 | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | 0.2 | 0.1         |     |     |
|          | 8   | -    | -   | 0.1 | 0.3 | 0.7 | 0.2 | -   | -   | -   | -   | -   | 0.1 | 0.1 | 0.1 | -   | -   | -   | -   | -   | -   | -   | -   | -   | 0.7 | 0.1         |     |     |
|          | 9   | -    | -   | 0.1 | 0.3 | 0.7 | 0.2 | -   | -   | -   | -   | -   | 0.1 | 0.1 | 0.1 | -   | -   | -   | -   | -   | -   | -   | -   | -   | 1.5 | 0.1         |     |     |
|          | 10  | -    | -   | -   | 1.4 | 2.1 | 2.5 | 2.3 | -   | -   | -   | -   | 0.1 | 0.1 | 0.2 | -   | -   | -   | -   | -   | -   | -   | -   | -   | 2.5 | 0.1         |     |     |
|          | 17  | -    | -   | -   | -   | 0.4 | 0.5 | 0.5 | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | 0.9 | 1.4         | 1.4 |     |
|          | 18  | 1.9  | 1.0 | -   | -   | -   | -   | -   | 2.2 | 1.9 | 1.5 | -   | -   | 2.8 | 3.5 | 4.8 | 4.5 | -   | -   | -   | -   | -   | -   | -   | -   | 4.8         | 1.0 |     |
|          | 19  | -    | -   | -   | -   | -   | -   | -   | -   | 2.4 | 2.1 | 2.1 | -   | -   | -   | 4.1 | 5.0 | 5.3 | 5.5 | -   | -   | -   | -   | -   | -   | -           | 5.5 | 0.0 |
|          | 24  | -    | -   | -   | 0.6 | 1.0 | 1.7 | 0.7 | -   | -   | -   | -   | 0.1 | 0.1 | 0.1 | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | 1.7         | 0.1 |     |
|          | 25  | -    | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | 0.1 | 0.1 | 0.1 | -   | -   | 0.5 | 0.7 | 0.4 | 0.2 | -   | -   | -   | -   | 0.2         | 0.1 |     |
|          | 26  | -    | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | 0.1 | 0.1 | 0.1 | -   | -   | 0.1 | 0.1 | 0.2 | 0.2 | -   | -   | -   | 0.2         | 0.1 |     |
| March    | 2   | -    | -   | 0.0 | 0.0 | 0.1 | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | 0.1 | 0.1 | 0.2 | 0.2 | -           | 0.2 | 0.0 |
|          | 3   | -    | -   | -   | 0.0 | 0.0 | 0.0 | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | 0.1 | 0.1 | 0.2 | 0.2 | -           | 0.2 | 0.0 |
|          | 4   | -    | -   | -   | -   | 0.0 | 0.0 | 0.0 | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | 0.1 | 0.1 | 0.3 | 0.2 | -           | 0.3 | 0.0 |
|          | 9   | -    | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | 0.2 | 0.7 | 1.0 | -   | 3.1 | 3.9 | 4.3 | 4.0 | -   | -   | -   | -   | -   | 4.3         | 0.2 |     |
|          | 10  | -    | -   | -   | 3.9 | 4.8 | 5.2 | 3.9 | -   | -   | -   | -   | 0.2 | 0.8 | 1.0 | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | 5.2         | 0.2 |     |
|          | 11  | -    | -   | -   | -   | 3.6 | 4.9 | 5.5 | 5.1 | -   | -   | -   | -   | 0.2 | 0.4 | 0.4 | -   | -   | -   | -   | -   | -   | -   | -   | -   | 5.5         | 0.2 |     |
|          | 18  | -    | -   | -   | 0.1 | 0.1 | 0.2 | -   | -   | -   | -   | -   | 0.1 | 0.2 | 0.3 | 0.1 | -   | -   | -   | -   | -   | -   | -   | -   | -   | 0.3         | 0.1 |     |
|          | 19  | -    | -   | -   | -   | 0.1 | 0.2 | 0.2 | -   | -   | -   | -   | -   | 0.3 | 0.5 | 0.6 | 0.3 | -   | -   | -   | -   | -   | -   | -   | -   | 0.6         | 0.1 |     |
|          | 20  | -    | -   | -   | -   | -   | -   | 0.1 | 0.1 | 0.2 | -   | -   | -   | -   | 0.2 | 0.2 | 0.2 | 0.2 | -   | -   | -   | -   | -   | -   | -   | 0.2         | 0.1 |     |
|          | 26  | -    | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | 0.1 | 0.1 | 0.1 | -   | -   | 0.1 | 0.2 | 0.2 | 0.1 | -   | -   | -   | -   | 0.2         | 0.1 |     |
|          | 27  | -    | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -           | 0.2 | 0.1 |
|          | 28  | 0.1  | 0.1 | 0.1 | -   | -   | 0.1 | 0.2 | 0.2 | 0.1 | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | 0.2         | 0.1 |     |

Source: Hydrometeorological Data Center, Hydrometeorological Service of Vietnam, Hanoi

**Table 4.6 Hourly Salinity Measurement Records along the Mekong Delta Branches in 2001 (2/9)**

Station:Dai Ngai

Year: 2001

| Month | Day | Time |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |    |    |    |    | (unit: g/l) |     |     |
|-------|-----|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|----|----|-------------|-----|-----|
|       |     | 01   | 02  | 03  | 04  | 05  | 06  | 07  | 08  | 09  | 10  | 11  | 12  | 13  | 14  | 15  | 16  | 17  | 18  | 19  | 20  | 21 | 22 | 23 | 24 | Max         | Min |     |
| April | 2   | -    | -   | -   | 0.1 | 0.1 | 0.1 | -   | -   | -   | -   | -   | 0.2 | 0.2 | 0.3 | 0.2 | -   | -   | -   | -   | -   | -  | -  | -  | -  | 0.3         | 0.1 |     |
|       | 3   | -    | -   | -   | -   | -   | 0.1 | -   | 0.1 | 0.1 | -   | -   | -   | -   | 0.1 | 0.2 | 0.2 | 0.2 | -   | -   | -   | -  | -  | -  | -  | 0.2         | 0.1 |     |
|       | 4   | -    | -   | -   | -   | -   | -   | 0.0 | 0.0 | 0.0 | -   | -   | -   | -   | -   | 0.1 | 0.1 | 0.2 | 0.2 | -   | -   | -  | -  | -  | -  | -           | 0.2 | 0.0 |
|       | 9   | -    | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | 0.1 | 0.1 | 0.1 | -   | -   | 0.4 | 0.8 | 0.9 | 0.3 | -  | -  | -  | -  | 0.9         | 0.1 |     |
|       | 10  | 0.0  | 0.1 | 0.1 | -   | -   | 0.5 | 0.8 | 1.1 | 0.7 | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -  | -  | -  | -  | 1.1         | 0.0 |     |
|       | 11  | -    | 0.1 | 0.2 | 0.2 | -   | -   | 0.6 | 0.8 | 1.1 | 0.7 | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -  | -  | -  | -  | 1.1         | 0.1 |     |
|       | 15  | -    | -   | 0.1 | 0.1 | 0.2 | -   | -   | -   | -   | 0.2 | 0.3 | 0.8 | 0.3 | -   | -   | -   | -   | -   | -   | -   | -  | -  | -  | -  | 3.6         | 0.3 |     |
|       | 16  | -    | -   | -   | 0.1 | 0.2 | 0.2 | -   | -   | -   | -   | -   | 0.2 | 0.3 | 0.6 | 0.5 | -   | -   | -   | -   | -   | -  | -  | -  | -  | 3.8         | 0.2 |     |
|       | 17  | -    | -   | -   | -   | 0.0 | 0.1 | 0.2 | -   | -   | -   | -   | -   | -   | -   | 1.0 | 1.0 | 1.1 | 1.1 | -   | -   | -  | -  | -  | -  | -           | 1.1 | 0.0 |
|       | 24  | -    | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | 0.3 | 0.3 | 0.5 | -   | -   | 3.2 | 3.6 | 3.0 | 2.3 | -  | -  | -  | -  | 3.6         | 0.3 |     |
|       | 25  | 0.2  | 0.3 | 0.5 | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | 3.6 | 3.8 | 3.6 | 2.8 | -  | -  | -  | -  | 3.8         | 0.2 |     |
|       | 26  | 0.2  | 0.3 | 0.4 | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | 3.5 | 4.6 | 5.0 | 4.2 | -  | -  | -  | -  | 5.0         | 0.2 |     |
|       | 28  | -    | -   | 0.2 | 0.2 | 0.3 | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | 3.1 | 3.8 | 3.8 | 2.7 | -  | -  | -  | -  | 3.8         | 0.2 |     |
|       | 29  | -    | -   | -   | 0.2 | 0.2 | 0.3 | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | 0.9 | 1.9 | 2.0 | 0.8 | -  | -  | -  | -  | 2.0         | 0.2 |     |
|       | 30  | -    | -   | -   | 0.0 | 0.1 | 0.2 | -   | -   | -   | 0.7 | 1.6 | 1.7 | 0.6 | -   | -   | -   | -   | -   | -   | -   | -  | -  | -  | -  | 1.7         | 0.0 |     |
| May   | 9   | 0.1  | 0.1 | 0.2 | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | 1.2 | 2.7 | 3.4 | 3.3 | -   | -   | -  | -  | -  | -  | -           | 1.8 | 0.1 |
|       | 10  | -    | 0.1 | 0.1 | 0.2 | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | 1.0 | 1.4 | 1.5 | 1.1 | -   | -  | -  | -  | -  | 1.5         | 0.1 |     |
|       | 11  | -    | 0.1 | 0.2 | 0.2 | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | 0.9 | 1.4 | 1.4 | 1.0 | -   | -  | -  | -  | -  | 1.4         | 0.1 |     |
|       | 16  | -    | -   | -   | 0.1 | 0.2 | 0.2 | -   | -   | -   | -   | -   | 2.1 | 2.7 | 3.4 | 3.3 | -   | -   | -   | -   | -   | -  | -  | -  | -  | 3.4         | 0.1 |     |
|       | 17  | -    | -   | -   | -   | -   | 0.1 | 0.2 | 0.2 | -   | -   | -   | -   | 2.5 | 2.8 | 3.5 | 3.2 | -   | -   | -   | -   | -  | -  | -  | -  | 3.5         | 0.1 |     |
|       | 18  | -    | -   | -   | -   | -   | -   | 0.1 | 0.3 | 0.3 | -   | -   | -   | -   | 3.1 | 3.8 | 4.1 | 2.5 | -   | -   | -   | -  | -  | -  | -  | 4.1         | 0.1 |     |
|       | 25  | -    | 0.0 | 0.0 | 0.1 | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | 0.1 | 0.3 | 0.3 | 0.1 | -   | -   | -  | -  | -  | -  | 0.3         | 0.0 |     |
|       | 26  | -    | 0.0 | 0.0 | 0.1 | -   | -   | 0.1 | 0.3 | 0.3 | 0.2 | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -  | -  | -  | -  | 0.3         | 0.0 |     |
|       | 27  | -    | -   | 0.0 | 0.1 | 0.1 | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | 0.1 | 0.2 | 0.2 | 0.1 | -  | -  | -  | -  | 0.2         | 0.0 |     |

Source: Hydrometeorological Data Center, Hydrometeorological Service of Vietnam, Hanoi

**Table 4.6 Hourly Salinity Measurement Records along the Mekong Delta Branches in 2001 (3/9)**

Station:Dai Ngai

Year: 2001

| Month | Day | Time |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |    |    | Max | Min |     |     |
|-------|-----|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|-----|-----|-----|-----|
|       |     | 01   | 02  | 03  | 04  | 05  | 06  | 07  | 08  | 09  | 10  | 11  | 12  | 13  | 14  | 15  | 16  | 17  | 18  | 19  | 20  | 21  | 22  | 23 | 24 |     |     |     |     |
| June  | 6   | -    | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | 0.1 | 0.2 | 0.2 | 0.1 | -   | -   | -   | -   | -  | -  | 0.2 | 0.1 |     |     |
|       | 7   | 0.0  | 0.1 | 0.1 | -   | 0.1 | 0.2 | 0.2 | 0.2 | 0.1 | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -  | -  | 0.2 | 0.0 |     |     |
|       | 8   | -    | 0.0 | 0.0 | 0.1 | -   | 0.1 | 0.2 | 0.2 | 0.1 | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -  | -  | 2.0 | 0.0 |     |     |
|       | 14  | -    | -   | -   | 0.0 | 0.0 | 0.1 | -   | -   | 0.1 | 0.2 | 0.2 | 0.1 | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -  | -  | -   | 0.2 | 0.0 |     |
|       | 15  | -    | -   | -   | 0.0 | 0.0 | 0.0 | -   | -   | -   | -   | 0.1 | 0.2 | 0.2 | 0.1 | -   | -   | -   | -   | -   | -   | -   | -   | -  | -  | -   | 0.2 | 0.0 |     |
|       | 16  | -    | -   | -   | -   | 0.0 | 0.0 | 0.0 | -   | -   | -   | -   | 0.1 | 0.1 | 0.2 | 0.1 | -   | -   | -   | -   | -   | -   | -   | -  | -  | -   | 2.0 | 0.0 |     |
|       | 23  | -    | 0.0 | 0.0 | 0.0 | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | 0.1 | 0.2 | 0.2 | 0.1 | -   | -   | -   | -   | -  | -  | -   | -   | 0.2 | 0.0 |
|       | 24  | -    | -   | 0.0 | 0.0 | 0.0 | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | 0.2 | 0.2 | 0.2 | 0.2 | -   | -   | -  | -  | -   | 0.2 | 0.0 |     |
|       | 25  | -    | -   | 0.0 | 0.0 | 0.0 | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | 0.1 | 0.2 | 0.1 | 0.1 | -  | -  | -   | -   | 0.2 | 0.0 |
|       | 28  | -    | -   | -   | -   | 0.0 | 0.0 | 0.0 | -   | -   | 0.1 | 0.2 | 0.1 | 0.1 | -   | -   | -   | -   | -   | -   | -   | -   | -   | -  | -  | -   | 0.2 | 0.0 |     |
|       | 29  | -    | -   | -   | -   | 0.0 | 0.0 | 0.0 | -   | -   | -   | 0.1 | 0.2 | 0.1 | 0.1 | -   | -   | -   | -   | -   | -   | -   | -   | -  | -  | -   | 0.2 | 0.0 |     |
|       | 30  | -    | -   | -   | -   | 0.0 | 0.0 | 0.0 | -   | -   | 0.1 | 0.2 | 0.1 | 0.1 | -   | -   | -   | -   | -   | -   | -   | -   | -   | -  | -  | -   | 0.2 | 0.0 |     |

Source: Hydrometeorological Data Center, Hydrometeorological Service of Vietnam, Hanoi

**Table 4.6 Hourly Salinity Measurement Records along the Mekong Delta Branches in 2001 (4/9)**

Station:Tra Vinh

Year: 2000

| Date  | Time |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |   | Max | Min |     |     |
|-------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---|-----|-----|-----|-----|
|       | 01   | 02  | 03  | 04  | 05  | 06  | 07  | 08  | 09  | 10  | 11  | 12  | 13  | 14  | 15  | 16  | 17  | 18  | 19  | 20  | 21  | 22  | 23  | 24  |   |     |     |     |     |
| Feb.  | 8    | 0.8 | 1.8 | 2.0 | 2.0 | -   | -   | -   | 0.1 | 0.1 | 0.0 | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | - | 2.0 | 0.0 |     |     |
|       | 9    | -   | 0.8 | 1.8 | 2.9 | 2.4 | -   | -   | -   | 0.1 | 0.1 | 0.0 | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | - | 2.9 | 0.0 |     |     |
|       | 10   | -   | -   | 0.8 | 2.0 | 1.5 | 2.2 | -   | -   | -   | 0.1 | 0.1 | 0.0 | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | - | 2.2 | 0.0 |     |     |
|       | 17   | -   | -   | -   | 1.2 | 1.6 | 1.5 | 0.8 | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | - | 1.6 | 0.8 |     |     |
|       | 18   | -   | -   | -   | -   | -   | 4.2 | 2.5 | 1.1 | -   | -   | -   | -   | -   | 3.4 | 4.0 | 4.3 | 5.4 | -   | -   | -   | -   | -   | -   | - | -   | 5.4 | 1.1 |     |
|       | 19   | -   | -   | -   | -   | -   | 4.8 | 3.4 | 2.0 | -   | -   | -   | -   | -   | 6.1 | 7.2 | 7.5 | 7.0 | -   | -   | -   | -   | -   | -   | - | -   | 7.5 | 2.0 |     |
|       | 24   | -   | 0.4 | 1.0 | 1.6 | 1.4 | -   | -   | -   | 0.3 | 0.1 | 0.1 | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | - | -   | 1.6 | 0.1 |     |
|       | 25   | -   | -   | 0.3 | 0.7 | 1.5 | 1.4 | -   | -   | -   | 0.1 | 0.0 | 0.0 | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | - | -   | 1.5 | 0.0 |     |
|       | 26   | -   | -   | 0.2 | 0.6 | 0.6 | 1.0 | -   | -   | 0.0 | 0.0 | 0.0 | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | - | -   | 1.0 | 0.0 |     |
| March | 2    | 0.0 | 0.0 | 0.1 | 0.0 | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | 0.1 | 0.3 | 0.3 | 0.5 | -   | - | -   | 0.5 | 0.0 |     |
|       | 3    | -   | -   | 0.0 | 0.0 | 0.1 | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | 0.3 | 0.4 | 0.7 | 0.6 | -   | - | -   | 0.7 | 0.0 |     |
|       | 4    | -   | -   | -   | 0.1 | 0.2 | 0.0 | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | 0.7 | 0.7 | 1.3 | 0.9 | - | -   | -   | 1.3 | 0.0 |
|       | 9    | 4.0 | 4.9 | 6.3 | 4.9 | -   | -   | -   | 2.1 | 1.2 | 0.7 | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | - | -   | 6.3 | 0.7 |     |
|       | 10   | -   | 3.1 | 4.4 | 6.5 | 6.3 | -   | -   | -   | 1.6 | 1.0 | 0.6 | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | - | -   | 6.5 | 0.6 |     |
|       | 11   | -   | -   | 3.8 | 4.6 | 5.4 | 4.1 | -   | -   | -   | 0.8 | 0.5 | 0.3 | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | - | -   | 5.4 | 0.3 |     |
|       | 12   | -   | -   | -   | 3.2 | 4.1 | 4.6 | 3.5 | -   | -   | -   | 0.6 | 0.4 | 0.4 | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | - | -   | 4.6 | 0.4 |     |
|       | 13   | -   | -   | -   | 1.0 | 2.3 | 3.7 | 3.3 | -   | -   | -   | 0.7 | 0.4 | 0.3 | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | - | -   | 3.7 | 0.3 |     |
|       | 14   | -   | -   | -   | -   | 0.4 | 1.7 | 2.2 | 1.9 | -   | -   | -   | -   | -   | 0.2 | 0.1 | 0.1 | -   | -   | -   | -   | -   | -   | -   | - | -   | 2.2 | 0.1 |     |
|       | 15   | 0.2 | 0.1 | 0.1 | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | 0.6 | 1.0 | 1.0 | 1.0 | -   | - | -   | 1.0 | 1.0 |     |
|       | 16   | -   | 0.0 | 0.0 | 0.0 | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | 0.2 | 0.4 | 0.4 | 0.4 | - | -   | -   | 0.4 | 0.0 |
|       | 18   | -   | -   | -   | 0.5 | 0.3 | 0.1 | -   | -   | -   | -   | 1.6 | 2.0 | 2.3 | 2.7 | -   | -   | -   | -   | -   | -   | -   | -   | -   | - | -   | 2.7 | 0.1 |     |
|       | 19   | -   | -   | -   | 1.5 | 1.4 | 1.0 | 0.7 | -   | -   | -   | 2.6 | 3.4 | 3.9 | 4.4 | -   | -   | -   | -   | -   | -   | -   | -   | -   | - | 4.4 | 0.7 |     |     |
|       | 20   | -   | -   | -   | -   | 1.6 | 1.4 | 1.1 | 0.7 | -   | -   | 4.0 | 4.3 | 4.5 | 4.6 | -   | -   | -   | -   | -   | -   | -   | -   | -   | - | 4.6 | 0.7 |     |     |
|       | 21   | -   | -   | -   | -   | -   | 1.6 | 1.2 | 1.1 | -   | -   | 3.8 | 3.9 | 3.9 | 3.8 | -   | -   | -   | -   | -   | -   | -   | -   | -   | - | 3.9 | 1.1 |     |     |
|       | 22   | -   | -   | -   | -   | -   | -   | 1.3 | 1.1 | 1.0 | -   | -   | 4.3 | 4.3 | 4.4 | 4.5 | -   | -   | -   | -   | -   | -   | -   | -   | - | 4.5 | 1.1 |     |     |
|       | 23   | -   | -   | -   | -   | -   | -   | -   | 1.6 | 1.1 | 0.7 | -   | -   | 4.3 | 4.4 | 4.5 | 4.8 | -   | -   | -   | -   | -   | -   | -   | - | 4.8 | 0.7 |     |     |
|       | 24   | -   | -   | -   | -   | -   | -   | -   | -   | 1.0 | 0.5 | 0.3 | -   | -   | 2.7 | 3.5 | 4.1 | 4.6 | -   | -   | -   | -   | -   | -   | - | 4.6 | 0.3 |     |     |
|       | 25   | -   | -   | -   | -   | -   | -   | -   | -   | -   | 0.5 | 0.2 | 0.1 | -   | -   | 2.1 | 2.5 | 3.0 | 2.9 | -   | -   | -   | -   | -   | - | -   | 3.0 | 0.1 |     |
|       | 26   | -   | -   | -   | 1.5 | 1.7 | 2.1 | 2.8 | -   | -   | -   | 0.4 | 0.2 | 0.1 | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | - | 2.8 | 0.1 |     |     |
|       | 27   | -   | -   | -   | 0.8 | 1.5 | 1.6 | 1.8 | -   | -   | -   | 0.4 | 0.2 | 0.1 | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | - | -   | 1.8 | 0.1 |     |
|       | 28   | 0.2 | 0.1 | 0.1 | -   | 0.4 | 1.0 | 0.7 | 1.2 | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | - | 1.2 | 0.1 |     |     |
|       | 29   | 0.0 | 0.0 | 0.0 | -   | -   | 0.2 | 0.5 | 0.6 | 0.5 | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | - | 0.6 | 0.0 |     |     |
|       | 30   | 0.0 | 0.0 | 0.0 | -   | -   | 0.1 | 0.3 | 0.4 | 0.2 | -   | -   | -   | -   | -   | -   | -   | -   | 0.4 | 0.3 | 0.4 | 0.4 | -   | -   | - | 0.4 | 0.0 |     |     |
|       | 31   | 0.0 | 0.0 | 0.0 | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | 0.3 | 0.2 | 0.3 | 0.3 | -   | - | -   | 0.3 | 0.0 |     |

Source: Hydrometeorological Data Center, Hydrometeorological Service of Vietnam, Hanoi

**Table 4.6 Hourly Salinity Measurement Records along the Mekong Delta Branches in 2001 (5/9)**

Station: Tra Vinh

Year: 2000

(unit: g/l)

| Date  |     | Time |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |    |    |    | Max | Min |     |     |     |     |
|-------|-----|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|----|-----|-----|-----|-----|-----|-----|
| Month | Day | 01   | 02  | 03  | 04  | 05  | 06  | 07  | 08  | 09  | 10  | 11  | 12  | 13  | 14  | 15  | 16  | 17  | 18  | 19  | 20  | 21  | 22 | 23 | 24 |     |     |     |     |     |     |
| April | 1   | -    | -   | 0.0 | 0.0 | 0.0 | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | 0.2 | 0.2 | 0.2 | 0.2 | -  | -  | -  | 0.2 | 2.0 |     |     |     |     |
|       | 2   | -    | -   | 0.0 | 0.0 | 0.0 | -   | -   | -   | -   | -   | 0.2 | 0.2 | 0.3 | 0.3 | -   | -   | -   | -   | -   | -   | -   | -  | -  | -  | 0.3 | 0.0 |     |     |     |     |
|       | 3   | -    | -   | -   | -   | 0.0 | 0.0 | 0.0 | -   | -   | -   | -   | 0.9 | 1.1 | 1.1 | 1.1 | -   | -   | -   | -   | -   | -   | -  | -  | -  | 1.1 | 0.0 |     |     |     |     |
|       | 4   | -    | -   | -   | -   | -   | 0.1 | 0.1 | 0.0 | -   | -   | -   | -   | 1.2 | 1.2 | 1.3 | 1.3 | -   | -   | -   | -   | -   | -  | -  | -  | -   | 1.3 | 0.0 |     |     |     |
|       | 5   | -    | -   | -   | -   | -   | -   | -   | 0.2 | 0.0 | 0.0 | -   | -   | -   | 2.1 | 2.6 | 2.2 | 2.0 | -   | -   | -   | -   | -  | -  | -  | -   | -   | 2.6 | 0.0 |     |     |
|       | 6   | -    | -   | -   | -   | -   | -   | -   | -   | 0.3 | 0.1 | 0.0 | -   | -   | -   | 3.4 | 3.6 | 3.2 | 3.0 | -   | -   | -   | -  | -  | -  | -   | -   | -   | 3.6 | 0.0 |     |
|       | 7   | -    | 2.9 | 3.4 | 3.2 | 2.9 | -   | -   | -   | 0.3 | 0.2 | 0.1 | -   | -   | 2.5 | 3.4 | 3.6 | 3.0 | -   | -   | -   | -   | -  | -  | -  | -   | -   | 3.6 | 0.1 |     |     |
|       | 8   | -    | 2.9 | 3.4 | 3.2 | 2.9 | -   | -   | -   | 0.3 | 0.1 | 0.1 | -   | -   | 2.2 | 2.6 | 3.0 | 2.9 | -   | -   | -   | -   | -  | -  | -  | -   | -   | 3.4 | 0.1 |     |     |
|       | 9   | -    | -   | -   | 2.4 | 2.9 | 2.6 | 2.1 | -   | -   | 0.3 | 0.1 | 0.1 | -   | -   | -   | -   | -   | -   | -   | -   | -   | -  | -  | -  | -   | 0.2 | 0.3 | 2.9 | 0.1 |     |
|       | 10  | 0.1  | -   | -   | 0.9 | 1.6 | 2.1 | 2.1 | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -  | -  | -  | -   | 0.1 | 2.1 | 0.1 |     |     |
|       | 11  | 0.1  | 0.2 | -   | -   | 0.4 | 1.0 | 1.1 | 1.2 | -   | -   | -   | -   | -   | -   | -   | -   | -   | 0.6 | 1.1 | 0.7 | 0.4 | -  | -  | -  | -   | -   | 1.2 | 0.1 |     |     |
|       | 12  | 0.0  | 0.1 | 0.0 | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | 0.5 | 0.7 | 1.0 | 0.4 | -  | -  | -  | -   | -   | 1.0 | 0.0 |     |     |
|       | 13  | 0.0  | 0.0 | 0.1 | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | 0.6 | 0.8 | 0.8 | 0.6 | -  | -  | -  | -   | -   | 0.8 | 0.0 |     |     |
|       | 14  | -    | 0.0 | 0.0 | 0.0 | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | 0.4 | 0.6 | 0.6 | 0.6 | -  | -  | -  | -   | -   | 0.6 | 0.0 |     |     |
|       | 15  | -    | 0.0 | 0.0 | 0.0 | -   | -   | -   | 0.1 | 0.3 | 0.4 | 0.6 | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -  | -  | -  | -   | -   | 0.6 | 0.0 |     |     |
|       | 16  | -    | -   | 0.0 | 0.0 | -   | -   | -   | -   | -   | -   | -   | -   | 1.2 | 1.2 | 1.1 | 1.0 | -   | -   | -   | -   | -   | -  | -  | -  | -   | -   | 1.2 | 0.0 |     |     |
|       | 17  | -    | -   | 0.3 | 0.3 | 0.2 | -   | -   | -   | -   | -   | -   | -   | 1.6 | 2.1 | 2.1 | 1.8 | -   | -   | -   | -   | -   | -  | -  | -  | -   | -   | -   | 2.1 | 0.2 |     |
|       | 18  | -    | -   | -   | -   | 0.9 | 0.7 | 0.6 | -   | -   | -   | -   | -   | -   | 3.3 | 3.7 | 3.5 | 3.1 | -   | -   | -   | -   | -  | -  | -  | -   | -   | -   | 3.7 | 0.6 |     |
|       | 19  | -    | -   | -   | -   | -   | -   | 1.7 | 1.2 | 1.1 | -   | -   | -   | -   | 3.7 | 3.9 | 4.6 | 4.3 | -   | -   | -   | -   | -  | -  | -  | -   | -   | -   | 4.6 | 1.1 |     |
|       | 20  | -    | -   | -   | -   | -   | -   | -   | 2.3 | 1.7 | 1.6 | -   | -   | -   | -   | 4.8 | 4.9 | 5.5 | 5.3 | -   | -   | -   | -  | -  | -  | -   | -   | -   | -   | 5.5 | 1.6 |
|       | 21  | -    | -   | -   | -   | -   | -   | -   | -   | 2.0 | 1.8 | 2.7 | -   | -   | -   | 5.2 | 5.4 | 5.6 | 5.6 | -   | -   | -   | -  | -  | -  | -   | -   | -   | -   | 5.6 | 2.0 |
|       | 22  | -    | -   | -   | -   | -   | -   | -   | -   | -   | 2.5 | 2.1 | 2.0 | -   | -   | 5.5 | 6.0 | 5.9 | 5.8 | -   | -   | -   | -  | -  | -  | -   | -   | -   | -   | 6.0 | 2.0 |
|       | 23  | -    | -   | -   | -   | -   | -   | -   | -   | 3.5 | 2.9 | 2.0 | 1.3 | -   | -   | 5.4 | 5.9 | 5.7 | 5.9 | -   | -   | -   | -  | -  | -  | -   | -   | -   | -   | 6.1 | 1.3 |
|       | 24  | -    | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | 5.4 | 5.5 | 5.7 | 5.9 | -   | -   | -   | -  | -  | -  | -   | -   | -   | -   | 2.0 | 1.4 |
|       | 25  | 1.6  | -   | -   | 3.7 | 4.9 | 5.2 | 5.0 | -   | -   | -   | -   | -   | -   | -   | -   | 4.9 | 5.5 | 4.3 | 5.5 | -   | -   | -  | -  | -  | -   | -   | -   | -   | 1.9 | 1.5 |
|       | 26  | 1.1  | -   | -   | -   | 4.0 | 4.9 | 4.3 | 5.3 | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -  | -  | -  | -   | -   | -   | 1.9 | 5.3 | 1.1 |
|       | 27  | 1.4  | 1.2 | -   | -   | 3.6 | 4.7 | 5.4 | 4.3 | -   | -   | -   | -   | -   | -   | -   | -   | 3.7 | 4.6 | 4.9 | 3.6 | -   | -  | -  | -  | -   | -   | -   | -   | 5.4 | 1.2 |
|       | 28  | 1.3  | 0.9 | 0.7 | -   | -   | 3.3 | 3.9 | 4.8 | 4.1 | -   | -   | -   | -   | -   | -   | -   | 3.4 | 3.8 | 3.4 | 2.9 | -   | -  | -  | -  | -   | -   | -   | -   | 4.8 | 0.7 |
|       | 29  | -    | 1.2 | 0.7 | 0.4 | -   | -   | -   | 2.3 | 2.6 | 1.7 | 1.2 | -   | -   | -   | -   | -   | 1.6 | 1.6 | 1.4 | 1.0 | -   | -  | -  | -  | -   | -   | -   | 2.6 | 0.4 |     |
|       | 30  | -    | 0.5 | 0.2 | 0.1 | -   | -   | -   | -   | 2.0 | 2.9 | 2.8 | 2.4 | -   | -   | -   | -   | -   | -   | -   | -   | -   | -  | -  | -  | -   | -   | -   | 2.9 | 0.1 |     |

Source: Hydrometeorological Data Center, Hydrometeorological Service of Vietnam, Hanoi

**Table 4.6 Hourly Salinity Measurement Records along the Mekong Delta Branches in 2001 (6/9)**

Station: Tra Vinh

Year: 2000

(unit: g/l)

| Date  |     | Time |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | Max | Min |     |     |     |     |
|-------|-----|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Month | Day | 01   | 02  | 03  | 04  | 05  | 06  | 07  | 08  | 09  | 10  | 11  | 12  | 13  | 14  | 15  | 16  | 17  | 18  | 19  | 20  | 21  | 22  | 23  | 24  |     |     |     |     |     |     |
| May   | 11  | 0.1  | 0.1 | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | 1.0 | 1.1 | 1.4 | 1.6 | -   | -   | -   | -   | -   | -   | -   | 1.6 | 0.1 |     |     |
|       | 12  | 0.1  | 0.1 | 0.1 | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | 1.0 | 1.1 | 1.1 | 1.3 | -   | -   | -   | -   | -   | -   | -   | -   | 1.3 | 0.1 |     |
|       | 13  | 0.3  | 0.1 | 0.1 | -   | -   | -   | 1.1 | 2.1 | 2.3 | 2.0 | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | 2.3 | 0.1 |     |     |
|       | 14  | -    | 0.4 | 0.1 | 0.1 | -   | -   | 2.2 | 2.3 | 2.5 | 2.3 | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | 2.5 | 0.1 |     |     |
|       | 15  | -    | 0.7 | 0.6 | 0.7 | -   | -   | -   | -   | 3.5 | 3.5 | 3.5 | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | 3.5 | 0.6 |     |     |
|       | 16  | -    | -   | 1.6 | 1.2 | 0.9 | -   | -   | -   | -   | -   | 4.3 | 4.4 | 4.3 | 4.3 | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | 4.4 | 0.9 |     |     |
|       | 17  | -    | -   | -   | 1.2 | 1.0 | 0.7 | -   | -   | -   | 4.3 | 4.4 | 4.1 | 4.0 | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | 5.0 | 0.1 |     |
|       | 18  | -    | -   | -   | -   | 1.5 | 1.3 | 1.1 | -   | -   | -   | -   | -   | -   | 4.0 | 4.5 | 5.0 | 4.8 | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | 5.9 | 1.5 |     |
|       | 19  | -    | -   | -   | -   | -   | 3.4 | 1.8 | 1.5 | -   | -   | 5.2 | 5.9 | 5.6 | 5.6 | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | 7.6 | 1.8 |     |
|       | 20  | -    | -   | -   | -   | -   | -   | -   | 3.1 | 1.9 | 1.8 | -   | -   | -   | -   | 6.1 | 7.1 | 7.6 | 5.9 | -   | -   | -   | -   | -   | -   | -   | -   | -   | 5.8 | 1.2 |     |
|       | 21  | -    | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | 5.0 | 5.8 | 5.3 | 5.5 | -   | -   | 2.0 | 1.5 | 1.2 | -   | -   | -   | -   | -   | 1.0 | 0.5 |     |
|       | 22  | -    | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | 4.5 | 4.1 | 4.2 | 4.0 | -   | -   | -   | 1.0 | 0.5 | 0.4 | 4.5 | 0.4 | -   | 1.1 | 0.4 |     |
|       | 23  | -    | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | 1.2 | 1.7 | 2.7 | 2.8 | 1.9 | -   | -   | -   | -   | 0.3 | 0.1 | 2.8 | 0.1 | -   | 1.4 | 0.1 |
|       | 24  | 0.1  | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | 0.8 | 1.0 | 1.5 | 1.4 | -   | -   | 0.2 | 0.1 | -   | -   | -   | -   | -   | 1.5 | 0.1 |     |
|       | 25  | 0.1  | -   | -   | -   | 0.5 | 1.0 | 1.3 | 1.0 | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | 0.1 | 1.3 | 0.1 |     |
|       | 26  | 0.1  | 0.1 | -   | -   | 0.3 | 0.4 | 0.9 | 0.7 | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | 0.9 | 0.1 |     |
|       | 27  | 0.1  | 0.1 | 0.1 | -   | -   | 0.1 | 0.5 | 1.1 | 0.7 | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | 1.1 | 1.4 |     |
|       | 28  | 0.1  | 0.1 | 0.1 | -   | -   | -</ |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |

**Table 4.6 Hourly Salinity Measurement Records along the Mekong Delta Branches in 2001 (7/9)**

Station:Binh Dai

Year: 2000

Source: Hydrometeorological Data Center, Hydrometeorological Service of Vietnam, Hanoi

**Table 4.6 Hourly Salinity Measurement Records along the Mekong Delta Branches in 2001 (8/9)**

Station:Binh Dai

Year: 2000

| Date  |     | Time |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |    |      |      |      | (unit: g/l) |      |      |      |
|-------|-----|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|----|----|------|------|------|-------------|------|------|------|
| Month | Day | 01   | 02   | 03   | 04   | 05   | 06   | 07   | 08   | 09   | 10   | 11   | 12   | 13   | 14   | 15   | 16   | 17   | 18   | 19   | 20 | 21 | 22   | 23   | 24   | Max         | Min  |      |      |
| April | 2   | -    | -    | 7.5  | 6.0  | 5.3  | -    | -    | -    | -    | 17.0 | 17.4 | 17.6 | 16.7 | -    | -    | -    | -    | -    | -    | -  | -  | -    | -    | 17.6 | 5.3         |      |      |      |
|       | 3   | -    | -    | -    | 7.3  | 6.2  | 4.2  | -    | -    | -    | -    | -    | 16.7 | 17.0 | 16.6 | 15.0 | -    | -    | -    | -    | -  | -  | -    | -    | 17.0 | 4.2         |      |      |      |
|       | 4   | -    | -    | -    | -    | 7.0  | 6.0  | 5.8  | -    | -    | -    | -    | -    | 16.7 | 17.2 | 17.0 | 16.7 | -    | -    | -    | -  | -  | -    | -    | -    | 17.2        | 5.8  |      |      |
|       | 9   | -    | -    | 13.4 | 16.3 | 15.9 | 14.0 | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -  | -  | -    | -    | 7.3  | 6.9         | 4.5  | 16.3 | 4.5  |
|       | 10  | -    | -    | -    | 12.6 | 15.2 | 13.8 | 13.5 | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -  | -  | -    | -    | 7.0  | 6.6         | 15.2 | 6.6  |      |
|       | 11  | 3.0  | -    | -    | 11.3 | 11.9 | 13.1 | 11.2 | -    | -    | -    | 6.3  | 4.8  | 6.1  | -    | -    | -    | -    | -    | -    | -  | -  | -    | -    | -    | -           | 13.1 | 3.0  |      |
|       | 15  | -    | 6.5  | 6.0  | 5.8  | -    | -    | -    | 15.0 | 15.9 | 16.6 | 15.0 | -    | -    | -    | -    | -    | -    | -    | -    | -  | -  | -    | -    | -    | -           | 16.6 | 5.8  |      |
|       | 16  | -    | 6.0  | 5.6  | 5.8  | -    | -    | -    | -    | 15.3 | 15.8 | 16.5 | 17.0 | -    | -    | -    | -    | -    | -    | -    | -  | -  | -    | -    | -    | -           | 17.0 | 5.6  |      |
|       | 17  | -    | -    | 7.0  | 6.2  | 6.5  | -    | -    | -    | -    | 13.7 | 14.2 | 15.5 | 15.0 | -    | -    | -    | -    | -    | -    | -  | -  | -    | -    | -    | -           | 15.5 | 6.2  |      |
|       | 18  | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -  | -  | -    | -    | -    | -           | -    |      |      |
|       | 24  | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | 16.6 | 18.0 | 17.8 | 17.0 | -    | -  | -  | 10.2 | 8.9  | 7.2  | 18.0        | 7.2  |      |      |
|       | 25  | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | 16.4 | 17.6 | 17.5 | 17.2 | -    | -  | -  | -    | 10.2 | 8.0  | 17.6        | 8.0  |      |      |
|       | 26  | 7.4  | -    | -    | 15.7 | 19.1 | 20.2 | 19.9 | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -  | -  | -    | -    | 11.7 | 11.5        | 20.2 | 7.4  |      |
|       | 28  | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | 19.1 | 20.8 | 19.9 | 18.8 | -  | -  | -    | -    | -    | -           | -    | 20.8 | 18.8 |
|       | 29  | 10.7 | 10.5 | 11.2 | -    | -    | -    | 20.0 | 20.5 | 19.7 | 19.1 | -    | -    | -    | -    | -    | -    | -    | -    | -    | -  | -  | -    | -    | -    | -           | 20.5 | 10.5 |      |
|       | 30  | -    | 10.7 | 9.2  | 8.7  | -    | -    | -    | 14.2 | 16.0 | 16.7 | 16.5 | -    | -    | -    | -    | -    | -    | -    | -    | -  | -  | -    | -    | -    | -           | 16.7 | 8.7  |      |
| May   | 9   | -    | -    | 13.2 | 14.0 | 13.6 | 13.2 | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -  | -  | -    | -    | -    | 5.7         | 5.1  | 14.0 | 4.0  |
|       | 10  | 4.8  | -    | -    | -    | 11.9 | 13.9 | 11.8 | 11.5 | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -  | -  | -    | -    | -    | 5.2         | 13.9 | 4.8  |      |
|       | 11  | 4.4  | 4.0  | -    | -    | 13.2 | 13.7 | 14.0 | 13.2 | -    | 6.3  | 4.8  | 6.1  | -    | -    | -    | -    | -    | -    | -    | -  | -  | -    | -    | -    | 14.0        | 4.0  |      |      |
|       | 16  | -    | 8.2  | 7.9  | 7.6  | -    | -    | -    | -    | 17.0 | 18.0 | 17.8 | 17.0 | -    | -    | -    | -    | -    | -    | -    | -  | -  | -    | -    | -    | -           | 18.0 | 7.6  |      |
|       | 17  | -    | -    | -    | 7.8  | 7.0  | 6.2  | -    | -    | -    | 18.0 | 18.3 | 17.0 | 15.3 | -    | -    | -    | -    | -    | -    | -  | -  | -    | -    | -    | -           | 18.3 | 6.2  |      |
|       | 18  | -    | -    | -    | -    | 6.8  | 5.4  | 5.0  | -    | -    | -    | 14.5 | 17.6 | 17.1 | 15.8 | -    | -    | -    | -    | -    | -  | -  | -    | -    | -    | -           | 17.6 | 5.0  |      |
|       | 25  | -    | -    | -    | 10.3 | 13.3 | 12.5 | 11.6 | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -  | -  | -    | -    | -    | 5.5         | 4.7  | 13.3 | 4.7  |
|       | 26  | 4.1  | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | 14.2 | 14.0 | 13.3 | 12.8 | -    | -  | -  | -    | 3.8  | 14.2 | 3.8         | -    | -    |      |
|       | 27  | 2.9  | 3.0  | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | 10.0 | 10.7 | 10.4 | 9.6  | -  | -  | -    | -    | -    | -           | -    | 10.7 | 2.9  |

Source: Hydrometeorological Data Center, Hydrometeorological Service of Vietnam, Hanoi

**Table 4.6 Hourly Salinity Measurement Records along the Mekong Delta Branches in 2001 (9/9)**

Station:Binh Dai

Year: 2000

(unit: g/l)

| Month | Day | Time |     |     |     |     |     |     |     |      |      |      |      |     |    |     |     |     |     |     |     |    |    |    |     | Max | Min |      |     |     |     |  |
|-------|-----|------|-----|-----|-----|-----|-----|-----|-----|------|------|------|------|-----|----|-----|-----|-----|-----|-----|-----|----|----|----|-----|-----|-----|------|-----|-----|-----|--|
|       |     | 01   | 02  | 03  | 04  | 05  | 06  | 07  | 08  | 09   | 10   | 11   | 12   | 13  | 14 | 15  | 16  | 17  | 18  | 19  | 20  | 21 | 22 | 23 | 24  |     |     |      |     |     |     |  |
| June  | 6   | -    | -   | 4.8 | 7.1 | 7.1 | 6.1 | -   | -   | -    | -    | -    | -    | -   | -  | -   | -   | -   | -   | -   | -   | -  | -  | -  | 2.3 | 1.2 | 0.6 | 7.1  | 0.6 |     |     |  |
|       | 7   | -    | -   | -   | 5.7 | 8.2 | 7.8 | 7.1 | -   | -    | -    | -    | -    | -   | -  | -   | -   | -   | -   | -   | -   | -  | -  | -  | -   | 2.1 | 1.0 | 8.2  | 1.0 |     |     |  |
|       | 8   | 0.5  | -   | -   | -   | 5.5 | 8.1 | 6.7 | -   | -    | -    | -    | -    | -   | -  | -   | -   | -   | -   | -   | -   | -  | -  | -  | -   | 2.3 | 1.2 | 8.1  | 0.5 |     |     |  |
|       | 14  | -    | 4.5 | 4.2 | 4.8 | -   | -   | -   | 9.2 | 10.5 | 11.6 | 9.2  | -    | -   | -  | -   | -   | -   | -   | -   | -   | -  | -  | -  | -   | -   | -   | 11.6 | 4.2 |     |     |  |
|       | 15  | -    | -   | 5.3 | 4.8 | 4.5 | -   | -   | -   | 11.8 | 12.3 | 13.0 | 12.7 | -   | -  | -   | -   | -   | -   | -   | -   | -  | -  | -  | -   | -   | -   | 13.0 | 4.5 |     |     |  |
|       | 16  | -    | -   | -   | 4.7 | 4.2 | 4.3 | -   | -   | 11.0 | 11.8 | 13.7 | 13.0 | -   | -  | -   | -   | -   | -   | -   | -   | -  | -  | -  | -   | -   | -   | 13.7 | 4.2 |     |     |  |
|       | 23  | -    | -   | -   | -   | -   | -   | -   | -   | -    | -    | -    | -    | -   | -  | 9.5 | 9.3 | 9.0 | 8.3 | -   | -   | -  | -  | -  | -   | -   | -   | 1.7  | 9.5 | 1.7 |     |  |
|       | 24  | 0.9  | 0.4 | -   | -   | 7.6 | 8.3 | 7.8 | 7.1 | -    | -    | -    | -    | -   | -  | -   | -   | -   | -   | -   | -   | -  | -  | -  | -   | -   | 1.6 | 8.3  | 0.4 |     |     |  |
|       | 25  | 0.8  | 0.4 | -   | -   | -   | 7.6 | 8.9 | 7.6 | 7.2  | -    | -    | -    | -   | -  | -   | -   | -   | -   | -   | -   | -  | -  | -  | -   | -   | -   | 8.9  | 0.4 |     |     |  |
|       | 28  | -    | -   | 3.2 | 2.4 | 1.6 | -   | -   | 6.6 | 7.2  | 7.8  | 7.5  | -    | -   | -  | -   | -   | -   | -   | -   | -   | -  | -  | -  | -   | -   | -   | 7.8  | 1.6 |     |     |  |
|       | 29  | -    | -   | 2.5 | 1.8 | 1.0 | -   | -   | -   | 4.8  | 7.9  | 8.2  | 7.3  | -   | -  | -   | -   | -   | -   | -   | -   | -  | -  | -  | -   | -   | -   | 8.2  | 1.0 |     |     |  |
|       | 30  | -    | -   | -   | -   | -   | -   | -   | -   | 5.1  | 7.1  | 7.2  | 6.1  | -   | -  | -   | 1.8 | 1.3 | 2.2 | -   | -   | -  | -  | -  | -   | -   | 7.2 | 1.3  |     |     |     |  |
| July  | 6   | -    | -   | -   | 5.1 | 5.6 | 4.2 | 3.5 | -   | -    | -    | -    | -    | -   | -  | -   | -   | -   | -   | -   | -   | -  | -  | -  | -   | 1.0 | 0.6 | 0.3  | 5.6 | 0.3 |     |  |
|       | 7   | -    | -   | -   | -   | -   | -   | -   | -   | -    | -    | -    | -    | -   | -  | 4.7 | 6.3 | 6.4 | 5.6 | -   | -   | -  | -  | -  | -   | -   | -   | 0.9  | 0.4 | 6.4 | 0.4 |  |
|       | 8   | 0.2  | -   | -   | -   | 6.5 | 7.8 | 6.9 | 6.2 | -    | -    | -    | -    | -   | -  | -   | -   | -   | -   | -   | -   | -  | -  | -  | -   | -   | 1.2 | 0.5  | 7.8 | 0.2 |     |  |
|       | 14  | -    | -   | 1.4 | 1.1 | 1.7 | -   | -   | 8.0 | 8.2  | 7.9  | 7.6  | -    | -   | -  | -   | -   | -   | -   | -   | -   | -  | -  | -  | -   | -   | -   | 8.2  | 1.1 |     |     |  |
|       | 15  | -    | -   | -   | -   | -   | -   | -   | -   | 7.4  | 7.7  | 8.7  | 7.0  | -   | -  | -   | -   | -   | 2.2 | 2.0 | 2.4 | -  | -  | -  | -   | -   | -   | -    | 8.7 | 2.0 |     |  |
|       | 16  | -    | -   | -   | -   | -   | -   | -   | -   | -    | 7.9  | 7.0  | 6.1  | 4.7 | -  | -   | -   | -   | 2.3 | 1.8 | 2.0 | -  | -  | -  | -   | -   | -   | -    | 7.9 | 1.8 |     |  |
|       | 22  | -    | -   | -   | -   | -   | -   | -   | -   | -    | -    | -    | -    | -   | -  | 4.9 | 6.8 | 6.2 | 5.6 | -   | -   | -  | -  | -  | -   | -   | -   | 1.0  | 0.7 | 6.8 | 0.7 |  |
|       | 23  | 0.3  | -   | -   | -   | -   | -   | -   | -   | -    | -    | -    | -    | -   | -  | -   | 7.6 | 8.0 | 7.0 | 3.5 | -   | -  | -  | -  | -   | -   | -   | -    | 1.2 | 8.0 | 0.3 |  |
|       | 24  | 0.8  | 0.6 | -   | -   | -   | -   | -   | -   | -    | -    | -    | -    | -   | -  | -   | -   | 4.2 | 6.1 | 6.0 | 5.3 | -  | -  | -  | -   | -   | -   | -    | 6.1 | 0.6 |     |  |
|       | 29  | -    | -   | -   | -   | -   | -   | -   | -   | 8.0  | 8.5  | 8.4  | 7.2  | -   | -  | -   | -   | 2.9 | 2.4 | 2.5 | -   | -  | -  | -  | -   | -   | -   | 8.5  | 2.4 |     |     |  |
|       | 30  | -    | -   | -   | -   | -   | -   | -   | -   | -    | 4.1  | 4.3  | 3.6  | 3.0 | -  | -   | -   | -   | 1.2 | 0.7 | 0.3 | -  | -  | -  | -   | -   | -   | -    | 4.3 | 0.3 |     |  |
|       | 31  | -    | -   | -   | -   | -   | -   | -   | -   | -    | 2.5  | 2.7  | 2.6  | 2.3 | -  | -   | -   | -   | 0.6 | 0.3 | 0.1 | -  | -  | -  | -   | -   | -   | -    | 2.7 | 0.1 |     |  |
|       |     |      |     |     |     |     |     |     |     |      |      |      |      |     |    |     |     |     |     |     |     |    |    |    |     |     | 8.7 | 0.1  |     |     |     |  |

Source: Hydrometeorological Data Center, Hydrometeorological Service of Vietnam, Hanoi

**Table 4.9 Historic Salinity Measurement Records along the Mekong Delta Branches in 1935-1942 (1/12)**

Mekong River Branch: Cua Tieu (1/3)

Year: 1935

(unit: g/l)

| Month | Day            | Location         |    |             |             |             |             |                   |    |            |            |                |            |
|-------|----------------|------------------|----|-------------|-------------|-------------|-------------|-------------------|----|------------|------------|----------------|------------|
|       |                | km 10 (Vam Kinh) |    | km 16.5     |             | km 22       |             | km 25.5(Hoa Binh) |    | km 35      |            | km 56 (My Tho) |            |
|       |                | HW               | LW | HW          | LW          | HW          | LW          | HW                | LW | HW         | LW         | HW             | LW         |
| March | 4              | -                | -  | -           | -           | -           | -           | -                 | -  | -          | -          | 0.2            | 0.2        |
|       | 11             | -                | -  | -           | -           | -           | -           | -                 | -  | -          | -          | 0.4            | 0.4        |
|       | 18             | -                | -  | -           | -           | -           | -           | -                 | -  | -          | -          | 0.2            | 0.2        |
|       | 25             | -                | -  | -           | -           | -           | -           | -                 | -  | -          | -          | 0.2            | 0.1        |
|       | <b>Average</b> | -                | -  | -           | -           | -           | -           | -                 | -  | -          | -          | <b>0.3</b>     | <b>0.2</b> |
| April | 1              | -                | -  | -           | -           | -           | -           | -                 | -  | -          | -          | 0.2            | 0.2        |
|       | 8              | -                | -  | 23.6        | 22.4        | 12.0        | 17.0        | -                 | -  | 7.5        | 5.5        | 0.2            | 0.2        |
|       | 15             | -                | -  | 20.0        | 13.8        | 13.0        | 7.2         | -                 | -  | 7.4        | 5.7        | 0.2            | 0.2        |
|       | 22             | -                | -  | 28.8        | 18.0        | 20.0        | 19.6        | -                 | -  | 10.8       | 7.3        | 1.1            | 0.3        |
|       | 29             | -                | -  | 14.4        | 12.6        | 17.4        | 11.0        | -                 | -  | 8.4        | 5.2        | 0.2            | 0.1        |
|       | <b>Average</b> | -                | -  | <b>21.7</b> | <b>16.7</b> | <b>15.6</b> | <b>13.7</b> | -                 | -  | <b>8.5</b> | <b>5.9</b> | <b>0.4</b>     | <b>0.2</b> |
| May   | 6              | -                | -  | 20.0        | 20.0        | 13.3        | 11.0        | -                 | -  | 8.5        | 8.0        | 0.3            | 0.2        |
|       | 13             | -                | -  | 13.4        | 8.3         | 12.3        | 7.9         | -                 | -  | 5.7        | 5.5        | 0.2            | 0.2        |
|       | 20             | -                | -  | 16.5        | 10.0        | 10.3        | 6.7         | -                 | -  | 3.3        | 1.5        | 0.1            | 0.2        |
|       | 27             | -                | -  | 18.8        | 10.7        | 8.9         | 4.0         | -                 | -  | 3.7        | 1.5        | 0.2            | 0.2        |
|       | <b>Average</b> | -                | -  | <b>17.2</b> | <b>12.3</b> | <b>11.2</b> | <b>7.4</b>  | -                 | -  | <b>5.3</b> | <b>4.1</b> | <b>0.2</b>     | <b>0.2</b> |
| June  | 3              | -                | -  | 9.0         | 6.0         | 5.3         | 3.6         | -                 | -  | 1.0        | 1.4        | 0.2            | 0.2        |
|       | 10             | -                | -  | 4.2         | 7.0         | 5.7         | 4.0         | -                 | -  | 0.1        | 0.1        | 0.1            | 0.1        |
|       | 17             | -                | -  | 10.7        | 2.0         | 1.8         | 1.7         | -                 | -  | 0.1        | 0.1        | 0.1            | 0.1        |
|       | 24             | -                | -  | 1.4         | 2.8         | 1.2         | 0.7         | -                 | -  | 0.1        | 0.1        | 0.1            | 0.1        |
|       | <b>Average</b> | -                | -  | <b>6.3</b>  | <b>4.5</b>  | <b>3.5</b>  | <b>2.5</b>  | -                 | -  | <b>0.3</b> | <b>0.4</b> | <b>0.1</b>     | <b>0.1</b> |

Year: 1936

(unit: g/l)

| Month    | Day            | Location         |    |             |             |             |             |                   |            |             |             |                |    |
|----------|----------------|------------------|----|-------------|-------------|-------------|-------------|-------------------|------------|-------------|-------------|----------------|----|
|          |                | km 10 (Vam Kinh) |    | km 16.5     |             | km 22       |             | km 25.5(Hoa Binh) |            | km 35       |             | km 56 (My Tho) |    |
|          |                | HW               | LW | HW          | LW          | HW          | LW          | HW                | LW         | HW          | LW          | HW             | LW |
| January  | 6              | -                | -  | 2.6         | 0.4         | 0.1         | 0.5         | -                 | -          | 0.1         | 0.1         | -              | -  |
|          | 13             | -                | -  | 5.0         | 2.8         | 0.3         | 0.6         | -                 | -          | 0.1         | 0.1         | -              | -  |
|          | 20             | -                | -  | 8.6         | 6.0         | 6.3         | 3.8         | -                 | -          | 2.1         | 2.5         | -              | -  |
|          | 27             | -                | -  | 8.6         | 2.6         | 4.1         | 2.2         | -                 | -          | 0.7         | 0.7         | -              | -  |
|          | <b>Average</b> | -                | -  | <b>6.2</b>  | <b>3.0</b>  | <b>2.7</b>  | <b>1.8</b>  | -                 | -          | <b>0.8</b>  | <b>0.9</b>  | -              | -  |
| February | 3              | -                | -  | 13.9        | 2.3         | 3.4         | 1.5         | -                 | -          | 0.2         | 0.2         | -              | -  |
|          | 10             | -                | -  | 16.7        | 3.0         | 8.0         | 3.1         | -                 | -          | 0.3         | 0.3         | -              | -  |
|          | 17             | -                | -  | 8.8         | 3.9         | 2.4         | 1.4         | -                 | -          | 0.5         | 0.5         | -              | -  |
|          | 24             | -                | -  | 11.3        | 6.1         | 6.3         | 4.6         | -                 | -          | 0.7         | 0.5         | -              | -  |
|          | <b>Average</b> | -                | -  | <b>12.7</b> | <b>3.8</b>  | <b>5.0</b>  | <b>2.7</b>  | -                 | -          | <b>0.4</b>  | <b>0.4</b>  | -              | -  |
| March    | 2              | -                | -  | 12.8        | 4.9         | 2.7         | 4.8         | -                 | -          | 2.0         | 1.9         | 0.1            | -  |
|          | 9              | -                | -  | 27.3        | 14.1        | 13.9        | 9.1         | -                 | -          | 4.0         | 3.6         | 0.1            | -  |
|          | 16             | -                | -  | 25.0        | 16.1        | 9.8         | 3.6         | -                 | -          | 4.3         | 3.0         | 0.0            | -  |
|          | 23             | -                | -  | 22.9        | 17.8        | 22.0        | 18.3        | -                 | -          | 10.0        | 6.8         | 0.5            | -  |
|          | 30             | -                | -  | 25.0        | 21.0        | 18.9        | 15.0        | -                 | -          | 16.1        | 13.8        | 2.4            | -  |
|          | <b>Average</b> | -                | -  | <b>22.6</b> | <b>14.8</b> | <b>13.5</b> | <b>10.2</b> | -                 | -          | <b>7.3</b>  | <b>5.8</b>  | <b>0.6</b>     | -  |
| April    | 6              | -                | -  | 27.3        | 20.5        | 22.9        | 16.1        | -                 | -          | 13.0        | 11.2        | 1.9            | -  |
|          | 13             | -                | -  | 27.0        | 21.6        | 22.9        | 14.8        | -                 | -          | 10.7        | 12.0        | 1.6            | -  |
|          | 20             | -                | -  | 26.7        | 22.7        | 21.8        | 15.9        | -                 | -          | 14.7        | 10.7        | 2.4            | -  |
|          | 27             | -                | -  | 21.2        | 10.5        | 17.0        | 10.8        | -                 | -          | 9.2         | 9.2         | 0.4            | -  |
|          | <b>Average</b> | -                | -  | <b>25.6</b> | <b>18.8</b> | <b>21.2</b> | <b>14.4</b> | -                 | -          | <b>11.9</b> | <b>10.8</b> | <b>1.6</b>     | -  |
| May      | 4              | -                | -  | 19.9        | 11.5        | 15.0        | 12.9        | 11.5              | 9.8        | 7.5         | 6.3         | 0.9            | -  |
|          | 11             | -                | -  | 19.0        | 16.9        | 12.6        | 9.0         | 12.0              | 7.3        | 5.5         | 5.5         | 0.4            | -  |
|          | 18             | -                | -  | 17.1        | 13.0        | 13.0        | 8.2         | 9.5               | 4.4        | 6.5         | 1.9         | 0.2            | -  |
|          | 25             | -                | -  | 17.1        | 13.4        | 11.0        | 6.6         | 6.8               | 3.8        | 2.3         | 3.8         | 0.1            | -  |
|          | <b>Average</b> | -                | -  | <b>18.3</b> | <b>13.7</b> | <b>12.9</b> | <b>9.2</b>  | <b>10.0</b>       | <b>6.3</b> | <b>5.5</b>  | <b>4.4</b>  | <b>0.4</b>     | -  |
| June     | 1              | -                | -  | 12.0        | 9.3         | 10.0        | 4.8         | 7.2               | 4.3        | 2.9         | 1.9         | -              | -  |
|          | 8              | -                | -  | 11.9        | 7.0         | 4.3         | 4.6         | 2.8               | 0.5        | 0.3         | 0.4         | -              | -  |
|          | 15             | -                | -  | 7.5         | 3.4         | 4.0         | 1.0         | 0.9               | 0.1        | 0.1         | 0.1         | -              | -  |
|          | 22             | -                | -  | 7.7         | 2.9         | 1.5         | 1.3         | 0.5               | 0.2        | 0.1         | 0.1         | -              | -  |
|          | 29             | -                | -  | 5.2         | 4.4         | 2.7         | 1.5         | 0.8               | 0.3        | 0.2         | 0.2         | -              | -  |
|          | <b>Average</b> | -                | -  | <b>8.9</b>  | <b>5.4</b>  | <b>4.5</b>  | <b>2.6</b>  | <b>2.4</b>        | <b>1.1</b> | <b>0.7</b>  | <b>0.5</b>  | -              | -  |

Note: HW means HHW or LHW, and LW means HLW or LLW.

Source: Recommendations Concerning Agricultural Development with Improved Water Control in the Mekong Delta, Working Paper IV Hydrology, 1974

**Table 4.9 Historic Salinity Measurement Records along the Mekong Delta Branches in 1935-1942 (2/12)**

Mekong River Branch: Cua Tieu (2/3)

Year: 1937

(unit: g/l)

| Month | Day     | Location         |    |         |      |       |      |                   |      |       |    |                |    |
|-------|---------|------------------|----|---------|------|-------|------|-------------------|------|-------|----|----------------|----|
|       |         | km 10 (Vam Kinh) |    | km 16.5 |      | km 22 |      | km 25.5(Hoa Binh) |      | km 35 |    | km 56 (My Tho) |    |
|       |         | HW               | LW | HW      | LW   | HW    | LW   | HW                | LW   | HW    | LW | HW             | LW |
| May   | 3       | -                | -  | 19.2    | 20.0 | 18.0  | 13.2 | 14.3              | 10.5 | -     | -  | 0.45           | -  |
|       | 10      | -                | -  | 18.0    | 17.0 | 17.6  | 12.4 | 14.1              | 6.5  | -     | -  | 0.70           | -  |
|       | 17      | -                | -  | 15.8    | 12.0 | 12.8  | 4.0  | 8.6               | 3.6  | -     | -  | 0.15           | -  |
|       | 24      | -                | -  | 6.0     | 6.0  | 4.3   | 2.2  | 2.6               | 0.0  | -     | -  | 0.05           | -  |
|       | 31      | -                | -  | 10.5    | 7.9  | 8.5   | 1.6  | 5.0               | 0.05 | -     | -  | 0.05           | -  |
|       | Average | -                | -  | 13.9    | 12.6 | 12.2  | 6.7  | 8.9               | 4.1  | -     | -  | 0.28           | -  |
| June  | 7       | -                | -  | 7.0     | 3.5  | 5.4   | 1.6  | 2.0               | 0.4  | -     | -  | 0.05           | -  |
|       | 14      | -                | -  | 6.2     | 2.6  | 1.3   | 0.4  | 0.15              | 0.2  | -     | -  | 0.05           | -  |
|       | 21      | -                | -  | 5.2     | 3.5  | 2.0   | 0.8  | 0.6               | 0.1  | -     | -  | 0.05           | -  |
|       | 28      | -                | -  | 4.6     | 1.8  | 0.3   | 0.1  | 0.05              | 0.05 | -     | -  | 0.05           | -  |
|       | Average | -                | -  | 5.8     | 2.9  | 2.2   | 0.7  | 0.7               | 0.2  | -     | -  | 0.05           | -  |

Year: 1939

(unit: g/l)

| Month    | Day     | Location         |      |         |      |       |    |                   |       |       |      |                |      |
|----------|---------|------------------|------|---------|------|-------|----|-------------------|-------|-------|------|----------------|------|
|          |         | km 10 (Vam Kinh) |      | km 16.5 |      | km 22 |    | km 25.5(Hoa Binh) |       | km 35 |      | km 56 (My Tho) |      |
|          |         | HW               | LW   | HW      | LW   | HW    | LW | HW                | LW    | HW    | LW   | HW             | LW   |
| January  | 2       | 14.4             | 14.4 | 5.6     | 3.2  | -     | -  | 0.15              | 0.20  | 0.05  | 0.10 | 0.05           | 0.05 |
|          | 9       | 25.0             | 21.0 | 8.0     | 1.6  | -     | -  | 0.14              | 0.16  | 0.10  | 0.10 | 0.05           | 0.05 |
|          | 16      | 17.2             | 16.0 | 5.2     | 3.0  | -     | -  | 1.00              | 1.20  | 0.05  | 0.20 | 0.05           | 0.05 |
|          | 23      | 18.0             | 19.0 | 4.4     | 3.0  | -     | -  | 0.14              | 0.16  | 0.05  | 0.10 | 0.05           | 0.05 |
|          | 30      | 20.7             | 21.2 | 2.0     | 1.0  | -     | -  | 0.05              | 0.10  | 0.05  | 0.05 | 0.03           | 0.03 |
|          | Average | 19.1             | 18.3 | 5.0     | 2.4  | -     | -  | 0.30              | 0.36  | 0.06  | 0.11 | 0.05           | 0.05 |
| February | 6       | 23.4             | 24.8 | 6.0     | 3.8  | -     | -  | 0.35              | 0.30  | 0.65  | 0.05 | 0.03           | 0.03 |
|          | 13      | 24.0             | 23.2 | 3.0     | 5.4  | -     | -  | 0.25              | 0.45  | 0.10  | 0.35 | 0.03           | 0.03 |
|          | 20      | 30.7             | 30.2 | 10.0    | 8.0  | -     | -  | 0.30              | 0.65  | 0.60  | 0.70 | 0.05           | 0.05 |
|          | 27      | 33.4             | 34.5 | 9.0     | 10.2 | -     | -  | 3.00              | 2.00  | 0.90  | 0.10 | 0.05           | 0.05 |
|          | Average | 27.9             | 28.2 | 7.0     | 6.9  | -     | -  | 0.98              | 0.85  | 0.56  | 0.30 | 0.04           | 0.04 |
| March    | 6       | 29.6             | 31.2 | 22.0    | 14.0 | -     | -  | 4.0               | 5.8   | 3.0   | 0.1  | 0.05           | 0.05 |
|          | 13      | 25.2             | 31.4 | 9.4     | 9.8  | -     | -  | 2.3               | 3.8   | 2.2   | 1.1  | 0.05           | 0.05 |
|          | 20      | 28.2             | 30.6 | 8.0     | 12.6 | -     | -  | 4.1               | 4.0   | 3.8   | 0.8  | 0.05           | 0.05 |
|          | 27      | 30.2             | 30.4 | 10.7    | 10.2 | -     | -  | 3.0               | 7.5   | 3.5   | 1.5  | 0.05           | 0.05 |
|          | Average | 28.3             | 30.9 | 12.5    | 11.7 | -     | -  | 3.4               | 5.3   | 3.1   | 0.9  | 0.05           | 0.05 |
| April    | 3       | 30.0             | 26.4 | 16.8    | 12.2 | -     | -  | 2.9               | 5.9   | 4.5   | 1.0  | 0.15           | 0.10 |
|          | 10      | 32.0             | 30.8 | 25.4    | 19.6 | -     | -  | 12.0              | 11.4  | 8.3   | 8.2  | 1.30           | 0.80 |
|          | 17      | 33.2             | 31.3 | 20.8    | 18.6 | -     | -  | 7.6               | 11.0  | 10.8  | 4.0  | 0.30           | 0.30 |
|          | 24      | 28.4             | 25.1 | 21.4    | 19.4 | -     | -  | 15.0              | 11.0  | 11.2  | 6.8  | 1.30           | 0.90 |
|          | Average | 30.9             | 28.4 | 21.1    | 17.5 | -     | -  | 9.4               | 9.8   | 8.7   | 5.0  | 0.76           | 0.53 |
| May      | 1       | 29.2             | 26.2 | 18.8    | 14.8 | -     | -  | 9.60              | 10.00 | 8.00  | 4.00 | 0.35           | 0.15 |
|          | 8       | 27.7             | 27.4 | 18.8    | 14.4 | -     | -  | 8.90              | 11.00 | 6.00  | 4.00 | 0.20           | 0.20 |
|          | 15      | 6.8              | 6.8  | 18.4    | 16.4 | -     | -  | 6.20              | 6.00  | 5.50  | 4.60 | 0.30           | 0.17 |
|          | 22      | 6.6              | 25.0 | 17.4    | 12.0 | -     | -  | 6.20              | 9.40  | 3.70  | 1.50 | 0.20           | 0.20 |
|          | 29      | 27.3             | 26.0 | 12.2    | 2.4  | -     | -  | 0.75              | 1.40  | 0.20  | 0.20 | 0.20           | 0.15 |
|          | Average | 19.5             | 22.3 | 17.1    | 12.0 | -     | -  | 6.33              | 7.56  | 4.68  | 2.86 | 0.25           | 0.17 |
| June     | 5       | 22.4             | 23.0 | 13.4    | 8.0  | -     | -  | 2.5               | 2.6   | 0.55  | 0.25 | 0.15           | 0.10 |
|          | Average | 22.4             | 23.0 | 13.4    | 8.0  | -     | -  | 2.5               | 2.6   | 0.55  | 0.25 | 0.15           | 0.10 |

Note: HW means HHW or LHW, and LW means HLW or LLW.

Source: Recommendations Concerning Agricultural Development with Improved Water Control in the Mekong Delta,  
Working Paper IV Hydrology, 1974

**Table 4.9 Historic Salinity Measurement Records along the Mekong Delta Branches in 1935-1942 (3/12)**

Mekong River Branch: Cua Tieu (3/3)

Year: 1940

(unit: g/l)

| Month    | Day            | Location         |             |             |             |       |    |                   |             |            |            |                |            |
|----------|----------------|------------------|-------------|-------------|-------------|-------|----|-------------------|-------------|------------|------------|----------------|------------|
|          |                | km 10 (Vam Kinh) |             | km 16.5     |             | km 22 |    | km 25.5(Hoa Binh) |             | km 35      |            | km 56 (My Tho) |            |
|          |                | HW               | LW          | HW          | LW          | HW    | LW | HW                | LW          | HW         | LW         | HW             | LW         |
| January  | 1              | 18.4             | 18.2        | 2.1         | 0.5         | -     | -  | 0.0               | 0.0         | 0.0        | 0.0        | -              | -          |
|          | 8              | 13.7             | 11.5        | 2.7         | 1.4         | -     | -  | 0.3               | 0.0         | 0.0        | 0.0        | -              | -          |
|          | 15             | 17.1             | 18.3        | 0.7         | 1.7         | -     | -  | 0.2               | 0.0         | 0.0        | 0.0        | 0.1            | 0.0        |
|          | 22             | 17.5             | 16.8        | 6.4         | 0.0         | -     | -  | 0.0               | 0.0         | 0.0        | 0.0        | 0.0            | 0.0        |
|          | 29             | 21.4             | 18.3        | 3.8         | 2.6         | -     | -  | 0.8               | 0.2         | 0.3        | 0.0        | 0.0            | 0.0        |
|          | <b>Average</b> | <b>17.6</b>      | <b>16.6</b> | <b>3.1</b>  | <b>1.2</b>  | -     | -  | <b>0.3</b>        | <b>0.0</b>  | <b>0.1</b> | <b>0.0</b> | <b>0.0</b>     | <b>0.0</b> |
| February | 5              | 18.2             | 17.9        | 6.3         | 1.5         | -     | -  | 0.2               | 0.0         | 0.0        | 0.0        | 0.0            | 0.0        |
|          | 12             | 20.0             | 20.8        | 8.5         | 2.1         | -     | -  | 0.6               | 0.4         | 0.2        | 0.2        | 0.0            | 0.0        |
|          | 19             | 27.2             | 27.1        | 3.0         | 1.5         | -     | -  | 0.7               | 2.8         | 0.5        | 0.0        | 0.0            | 0.0        |
|          | 26             | 28.7             | 26.1        | 22.6        | 16.0        | -     | -  | 5.7               | 5.7         | 6.4        | 2.5        | 0.0            | 0.0        |
|          | <b>Average</b> | <b>23.5</b>      | <b>23.0</b> | <b>10.1</b> | <b>5.3</b>  | -     | -  | <b>1.8</b>        | <b>2.2</b>  | <b>1.8</b> | <b>0.7</b> | <b>0.0</b>     | <b>0.0</b> |
| March    | 4              | 29.4             | 29.1        | 11.6        | 18.1        | -     | -  | 2.9               | 8.7         | 4.7        | 0.4        | 0.0            | 0.0        |
|          | 11             | 25.6             | 27.5        | 16.8        | 13.5        | -     | -  | 3.3               | 3.1         | 5.0        | 1.0        | 0.0            | 0.0        |
|          | 18             | 29.1             | 29.2        | 13.1        | 10.3        | -     | -  | 4.0               | 5.9         | 1.8        | 3.0        | 0.1            | 0.0        |
|          | 25             | 23.6             | 25.1        | 18.7        | 13.3        | -     | -  | 4.5               | 9.0         | 8.4        | 1.6        | 0.1            | 0.0        |
|          | <b>Average</b> | <b>26.9</b>      | <b>27.7</b> | <b>15.1</b> | <b>13.8</b> | -     | -  | <b>3.7</b>        | <b>6.7</b>  | <b>5.0</b> | <b>1.5</b> | <b>0.1</b>     | <b>0.0</b> |
| April    | 1              | 25.5             | 26.2        | -           | -           | -     | -  | 4.5               | 8.9         | 6.8        | 0.6        | 0.1            | 0.1        |
|          | 8              | 26.3             | 26.5        | -           | -           | -     | -  | 8.4               | 13.6        | 10.8       | 4.0        | 0.4            | 0.1        |
|          | 15             | 28.2             | 28.0        | 20.8        | 20.8        | -     | -  | 8.0               | 12.9        | 9.5        | 7.1        | 0.4            | 0.1        |
|          | 22             | 27.1             | 27.4        | 24.3        | 24.3        | -     | -  | 9.5               | 12.2        | 12.0       | 3.5        | 0.9            | 0.2        |
|          | <b>Average</b> | <b>24.3</b>      | <b>25.4</b> | <b>21.2</b> | <b>19.4</b> | -     | -  | <b>7.5</b>        | <b>11.7</b> | <b>8.6</b> | <b>3.8</b> | <b>0.5</b>     | <b>0.1</b> |
| May      | 6              | 25.8             | 27.6        | 14.0        | 13.7        | -     | -  | 6.3               | 9.5         | 9.2        | 4.7        | 1.5            | 0.1        |
|          | 13             | 27.1             | 22.8        | 18.0        | 18.0        | -     | -  | 6.1               | 11.0        | 6.5        | 4.0        | 0.5            | 0.1        |
|          | 20             | 24.6             | 18.9        | 14.2        | 14.2        | -     | -  | 5.5               | 8.6         | 8.0        | 2.0        | 0.4            | 0.1        |
|          | 27             | 22.8             | 18.9        | 16.1        | 16.1        | -     | -  | 4.0               | 8.8         | 6.0        | 2.1        | 0.1            | 0.1        |
|          | <b>Average</b> | <b>25.1</b>      | <b>22.1</b> | <b>15.6</b> | <b>15.5</b> | -     | -  | <b>5.5</b>        | <b>9.5</b>  | <b>7.4</b> | <b>3.2</b> | <b>0.6</b>     | <b>0.1</b> |
| June     | 3              | 22.2             | 24.5        | 8.4         | 8.4         | -     | -  | 2.8               | 5.5         | 1.8        | 0.4        | 0.1            | 0.1        |
|          | 10             | 19.2             | 18.7        | 8.9         | 3.7         | -     | -  | 0.4               | 1.7         | 0.3        | 0.0        | 0.0            | 0.1        |
|          | 17             | 18.7             | 14.0        | 2.8         | 1.2         | -     | -  | 0.2               | 0.4         | 0.0        | 0.0        | 0.0            | 0.0        |
|          | 24             | 18.9             | 23.6        | 4.7         | 4.7         | -     | -  | 0.1               | 1.6         | 0.1        | 0.0        | 0.0            | 0.0        |
|          | <b>Average</b> | <b>19.8</b>      | <b>20.2</b> | <b>6.2</b>  | <b>4.5</b>  | -     | -  | <b>0.9</b>        | <b>2.3</b>  | <b>0.6</b> | <b>0.1</b> | <b>0.0</b>     | <b>0.1</b> |

Note: HW means HHW or LHW, and LW means HLW or LLW.

Source: Recommendations Concerning Agricultural Development with Improved Water Control in the Mekong Delta,  
Working Paper IV Hydrology, 1974

**Table 4.9 Historic Salinity Measurement Records along the Mekong Delta Branches in 1935-1942 (4/12)**

Mekong River Branch: Ham Luong (1/3)

Year: 1935

(unit: g/l)

| Month    | Day | Location    |             |        |    |            |            |             |            |       |    |       |    |
|----------|-----|-------------|-------------|--------|----|------------|------------|-------------|------------|-------|----|-------|----|
|          |     | km 0        |             | km 9.5 |    | km 10.5    |            | km 19       |            | km 32 |    | km 45 |    |
| HW       | LW  | HW          | LW          | HW     | LW | HW         | LW         | HW          | LW         | HW    | LW | HW    | LW |
| February | 2   | 11.4        | -           | -      | -  | -          | -          | 0.4         | -          | -     | -  | -     | -  |
|          | 11  | 12.4        | 9.8         | -      | -  | -          | -          | 0.4         | 0.6        | -     | -  | -     | -  |
|          | 18  | 21.6        | 17.4        | -      | -  | 2.6        | 13.0       | 1.8         | 1.4        | -     | -  | -     | -  |
|          | 25  | 21.0        | 18.0        | -      | -  | 4.0        | 2.0        | 5.6         | 0.8        | -     | -  | -     | -  |
| Average  |     | <b>16.6</b> | <b>15.1</b> | -      | -  | <b>3.3</b> | <b>7.5</b> | <b>2.6</b>  | <b>0.8</b> | -     | -  | -     | -  |
|          |     |             |             |        |    |            |            |             |            |       |    |       |    |
| March    | 4   | 20.4        | 15.6        | -      | -  | 6.6        | 1.6        | 11.0        | 2.2        | -     | -  | -     | -  |
|          | 11  | 25.0        | 21.6        | -      | -  | 5.4        | 7.3        | 6.7         | -          | -     | -  | -     | -  |
|          | 18  | 24.2        | 22.4        | -      | -  | 8.3        | 1.9        | 8.3         | 6.3        | -     | -  | -     | -  |
|          | 25  | 25.0        | 21.0        | -      | -  | 3.8        | 3.8        | 5.6         | 2.0        | -     | -  | -     | -  |
| Average  |     | <b>23.7</b> | <b>20.2</b> | -      | -  | <b>6.0</b> | <b>3.7</b> | <b>7.9</b>  | <b>3.5</b> | -     | -  | -     | -  |
|          |     |             |             |        |    |            |            |             |            |       |    |       |    |
| April    | 1   | 32.0        | 28.0        | -      | -  | 12.6       | 8.0        | 8.5         | 2.3        | -     | -  | -     | -  |
|          | 8   | 26.0        | 26.0        | -      | -  | 7.4        | 7.4        | 9.0         | 5.6        | -     | -  | -     | -  |
|          | 15  | 26.0        | 20.4        | -      | -  | 9.4        | 9.0        | 10.4        | 6.5        | -     | -  | -     | -  |
|          | 22  | 25.0        | 24.8        | -      | -  | 9.0        | 13.0       | 11.8        | 9.6        | -     | -  | -     | -  |
|          | 29  | 24.5        | 22.4        | -      | -  | 10.4       | 10.4       | 12.0        | 8.4        | -     | -  | -     | -  |
| Average  |     | <b>26.7</b> | <b>24.3</b> | -      | -  | <b>9.8</b> | <b>9.6</b> | <b>10.3</b> | <b>6.5</b> | -     | -  | -     | -  |
|          |     |             |             |        |    |            |            |             |            |       |    |       |    |
| May      | 6   | 29.8        | 23.0        | -      | -  | 14.0       | 14.0       | 13.0        | 3.7        | -     | -  | -     | -  |
|          | 13  | 25.0        | 21.0        | -      | -  | 4.2        | 3.8        | 9.0         | 5.9        | -     | -  | -     | -  |
|          | 20  | 20.6        | 20.6        | -      | -  | 10.0       | 10.0       | 9.1         | 3.5        | -     | -  | -     | -  |
|          | 27  | 20.6        | 18.0        | -      | -  | 5.5        | 5.0        | 8.9         | 5.3        | -     | -  | -     | -  |
| Average  |     | <b>24.0</b> | <b>20.7</b> | -      | -  | <b>8.4</b> | <b>8.2</b> | <b>10.0</b> | <b>4.6</b> | -     | -  | -     | -  |
|          |     |             |             |        |    |            |            |             |            |       |    |       |    |
| June     | 3   | 15.4        | 14.0        | -      | -  | 5.7        | 6.0        | 1.1         | 0.5        | -     | -  | -     | -  |
|          | 10  | 18.5        | 19.0        | -      | -  | 0.4        | 0.4        | 2.8         | 1.6        | -     | -  | -     | -  |
|          | 17  | 14.8        | 16.0        | -      | -  | 2.2        | 2.6        | 0.9         | 0.2        | -     | -  | -     | -  |
|          | 24  | 17.8        | 13.0        | -      | -  | 1.0        | 0.8        | 0.2         | 0.2        | -     | -  | -     | -  |
| Average  |     | <b>16.6</b> | <b>15.5</b> | -      | -  | <b>2.3</b> | <b>2.5</b> | <b>1.3</b>  | <b>0.6</b> | -     | -  | -     | -  |

Year: 1936

(unit: g/l)

| Month    | Day | Location    |             |        |    |             |            |             |            |            |            |            |            |
|----------|-----|-------------|-------------|--------|----|-------------|------------|-------------|------------|------------|------------|------------|------------|
|          |     | km 0        |             | km 9.5 |    | km 10.5     |            | km 19       |            | km 32      |            | km 45      |            |
| HW       | LW  | HW          | LW          | HW     | LW | HW          | LW         | HW          | LW         | HW         | LW         | HW         | LW         |
| January  | 6   | 6.5         | 8.4         | -      | -  | 2.0         | 1.7        | 1.1         | 0.0        | 0.0        | 0.0        | -          | -          |
|          | 13  | 12.0        | 9.0         | -      | -  | 2.6         | 0.7        | 0.8         | 0.1        | 0.1        | 0.1        | 0.1        | 0.0        |
|          | 20  | 15.7        | 7.8         | -      | -  | 4.0         | 4.0        | 8.1         | 2.5        | 0.1        | 0.1        | 0.1        | 0.0        |
|          | 27  | 14.4        | 12.2        | -      | -  | 3.4         | 2.9        | 3.0         | 0.4        | 0.1        | 0.1        | 0.1        | 0.0        |
| Average  |     | <b>12.2</b> | <b>9.4</b>  | -      | -  | <b>3.0</b>  | <b>2.3</b> | <b>3.3</b>  | <b>0.8</b> | <b>0.1</b> | <b>0.1</b> | <b>0.1</b> | <b>0.0</b> |
|          |     |             |             |        |    |             |            |             |            |            |            |            |            |
| February | 3   | 13.0        | 11.4        | -      | -  | 2.5         | 0.6        | 0.7         | 0.2        | 0.1        | 0.1        | 0.1        | 0.1        |
|          | 10  | 15.1        | 10.6        | -      | -  | 3.1         | 0.7        | 2.0         | 0.1        | 0.1        | 0.1        | 0.2        | 0.1        |
|          | 17  | 13.7        | 13.0        | -      | -  | 1.5         | 1.0        | 2.7         | 0.8        | 0.1        | 0.0        | 0.7        | 0.0        |
|          | 24  | 25.2        | 17.0        | -      | -  | 1.7         | 5.2        | 8.8         | 0.7        | 0.2        | 0.0        | 0.3        | 0.0        |
| Average  |     | <b>16.8</b> | <b>13.0</b> | -      | -  | <b>2.2</b>  | <b>1.9</b> | <b>3.6</b>  | <b>0.5</b> | <b>0.1</b> | <b>0.1</b> | <b>0.3</b> | <b>0.1</b> |
|          |     |             |             |        |    |             |            |             |            |            |            |            |            |
| March    | 2   | 17.1        | 17.5        | -      | -  | 1.3         | 1.3        | 6.8         | 0.7        | 0.2        | 0.2        | 0.3        | 0.1        |
|          | 9   | 28.5        | 23.9        | -      | -  | 13.0        | 10.4       | 9.0         | 5.0        | 0.4        | 0.6        | 0.4        | 0.2        |
|          | 16  | 23.7        | 19.9        | -      | -  | 12.0        | 6.5        | 9.0         | 2.6        | 0.3        | 0.4        | 0.4        | 0.3        |
|          | 23  | 25.2        | 22.1        | -      | -  | 21.4        | 16.2       | 16.0        | 6.6        | 4.0        | 3.0        | 0.8        | 0.3        |
|          | 30  | 28.4        | 27.1        | -      | -  | 13.2        | 11.7       | 16.9        | 7.6        | 4.4        | 5.0        | 2.6        | 0.1        |
| Average  |     | <b>24.6</b> | <b>22.1</b> | -      | -  | <b>12.2</b> | <b>9.2</b> | <b>11.5</b> | <b>4.5</b> | <b>1.9</b> | <b>1.8</b> | <b>0.9</b> | <b>0.2</b> |
|          |     |             |             |        |    |             |            |             |            |            |            |            |            |
| April    | 6   | 25.5        | 25.7        | -      | -  | 13.7        | 10.0       | 13.4        | 11.2       | 4.9        | 2.6        | 1.8        | 0.3        |
|          | 13  | 24.2        | 23.0        | -      | -  | 9.2         | 8.0        | 13.3        | 4.5        | 1.4        | 2.0        | 1.2        | 1.2        |
|          | 20  | 26.9        | 25.4        | -      | -  | 21.0        | 10.9       | 15.0        | 6.8        | 5.4        | 3.0        | 2.0        | 0.6        |
|          | 27  | 20.8        | 23.0        | -      | -  | 6.7         | 7.5        | 11.0        | 5.5        | 2.7        | 3.8        | 1.3        | 1.1        |
| Average  |     | <b>24.4</b> | <b>24.3</b> | -      | -  | <b>12.7</b> | <b>9.1</b> | <b>13.2</b> | <b>7.0</b> | <b>3.6</b> | <b>2.9</b> | <b>1.6</b> | <b>0.8</b> |
|          |     |             |             |        |    |             |            |             |            |            |            |            |            |
| May      | 4   | 24.1        | 23.2        | -      | -  | 13.7        | 11.5       | 12.5        | 7.9        | 7.3        | 3.8        | 2.0        | 0.9        |
|          | 11  | 22.7        | 19.1        | -      | -  | 10.1        | 11.0       | 8.0         | 5.6        | 3.5        | 2.4        | 1.1        | 9.8        |
|          | 18  | 21.5        | 20.3        | -      | -  | 12.4        | 7.2        | 8.9         | 4.0        | 2.4        | 1.0        | 0.3        | 0.0        |
|          | 25  | 17.0        | 16.3        | -      | -  | 3.4         | 3.8        | 6.0         | 5.9        | 0.5        | 0.7        | 0.4        | 0.3        |
| Average  |     | <b>21.3</b> | <b>19.7</b> | -      | -  | <b>9.9</b>  | <b>8.4</b> | <b>8.9</b>  | <b>5.9</b> | <b>3.4</b> | <b>2.0</b> | <b>1.0</b> | <b>2.8</b> |
|          |     |             |             |        |    |             |            |             |            |            |            |            |            |
| June     | 1   | 19.0        | 19.0        | -      | -  | 5.9         | 5.7        | 10.0        | 5.5        | 1.6        | 0.6        | 0.2        | 0.0        |
|          | 8   | 15.0        | 15.0        | -      | -  | 5.2         | 2.0        | 3.6         | 0.1        | 0.2        | 0.2        | 0.1        | 0.0        |
|          | 15  | 16.5        | 12.9        | -      | -  | 3.0         | 2.8        | 4.3         | 0.1        | 0.2        | 0.1        | 0.0        | 0.0        |
|          | 22  | 11.5        | 10.2        | -      | -  | 4.6         | 1.8        | 1.8         | 0.1        | 0.1        | 0.1        | 0.0        | 0.0        |
|          | 29  | 12.5        | 11.7        | -      | -  | 4.6         | 1.5        | 4.2         | 0.3        | 0.3        | 0.1        | 0.1        | 0.0        |
| Average  |     | <b>14.9</b> | <b>13.8</b> | -      | -  | <b>4.7</b>  | <b>2.8</b> | <b>4.8</b>  | <b>1.2</b> | <b>0.5</b> | <b>0.2</b> | <b>0.1</b> | <b>0.0</b> |

Note: HW means HHW or LHW, and LW means HLW or LLW.

Source: Recommendations Concerning Agricultural Development with Improved Water Control in the Mekong Delta,  
Working Paper IV Hydrology, 1974

**Table 4.9 Historic Salinity Measurement Records along the Mekong Delta Branches in 1935-1942 (5/12)**

Mekong River Branch: Ham Luong (2/3)

Year: 1937

(unit: g/l)

| Month | Day            | Location |    |            |            |         |    |       |    |       |    |       |    |
|-------|----------------|----------|----|------------|------------|---------|----|-------|----|-------|----|-------|----|
|       |                | km 0     |    | km 9.5     |            | km 10.5 |    | km 19 |    | km 32 |    | km 45 |    |
|       |                | HW       | LW | HW         | LW         | HW      | LW | HW    | LW | HW    | LW | HW    | LW |
| May   | 3              | -        | -  | 10.3       | 9.8        | -       | -  | -     | -  | -     | -  | -     | -  |
|       | 10             | -        | -  | 9.7        | 10.0       | -       | -  | -     | -  | -     | -  | -     | -  |
|       | 17             | -        | -  | 5.0        | 4.5        | -       | -  | -     | -  | -     | -  | -     | -  |
|       | 24             | -        | -  | 3.5        | 3.1        | -       | -  | -     | -  | -     | -  | -     | -  |
|       | 31             | -        | -  | 2.2        | 2.0        | -       | -  | -     | -  | -     | -  | -     | -  |
|       | <b>Average</b> | -        | -  | <b>6.1</b> | <b>5.9</b> | -       | -  | -     | -  | -     | -  | -     | -  |
|       |                |          |    |            |            |         |    |       |    |       |    |       |    |
| June  | 7              | -        | -  | 2.8        | 2.9        | -       | -  | -     | -  | -     | -  | -     | -  |
|       | 14             | -        | -  | 0.3        | 0.6        | -       | -  | -     | -  | -     | -  | -     | -  |
|       | 21             | -        | -  | 3.0        | 3.0        | -       | -  | -     | -  | -     | -  | -     | -  |
|       | 28             | -        | -  | 0.3        | 0.8        | -       | -  | -     | -  | -     | -  | -     | -  |
|       | <b>Average</b> | -        | -  | <b>1.6</b> | <b>1.8</b> | -       | -  | -     | -  | -     | -  | -     | -  |

Year: 1938

(unit: g/l)

| Month    | Day            | Location |    |             |             |         |    |       |    |       |    |       |    |
|----------|----------------|----------|----|-------------|-------------|---------|----|-------|----|-------|----|-------|----|
|          |                | km 0     |    | km 9.5      |             | km 10.5 |    | km 19 |    | km 32 |    | km 45 |    |
|          |                | HW       | LW | HW          | LW          | HW      | LW | HW    | LW | HW    | LW | HW    | LW |
| January  | 3              | -        | -  | 0.2         | 0.1         | -       | -  | -     | -  | -     | -  | -     | -  |
|          | 10             | -        | -  | 3.0         | 3.8         | -       | -  | -     | -  | -     | -  | -     | -  |
|          | 17             | -        | -  | 2.9         | 2.3         | -       | -  | -     | -  | -     | -  | -     | -  |
|          | 24             | -        | -  | 1.6         | 2.6         | -       | -  | -     | -  | -     | -  | -     | -  |
|          | 31             | -        | -  | 7.0         | 5.2         | -       | -  | -     | -  | -     | -  | -     | -  |
|          | <b>Average</b> | -        | -  | <b>2.9</b>  | <b>2.8</b>  | -       | -  | -     | -  | -     | -  | -     | -  |
|          |                |          |    |             |             |         |    |       |    |       |    |       |    |
| February | 7              | -        | -  | 2.0         | 2.0         | -       | -  | -     | -  | -     | -  | -     | -  |
|          | 14             | -        | -  | 3.0         | 1.1         | -       | -  | -     | -  | -     | -  | -     | -  |
|          | 21             | -        | -  | 3.7         | 6.1         | -       | -  | -     | -  | -     | -  | -     | -  |
|          | 28             | -        | -  | 13.0        | 11.4        | -       | -  | -     | -  | -     | -  | -     | -  |
|          | <b>Average</b> | -        | -  | <b>5.4</b>  | <b>5.2</b>  | -       | -  | -     | -  | -     | -  | -     | -  |
|          |                |          |    |             |             |         |    |       |    |       |    |       |    |
| March    | 7              | -        | -  | 5.3         | 2.3         | -       | -  | -     | -  | -     | -  | -     | -  |
|          | 14             | -        | -  | 12.6        | 4.7         | -       | -  | -     | -  | -     | -  | -     | -  |
|          | 21             | -        | -  | 13.0        | 4.0         | -       | -  | -     | -  | -     | -  | -     | -  |
|          | 28             | -        | -  | 8.9         | 7.5         | -       | -  | -     | -  | -     | -  | -     | -  |
|          | <b>Average</b> | -        | -  | <b>10.0</b> | <b>4.6</b>  | -       | -  | -     | -  | -     | -  | -     | -  |
|          |                |          |    |             |             |         |    |       |    |       |    |       |    |
| April    | 4              | -        | -  | 11.3        | 15.6        | -       | -  | -     | -  | -     | -  | -     | -  |
|          | 11             | -        | -  | 10.0        | 8.6         | -       | -  | -     | -  | -     | -  | -     | -  |
|          | 18             | -        | -  | 11.0        | 6.0         | -       | -  | -     | -  | -     | -  | -     | -  |
|          | 25             | -        | -  | 5.0         | 5.0         | -       | -  | -     | -  | -     | -  | -     | -  |
|          | <b>Average</b> | -        | -  | <b>9.3</b>  | <b>8.8</b>  | -       | -  | -     | -  | -     | -  | -     | -  |
|          |                |          |    |             |             |         |    |       |    |       |    |       |    |
| May      | 2              | -        | -  | 10.1        | 8.2         | -       | -  | -     | -  | -     | -  | -     | -  |
|          | 9              | -        | -  | 12.0        | 7.0         | -       | -  | -     | -  | -     | -  | -     | -  |
|          | 16             | -        | -  | 5.4         | 3.5         | -       | -  | -     | -  | -     | -  | -     | -  |
|          | 23             | -        | -  | 5.6         | 3.3         | -       | -  | -     | -  | -     | -  | -     | -  |
|          | 30             | -        | -  | 7.0         | 4.0         | -       | -  | -     | -  | -     | -  | -     | -  |
|          | <b>Average</b> | -        | -  | <b>8.0</b>  | <b>5.2</b>  | -       | -  | -     | -  | -     | -  | -     | -  |
|          |                |          |    |             |             |         |    |       |    |       |    |       |    |
| June     | 6              | -        | -  | 2.50        | 0.30        | -       | -  | -     | -  | -     | -  | -     | -  |
|          | 13             | -        | -  | 0.15        | 0.20        | -       | -  | -     | -  | -     | -  | -     | -  |
|          | 20             | -        | -  | 0.12        | 0.15        | -       | -  | -     | -  | -     | -  | -     | -  |
|          | 27             | -        | -  | 0.35        | 0.50        | -       | -  | -     | -  | -     | -  | -     | -  |
|          | <b>Average</b> | -        | -  | <b>0.78</b> | <b>0.29</b> | -       | -  | -     | -  | -     | -  | -     | -  |

Note: HW means HHW or LHW, and LW means HLW or LLW.

Source: Recommendations Concerning Agricultural Development with Improved Water Control in the Mekong Delta, Working Paper IV Hydrology, 1974

**Table 4.9 Historic Salinity Measurement Records along the Mekong Delta Branches in 1935-1942 (6/12)**

Mekong River Branch: Ham Luong (3/3)

Year: 1939

(unit: g/l)

| Month    | Day     | Location    |             |             |             |             |            |            |            |             |             |             |             |
|----------|---------|-------------|-------------|-------------|-------------|-------------|------------|------------|------------|-------------|-------------|-------------|-------------|
|          |         | km 0        |             | km 9.5      |             | km 10.5     |            | km 19      |            | km 32       |             | km 45       |             |
|          |         | HW          | LW          | HW          | LW          | HW          | LW         | HW         | LW         | HW          | LW          | HW          | LW          |
| January  | 2       | 12.3        | 9.2         | 1.8         | 1.8         | 4.5         | 3.4        | 4.4        | 2.7        | 0.05        | 0.09        | 0.09        | 0.09        |
|          | 9       | 10.2        | 9.4         | 0.7         | 3.0         | 4.6         | 1.0        | 0.4        | 0.5        | 0.05        | 0.10        | 0.18        | 0.05        |
|          | 16      | 13.4        | 11.8        | 1.5         | 4.0         | 4.6         | 2.0        | 5.1        | 2.3        | 0.10        | 0.10        | 0.05        | 0.05        |
|          | 23      | 9.7         | 8.8         | 1.0         | 0.5         | 3.0         | 2.0        | 0.6        | 0.7        | 0.05        | 0.10        | 0.03        | 0.03        |
|          | 30      | 8.4         | 10.0        | 3.0         | 4.8         | 1.3         | 0.2        | 1.5        | 1.0        | 0.05        | 0.05        | 0.06        | 0.02        |
|          | Average | <b>10.8</b> | <b>9.8</b>  | <b>1.6</b>  | <b>2.8</b>  | <b>3.6</b>  | <b>1.7</b> | <b>2.4</b> | <b>1.4</b> | <b>0.06</b> | <b>0.09</b> | <b>0.08</b> | <b>0.05</b> |
| February | 6       | 16.2        | 12.6        | 4.6         | 4.5         | 2.0         | 0.6        | 2.2        | 0.8        | 0.05        | 0.05        | 0.15        | 0.03        |
|          | 13      | 11.8        | 13.2        | 0.9         | 1.3         | 1.0         | 0.3        | 1.0        | 0.1        | 0.05        | 0.05        | 0.05        | 0.05        |
|          | 20      | 17.4        | 15.9        | 4.0         | 4.3         | 6.8         | 1.0        | 4.2        | 0.8        | 0.06        | 0.05        | 0.08        | 0.03        |
|          | 27      | 19.8        | 17.0        | 4.1         | 4.1         | 3.0         | 0.3        | 3.0        | 2.6        | 0.06        | 0.05        | 0.08        | 0.03        |
|          | Average | <b>16.3</b> | <b>14.7</b> | <b>3.4</b>  | <b>3.6</b>  | <b>3.2</b>  | <b>0.6</b> | <b>2.6</b> | <b>1.1</b> | <b>0.06</b> | <b>0.05</b> | <b>0.09</b> | <b>0.04</b> |
| March    | 6       | 19.2        | 15.3        | 4.4         | 2.5         | 11.2        | 1.0        | 4.2        | 0.5        | 0.15        | 0.16        | 0.12        | 0.05        |
|          | 13      | 13.4        | 14.4        | 3.0         | 6.0         | 2.5         | 0.1        | 1.0        | 1.1        | 0.25        | 0.30        | 0.06        | 0.05        |
|          | 20      | 20.0        | 17.6        | 9.3         | 4.5         | 11.1        | 0.7        | 6.5        | 0.7        | 0.22        | 0.17        | 0.06        | 0.05        |
|          | 27      | 18.5        | 19.4        | 3.1         | 1.0         | 3.0         | 1.2        | 3.3        | 0.5        | 0.15        | 0.15        | 0.06        | 0.05        |
|          | Average | <b>17.8</b> | <b>16.7</b> | <b>5.0</b>  | <b>3.5</b>  | <b>7.0</b>  | <b>0.8</b> | <b>3.8</b> | <b>0.7</b> | <b>0.19</b> | <b>0.20</b> | <b>0.08</b> | <b>0.05</b> |
| April    | 3       | 19.2        | 19.0        | 7.8         | 5.5         | 6.2         | 3.0        | 3.2        | 3.0        | 1.50        | 0.10        | 0.15        | 0.05        |
|          | 10      | 27.2        | 25.8        | 17.2        | 16.0        | 19.4        | 12.6       | 13.4       | 9.0        | 2.50        | 1.70        | 0.26        | 0.25        |
|          | 17      | 21.4        | 20.8        | 20.0        | 12.0        | 10.5        | 9.3        | 13.0       | 7.4        | 1.70        | 1.20        | 0.15        | 0.15        |
|          | 24      | 22.0        | 19.0        | 8.2         | 9.4         | 9.0         | 4.8        | 9.0        | 3.0        | 2.30        | 1.60        | 0.20        | 0.45        |
|          | Average | <b>22.5</b> | <b>21.2</b> | <b>13.3</b> | <b>10.7</b> | <b>11.3</b> | <b>7.4</b> | <b>9.7</b> | <b>5.6</b> | <b>2.00</b> | <b>1.15</b> | <b>0.19</b> | <b>0.23</b> |
| May      | 1       | 19.9        | 19.6        | 11.6        | 8.0         | 8.0         | 6.4        | 8.6        | 4.4        | 1.60        | 0.60        | 0.20        | 0.15        |
|          | 8       | 15.0        | 16.6        | 6.2         | 7.4         | 5.8         | 3.1        | 3.5        | 0.7        | 0.35        | 0.35        | 0.15        | 0.10        |
|          | 15      | 20.2        | 18.2        | 8.4         | 12.2        | 13.4        | 6.0        | 7.1        | 7.8        | 2.70        | 1.60        | 0.45        | 0.20        |
|          | 22      | 20.8        | 15.4        | 6.4         | 6.8         | 8.9         | 2.0        | 4.5        | 2.2        | 0.65        | 0.20        | 0.15        | 0.10        |
|          | 29      | 15.9        | 16.8        | 3.8         | 3.0         | 8.9         | 2.3        | 3.5        | 1.0        | 0.15        | 0.15        | 0.05        | 0.05        |
|          | Average | <b>18.4</b> | <b>17.3</b> | <b>7.3</b>  | <b>7.5</b>  | <b>9.0</b>  | <b>4.0</b> | <b>5.4</b> | <b>3.2</b> | <b>1.09</b> | <b>0.58</b> | <b>0.20</b> | <b>0.12</b> |

Year: 1940

(unit: g/l)

| Month    | Day     | Location    |             |             |            |            |            |            |            |            |            |            |             |
|----------|---------|-------------|-------------|-------------|------------|------------|------------|------------|------------|------------|------------|------------|-------------|
|          |         | km 0        |             | km 9.5      |            | km 10.5    |            | km 19      |            | km 32      |            | km 45      |             |
|          |         | HW          | LW          | HW          | LW         | HW         | LW         | HW         | LW         | HW         | LW         | HW         | LW          |
| January  | 1       | 6.5         | 8.8         | 0.3         | 0.5        | 0.2        | 0.3        | 0.0        | 0.0        | 0.0        | 0.0        | 0.0        | 0.0         |
|          | 8       | 6.6         | 7.6         | 0.2         | 0.6        | 0.4        | 0.1        | 0.4        | 0.0        | 0.0        | 0.0        | 0.0        | 0.0         |
|          | 15      | 6.8         | 6.2         | 0.2         | 0.1        | 0.6        | -          | 0.3        | 0.0        | 0.0        | 0.0        | 0.0        | 0.0         |
|          | 22      | 7.1         | 6.7         | 0.3         | 0.0        | 0.2        | -          | 0.0        | 0.0        | 0.0        | 0.0        | 0.0        | 0.0         |
|          | 29      | 11.9        | 13.3        | 0.6         | 1.5        | 0.8        | 0.8        | 0.5        | 0.3        | 0.0        | 0.0        | 0.0        | 0.0         |
|          | Average | <b>7.8</b>  | <b>8.5</b>  | <b>0.3</b>  | <b>0.5</b> | <b>0.4</b> | <b>0.4</b> | <b>0.2</b> | <b>0.1</b> | <b>0.0</b> | <b>0.0</b> | <b>0.0</b> | <b>0.0</b>  |
| February | 5       | 10.4        | 9.2         | 1.2         | 0.2        | 0.2        | 0.0        | 0.2        | 0.1        | 0.0        | 0.0        | 0.0        | 0.0         |
|          | 12      | 13.7        | 11.5        | 4.6         | 2.1        | 3.5        | 0.4        | 0.8        | 0.1        | 0.0        | 0.0        | 0.0        | 0.0         |
|          | 19      | 12.1        | 8.4         | 6.7         | 4.0        | 1.0        | 1.3        | 2.6        | 0.2        | 0.0        | 0.0        | 0.0        | 0.0         |
|          | 26      | 21.4        | 17.1        | 10.6        | 3.2        | 7.0        | 1.9        | 6.3        | 2.5        | 0.1        | 0.2        | 0.1        | 0.0         |
|          | Average | <b>14.4</b> | <b>11.6</b> | <b>5.8</b>  | <b>2.4</b> | <b>2.9</b> | <b>0.9</b> | <b>2.5</b> | <b>0.7</b> | <b>0.0</b> | <b>0.1</b> | <b>0.0</b> | <b>0.0</b>  |
| March    | 4       | 11.6        | 11.6        | 2.2         | 3.0        | 1.6        | 1.4        | 1.8        | 0.4        | 0.1        | 0.1        | 0.0        | 0.0         |
|          | 11      | 15.3        | 15.1        | 3.2         | 2.3        | 4.5        | 1.5        | 3.2        | 1.5        | 0.1        | 0.3        | 0.0        | 0.0         |
|          | 18      | 14.9        | 15.3        | 7.4         | 9.0        | 2.7        | 1.2        | 1.9        | 0.4        | 0.0        | 0.1        | 0.0        | 0.0         |
|          | 25      | 21.8        | 17.2        | 10.8        | 8.7        | 10.4       | 3.6        | 5.3        | 1.5        | 0.2        | 0.1        | 0.2        | 0.0         |
|          | Average | <b>15.9</b> | <b>14.8</b> | <b>5.9</b>  | <b>5.8</b> | <b>4.8</b> | <b>1.9</b> | <b>3.1</b> | <b>1.0</b> | <b>0.1</b> | <b>0.2</b> | <b>0.1</b> | <b>0.0</b>  |
| April    | 1       | 17.0        | 15.6        | 11.8        | 7.8        | 3.0        | 2.4        | 4.6        | 1.0        | 0.4        | 0.5        | 0.2        | 0.0         |
|          | 8       | 21.2        | 18.7        | 12.3        | 8.7        | 11.7       | 2.8        | 8.5        | 4.0        | 0.5        | 1.8        | 0.6        | 0.0         |
|          | 15      | 18.3        | 18.6        | 9.2         | 4.4        | 4.7        | 5.7        | 3.2        | 5.8        | 0.7        | 1.1        | 0.3        | 0.2         |
|          | 22      | 18.9        | 18.8        | 12.9        | 8.7        | 13.3       | 4.0        | 10.2       | 5.3        | 0.9        | 2.0        | 0.6        | 0.1         |
|          | 29      | 13.6        | 18.2        | 6.9         | 3.9        | 3.4        | 3.4        | 2.8        | 4.6        | 0.7        | 0.4        | 0.3        | 0.1         |
|          | Average | <b>17.8</b> | <b>18.0</b> | <b>10.6</b> | <b>6.7</b> | <b>7.2</b> | <b>3.7</b> | <b>5.9</b> | <b>4.1</b> | <b>0.6</b> | <b>1.2</b> | <b>0.4</b> | <b>0.1</b>  |
| May      | 6       | 18.3        | 18.6        | 10.6        | 11.9       | 11.0       | 8.1        | 8.5        | 6.6        | 1.4        | 0.3        | 1.2        | 0.2         |
|          | 13      | 16.8        | 18.4        | 10.0        | 8.9        | 4.2        | 6.1        | 6.3        | 6.3        | 0.5        | 0.8        | 0.6        | 0.0         |
|          | 20      | 15.0        | 18.0        | 6.5         | 8.2        | 12.1       | 5.8        | 6.7        | 2.8        | 0.9        | 0.1        | 0.2        | 0.0         |
|          | 27      | 14.5        | 13.2        | 7.5         | 6.0        | 4.0        | 1.9        | 1.1        | 4.2        | 0.2        | 0.1        | 0.2        | 0.1         |
|          | Average | <b>16.2</b> | <b>17.1</b> | <b>8.7</b>  | <b>8.8</b> | <b>7.8</b> | <b>5.5</b> | <b>5.7</b> | <b>5.0</b> | <b>0.8</b> | <b>0.3</b> | <b>0.6</b> | <b>0.1</b>  |
| June     | 3       | 18.2        | 16.4        | 5.7         | 6.0        | 4.8        | 6.1        | 3.6        | 2.6        | 0.1        | 0.0        | 0.0        | 0.0         |
|          | 10      | 12.2        | 13.2        | 0.3         | 0.0        | 1.5        | 0.8        | 0.0        | 0.4        | 0.2        | 0.1        | 0.0        | 0.0         |
|          | 17      | 12.1        | 12.6        | 0.5         | 0.1        | 0.1        | 0.0        | 4.3        | 0.0        | 0.1        | 0.1        | 0.0        | 0.2         |
|          | 24      | 11.2        | 10.5        | 0.6         | 0.1        | 0.5        | 0.1        | 0.1        | 0.2        | 0.0        | 0.0        | 0.0        | 0.05        |
|          | Average | <b>13.4</b> | <b>13.2</b> | <b>1.8</b>  | <b>1.6</b> | <b>1.7</b> | <b>1.8</b> | <b>2.0</b> | <b>0.8</b> | <b>0.1</b> | <b>0.1</b> | <b>0.0</b> | <b>0.06</b> |

Note: HW means HHH or LHW, and LW means HLW or LLW.

Source: Recommendations Concerning Agricultural Development with Improved Water Control in the Mekong Delta,  
Working Paper IV Hydrology, 1974

**Table 4.9 Historic Salinity Measurement Records along the Mekong Delta Branches in 1935-1942 (7/12)**

Mekong River Branch: Co Chien (1/2)

Year: 1936

(unit: g/l)

| Month    | Day            | Location |    |             |             |            |            |       |    |            |            |   |   |
|----------|----------------|----------|----|-------------|-------------|------------|------------|-------|----|------------|------------|---|---|
|          |                | km -9    |    | km 6        |             | km 32      |            | km 34 |    | km 48      |            |   |   |
|          |                | HW       | LW | HW          | LW          | HW         | LW         | HW    | LW | HW         | LW         |   |   |
| January  | 6              | -        | -  | 11.4        | 9.0         | -          | -          | -     | -  | -          | -          | - | - |
|          | 13             | -        | -  | 12.9        | 9.8         | 0.1        | 0.1        | -     | -  | 0.0        | 0.0        | - | - |
|          | 20             | -        | -  | 12.5        | 6.1         | 2.2        | 0.1        | -     | -  | 0.0        | 0.0        | - | - |
|          | 27             | -        | -  | 19.3        | 7.7         | 0.2        | 0.3        | -     | -  | 0.0        | 0.0        | - | - |
|          | <b>Average</b> | -        | -  | <b>14.0</b> | <b>8.2</b>  | <b>0.8</b> | <b>0.2</b> |       |    | <b>0.0</b> | <b>0.0</b> |   |   |
| February | 3              | -        | -  | 7.6         | 4.6         | 0.1        | 0.1        | -     | -  | 0.0        | 0.0        | - | - |
|          | 10             | -        | -  | 21.1        | 10.3        | 0.1        | 0.1        | -     | -  | 0.0        | 0.0        | - | - |
|          | 17             | -        | -  | 5.9         | 5.3         | 2.1        | 0.8        | -     | -  | 0.0        | 0.0        | - | - |
|          | 24             | -        | -  | 19.3        | 13.2        | 0.3        | 0.3        | -     | -  | 0.0        | 0.0        | - | - |
|          | <b>Average</b> | -        | -  | <b>13.5</b> | <b>8.4</b>  | <b>0.7</b> | <b>0.3</b> |       |    | <b>0.0</b> | <b>0.0</b> |   |   |
| March    | 2              | -        | -  | 9.6         | 13.5        | 0.1        | 0.1        | -     | -  | 0.1        | 0.1        | - | - |
|          | 9              | -        | -  | 29.5        | 22.2        | 2.1        | 2.4        | -     | -  | 0.1        | 0.1        | - | - |
|          | 16             | -        | -  | 20.9        | 9.4         | 1.4        | 1.8        | -     | -  | 0.1        | 0.2        | - | - |
|          | 23             | -        | -  | 27.9        | 22.5        | 7.6        | 6.5        | -     | -  | 2.3        | 2.3        | - | - |
|          | 30             | -        | -  | 26.6        | 22.7        | 5.4        | 6.3        | -     | -  | 0.9        | 0.6        | - | - |
|          | <b>Average</b> | -        | -  | <b>22.9</b> | <b>18.1</b> | <b>3.3</b> | <b>3.4</b> | -     | -  | <b>0.7</b> | <b>0.7</b> | - | - |
| April    | 6              | -        | -  | 25.0        | 22.2        | 6.6        | 5.5        | -     | -  | 1.5        | 1.0        | - | - |
|          | 13             | -        | -  | 23.1        | 18.6        | 1.5        | 2.0        | -     | -  | 0.3        | 0.3        | - | - |
|          | 20             | -        | -  | 27.8        | 21.9        | 6.1        | 4.5        | -     | -  | 0.4        | 0.4        | - | - |
|          | 27             | -        | -  | 17.0        | 12.9        | 3.7        | 3.9        | -     | -  | 0.3        | 0.3        | - | - |
|          | <b>Average</b> | -        | -  | <b>23.2</b> | <b>18.9</b> | <b>4.5</b> | <b>4.0</b> |       |    | <b>0.6</b> | <b>0.5</b> |   |   |
| May      | 4              | -        | -  | 18.4        | 15.4        | 5.3        | 4.7        | -     | -  | 1.0        | 1.0        | - | - |
|          | 11             | -        | -  | 16.8        | 15.1        | 2.1        | 1.9        | -     | -  | 0.2        | 0.2        | - | - |
|          | 18             | -        | -  | 18.3        | 15.4        | 3.0        | 1.0        | -     | -  | 0.1        | 0.3        | - | - |
|          | 25             | -        | -  | 20.5        | 13.4        | 3.0        | 0.9        | -     | -  | 0.1        | 0.2        | - | - |
|          | <b>Average</b> | -        | -  | <b>18.5</b> | <b>14.8</b> | <b>3.4</b> | <b>2.1</b> |       |    | <b>0.4</b> | <b>0.4</b> |   |   |
| June     | 1              | -        | -  | 8.3         | 9.0         | 3.8        | 3.2        | -     | -  | 0.1        | 0.1        | - | - |
|          | 8              | -        | -  | 7.3         | 10.4        | 0.6        | 0.3        | -     | -  | 0.1        | 0.1        | - | - |
|          | 15             | -        | -  | 10.7        | 7.9         | 0.1        | 0.1        | -     | -  | 0.1        | 0.1        | - | - |
|          | 22             | -        | -  | 8.9         | 7.0         | 0.1        | 0.1        | -     | -  | 0.1        | 0.1        | - | - |
|          | 29             | -        | -  | 3.0         | 3.7         | 0.2        | 0.2        | -     | -  | 0.1        | 0.1        | - | - |
|          | <b>Average</b> | -        | -  | <b>7.6</b>  | <b>7.6</b>  | <b>1.0</b> | <b>0.8</b> | -     | -  | <b>0.1</b> | <b>0.1</b> | - | - |

Year: 1939

(unit: g/l)

| Month    | Day            | Location    |             |             |             |            |             |             |             |             |             |   |   |
|----------|----------------|-------------|-------------|-------------|-------------|------------|-------------|-------------|-------------|-------------|-------------|---|---|
|          |                | km -9       |             | km 6        |             | km 32      |             | km 34       |             | km 48       |             |   |   |
|          |                | HW          | LW          | HW          | LW          | HW         | LW          | HW          | LW          | HW          | LW          |   |   |
| January  | 2              | 12.0        | 12.6        | 15.0        | 9.2         | 1.6        | 0.06        | 1.80        | 0.15        | 0.10        | 0.05        | - | - |
|          | 9              | 14.8        | 16.0        | 9.8         | 9.0         | 0.1        | 0.09        | 0.05        | 0.05        | 0.06        | 0.05        | - | - |
|          | 16             | 12.0        | 13.5        | 12.0        | 4.8         | 2.2        | 0.05        | 3.00        | 1.50        | 0.05        | 0.05        | - | - |
|          | 23             | 14.0        | 13.6        | 7.7         | 8.0         | 0.06       | 0.06        | 0.05        | 0.05        | 0.05        | 0.05        | - | - |
|          | 30             | 15.3        | 15.0        | 4.0         | 3.8         | 0.05       | 0.10        | 0.05        | 0.04        | 0.05        | 0.05        | - | - |
|          | <b>Average</b> | <b>13.6</b> | <b>14.1</b> | <b>9.7</b>  | <b>7.0</b>  | <b>0.8</b> | <b>0.1</b>  | <b>0.99</b> | <b>0.36</b> | <b>0.06</b> | <b>0.05</b> | - | - |
| February | 6              | 22.0        | 20.2        | 29.0        | 14.4        | 2.5        | 0.10        | 1.7         | 0.7         | 0.05        | 0.05        | - | - |
|          | 13             | 15.0        | 14.0        | 8.0         | 9.0         | 1.1        | 0.10        | 1.0         | 0.35        | 0.05        | 0.05        | - | - |
|          | 20             | 21.0        | 18.2        | 18.8        | 15.2        | 0.10       | 0.15        | 1.0         | 0.05        | 0.05        | 0.05        | - | - |
|          | 27             | 20.0        | 19.2        | 16.8        | 16.4        | 0.05       | 0.18        | 1.5         | 0.05        | 0.05        | 0.05        | - | - |
|          | <b>Average</b> | <b>19.5</b> | <b>17.9</b> | <b>18.2</b> | <b>13.8</b> | <b>0.9</b> | <b>0.13</b> | <b>1.3</b>  | <b>0.29</b> | <b>0.05</b> | <b>0.05</b> | - | - |
| March    | 6              | 20.0        | 21.0        | 23.4        | 18.8        | 0.2        | 0.4         | 4.5         | 0.2         | 0.06        | 0.05        | - | - |
|          | 13             | 18.0        | 17.0        | 7.0         | 7.8         | 0.2        | 0.2         | 1.6         | 0.1         | 0.09        | 0.05        | - | - |
|          | 20             | 15.8        | 24.0        | 20.0        | 16.0        | 0.7        | 1.7         | 2.7         | 1.2         | 0.10        | 0.06        | - | - |
|          | 27             | 18.6        | 19.4        | 12.0        | 11.2        | 0.2        | 0.7         | 0.6         | 0.2         | 0.09        | 0.08        | - | - |
|          | <b>Average</b> | <b>18.1</b> | <b>20.4</b> | <b>15.6</b> | <b>13.5</b> | <b>0.3</b> | <b>0.74</b> | <b>2.4</b>  | <b>0.43</b> | <b>0.09</b> | <b>0.06</b> | - | - |
| April    | 3              | 21.0        | 25.4        | 18.0        | 16.2        | 0.5        | 0.2         | 2.6         | 1.5         | 0.09        | 0.08        | - | - |
|          | 10             | 24.8        | 25.5        | 13.1        | 18.0        | 2.1        | 1.5         | 9.5         | 9.0         | 0.10        | 0.15        | - | - |
|          | 17             | 28.2        | 28.6        | 17.2        | 16.1        | 1.8        | 1.2         | 9.6         | 7.4         | 2.10        | 1.40        | - | - |
|          | 24             | 23.2        | 23.2        | 16.4        | 15.6        | 4.1        | 3.0         | 6.4         | 3.2         | 0.90        | 1.70        | - | - |
|          | <b>Average</b> | <b>24.3</b> | <b>25.7</b> | <b>16.2</b> | <b>16.5</b> | <b>2.1</b> | <b>1.48</b> | <b>7.0</b>  | <b>5.28</b> | <b>0.80</b> | <b>0.83</b> | - | - |
| May      | 1              | 27.6        | 8.4         | 15.6        | 14.8        | 2.1        | 1.5         | 3.8         | 1.4         | 0.10        | 0.15        | - | - |
|          | 8              | 25.6        | 26.4        | 12.7        | 10.2        | 0.2        | 0.2         | 1.8         | 0.9         | 0.15        | 0.10        | - | - |
|          | 15             | 28.8        | 31.4        | 19.4        | 15.0        | 4.3        | 5.9         | 7.7         | 4.7         | 1.00        | 0.90        | - | - |
|          | 22             | 31.8        | 29.4        | 16.0        | 13.2        | 0.4        | 0.5         | 1.2         | 1.1         | 0.15        | 0.15        | - | - |
|          | 29             | 29.6        | 29.8        | 9.6         | 9.0         | 0.4        | 0.3         | 0.4         | 0.2         | 0.10        | 0.12        | - | - |
|          | <b>Average</b> | <b>28.7</b> | <b>25.1</b> | <b>14.7</b> | <b>12.4</b> | <b>1.5</b> | <b>1.7</b>  | <b>3.0</b>  | <b>1.7</b>  | <b>0.30</b> | <b>0.28</b> | - | - |

Note: HW means HHW or LHW, and LW means HLW or LLW.

Source: Recommendations Concerning Agricultural Development with Improved Water Control in the Mekong Delta,  
Working Paper IV Hydrology, 1974

**Table 4.9 Historic Salinity Measurement Records along the Mekong Delta Branches in 1935-1942 (8/12)**

Mekong River Branch: Co Chien (2/2)

Year: 1940

(unit: g/l)

| Month    | Day     | Location |      |      |      |       |     |       |     |       |     |
|----------|---------|----------|------|------|------|-------|-----|-------|-----|-------|-----|
|          |         | km -9    |      | km 6 |      | km 32 |     | km 34 |     | km 48 |     |
|          |         | HW       | LW   | HW   | LW   | HW    | LW  | HW    | LW  | HW    | LW  |
| January  | 1       | 17.8     | 17.4 | 8.5  | 7.4  | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 |
|          | 8       | 11.0     | 12.0 | 7.8  | 5.0  | 0.1   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 |
|          | 15      | 8.8      | 14.5 | 6.8  | 6.8  | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 |
|          | 22      | 11.4     | 13.6 | 10.0 | 7.6  | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 |
|          | 29      | 12.0     | 17.3 | 21.0 | 12.5 | 0.1   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 |
|          | Average | 12.2     | 15.0 | 10.8 | 7.9  | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 |
| February | 5       | 14.6     | 13.5 | 10.0 | 10.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 |
|          | 12      | 13.4     | 13.2 | 10.0 | 10.3 | 0.0   | 0.0 | 0.1   | 0.1 | 0.0   | 0.0 |
|          | 19      | 15.0     | 15.2 | 6.0  | 9.7  | 0.2   | 0.3 | 2.0   | 0.9 | 0.0   | 0.0 |
|          | 26      | 20.4     | 23.8 | 19.0 | 17.6 | 1.4   | 0.4 | 4.6   | 0.3 | 0.2   | 0.0 |
|          | Average | 15.9     | 16.4 | 11.3 | 11.9 | 0.4   | 0.2 | 1.7   | 0.3 | 0.1   | 0.0 |
| March    | 4       | 15.5     | 14.7 | 6.0  | 6.0  | 0.5   | 0.4 | 1.0   | 0.2 | 0.1   | 0.0 |
|          | 11      | 17.6     | 18.1 | 3.2  | 10.9 | 0.3   | 0.4 | 3.1   | 0.4 | 0.1   | 0.0 |
|          | 18      | 22.8     | 22.8 | 4.0  | 4.4  | 0.1   | 0.3 | 0.9   | 0.0 | 0.0   | 0.0 |
|          | 25      | 19.1     | 18.5 | 20.8 | 12.0 | 1.0   | 0.9 | 4.0   | 0.4 | 2.5   | 1.2 |
|          | Average | 18.8     | 18.5 | 8.5  | 8.3  | 0.5   | 0.5 | 2.3   | 0.3 | 0.7   | 0.3 |
| April    | 1       | 18.2     | 19.0 | 11.2 | 15.2 | 2.0   | 1.0 | 1.6   | 0.4 | 1.7   | 0.0 |
|          | 8       | 22.8     | 23.8 | 15.0 | 15.0 | 1.8   | 1.2 | 2.4   | 0.7 | 2.0   | 1.5 |
|          | 15      | 16.6     | 22.2 | 11.5 | 11.0 | 1.0   | 1.2 | 1.8   | 1.3 | 0.4   | 1.0 |
|          | 22      | 17.9     | 20.7 | 18.5 | 14.2 | 2.0   | 2.0 | 3.7   | 0.6 | 8.8   | 0.7 |
|          | 29      | 23.9     | 10.0 | 5.4  | 8.1  | 1.0   | 1.0 | 2.3   | 1.8 | -     | -   |
|          | Average | 19.9     | 19.1 | 12.3 | 12.7 | 1.6   | 1.3 | 2.4   | 1.0 | 3.2   | 0.8 |
| May      | 6       | 18.7     | 22.1 | 13.0 | 13.6 | 2.0   | 2.0 | 6.3   | 2.3 | 13.9  | 2.7 |
|          | 13      | 18.3     | 18.7 | 7.0  | 8.4  | 0.5   | 0.5 | 3.6   | 1.7 | 3.1   | 1.2 |
|          | 20      | 21.3     | 18.4 | 9.3  | 10.5 | 0.3   | 0.2 | 0.1   | 2.3 | 0.7   | 0.1 |
|          | 27      | 21.0     | 27.5 | 7.0  | 7.4  | 0.3   | 0.1 | 0.6   | 0.1 | 0.1   | 0.0 |
|          | Average | 19.8     | 21.7 | 9.1  | 10.0 | 0.8   | 0.7 | 2.7   | 1.6 | 4.5   | 1.0 |
| June     | 3       | -        | -    | 7.0  | 7.3  | 1.6   | 1.5 | 3.0   | 1.3 | 0.1   | 3.3 |
|          | 10      | -        | -    | 4.2  | 5.0  | 0.4   | 0.4 | 0.1   | 0.1 | 0.1   | 0.1 |
|          | 17      | -        | -    | 6.9  | 2.6  | 0.0   | 0.0 | 0.1   | 0.1 | 0.1   | 4.0 |
|          | 24      | -        | -    | 2.5  | 2.8  | 0.0   | 0.0 | 0.1   | 0.1 | 4.0   | 2.4 |
|          | Average | -        | -    | 5.2  | 4.4  | 0.5   | 0.5 | 0.8   | 0.4 | 1.1   | 2.5 |

Note: HW means HHW or LHW, and LW means HLW or LLW.

Source: Recommendations Concerning Agricultural Development with Improved Water Control in the Mekong Delta, Working Paper IV Hydrology, 1974

**Table 4.9 Historic Salinity Measurement Records along the Mekong Delta Branches in 1935-1942 (9/12)**

Mekong River Branch: Bassac (1/4)

Year: 1936

(unit: g/l)

| Month    | Day            | Location |    |       |    |         |    |             |             |       |    |            |            |  |  |
|----------|----------------|----------|----|-------|----|---------|----|-------------|-------------|-------|----|------------|------------|--|--|
|          |                | km 10    |    | km 13 |    | km 19.5 |    | km 29.5     |             | km 36 |    | km 43      |            |  |  |
|          |                | HW       | LW | HW    | LW | HW      | LW | HW          | LW          | HW    | LW | HW         | LW         |  |  |
| January  | 6              | -        | -  | -     | -  | -       | -  | 6.2         | 8.6         | -     | -  | 0.1        | 0.1        |  |  |
|          | 13             | -        | -  | -     | -  | -       | -  | 7.4         | 7.2         | -     | -  | 0.1        | 0.1        |  |  |
|          | 20             | -        | -  | -     | -  | -       | -  | 6.9         | 5.5         | -     | -  | 1.1        | 1.0        |  |  |
|          | 27             | -        | -  | -     | -  | -       | -  | 10.0        | 7.9         | -     | -  | 1.7        | 1.5        |  |  |
|          | <b>Average</b> | -        | -  | -     | -  | -       | -  | <b>7.6</b>  | <b>7.3</b>  | -     | -  | <b>0.8</b> | <b>0.7</b> |  |  |
| February | 3              | -        | -  | -     | -  | -       | -  | 12.8        | 13.0        | -     | -  | 1.8        | 1.1        |  |  |
|          | 10             | -        | -  | -     | -  | -       | -  | 11.0        | 13.5        | -     | -  | 0.4        | 0.3        |  |  |
|          | 17             | -        | -  | -     | -  | -       | -  | 13.0        | 11.0        | -     | -  | 0.4        | 0.4        |  |  |
|          | 24             | -        | -  | -     | -  | -       | -  | 12.7        | 10.7        | -     | -  | 0.3        | 0.3        |  |  |
|          | <b>Average</b> | -        | -  | -     | -  | -       | -  | <b>12.4</b> | <b>12.1</b> | -     | -  | <b>0.7</b> | <b>0.5</b> |  |  |
| March    | 2              | -        | -  | -     | -  | -       | -  | 13.0        | 7.5         | -     | -  | 1.2        | 1.1        |  |  |
|          | 9              | -        | -  | -     | -  | -       | -  | 13.4        | 14.3        | -     | -  | 0.9        | 0.9        |  |  |
|          | 16             | -        | -  | -     | -  | -       | -  | 14.0        | 12.0        | -     | -  | 0.3        | 0.3        |  |  |
|          | 23             | -        | -  | -     | -  | -       | -  | 13.9        | 12.7        | -     | -  | 2.4        | 2.4        |  |  |
|          | 30             | -        | -  | -     | -  | -       | -  | 1.4         | 13.0        | -     | -  | 3.0        | 3.0        |  |  |
|          | <b>Average</b> | -        | -  | -     | -  | -       | -  | <b>11.1</b> | <b>11.9</b> | -     | -  | <b>1.6</b> | <b>1.5</b> |  |  |
| April    | 6              | -        | -  | -     | -  | -       | -  | 13.0        | 9.0         | -     | -  | 3.2        | 3.1        |  |  |
|          | 13             | -        | -  | -     | -  | -       | -  | 14.0        | 13.9        | -     | -  | 2.8        | 2.8        |  |  |
|          | 20             | -        | -  | -     | -  | -       | -  | 13.9        | 12.2        | -     | -  | 0.9        | 0.9        |  |  |
|          | 27             | -        | -  | -     | -  | -       | -  | 12.9        | 13.5        | -     | -  | 1.1        | 0.7        |  |  |
|          | <b>Average</b> | -        | -  | -     | -  | -       | -  | <b>13.5</b> | <b>12.2</b> | -     | -  | <b>2.0</b> | <b>1.9</b> |  |  |
| May      | 4              | -        | -  | -     | -  | -       | -  | 10.3        | 11.9        | -     | -  | 0.7        | 0.1        |  |  |
|          | 11             | -        | -  | -     | -  | -       | -  | 10.5        | 10.3        | -     | -  | 0.2        | 0.2        |  |  |
|          | 18             | -        | -  | -     | -  | -       | -  | 9.6         | 9.4         | -     | -  | 0.1        | 0.1        |  |  |
|          | 25             | -        | -  | -     | -  | -       | -  | 7.5         | 6.6         | -     | -  | 0.5        | 0.5        |  |  |
|          | <b>Average</b> | -        | -  | -     | -  | -       | -  | <b>9.5</b>  | <b>9.6</b>  | -     | -  | <b>0.4</b> | <b>0.2</b> |  |  |
| June     | 1              | -        | -  | -     | -  | -       | -  | 3.6         | 4.5         | -     | -  | 0.9        | 0.7        |  |  |
|          | 8              | -        | -  | -     | -  | -       | -  | 3.2         | 2.9         | -     | -  | 0.7        | 0.7        |  |  |
|          | 15             | -        | -  | -     | -  | -       | -  | 3.4         | 3.2         | -     | -  | 0.7        | 0.7        |  |  |
|          | 22             | -        | -  | -     | -  | -       | -  | 2.4         | 4.2         | -     | -  | 0.2        | 0.2        |  |  |
|          | 29             | -        | -  | -     | -  | -       | -  | 1.2         | 1.0         | -     | -  | 0.1        | 0.1        |  |  |
|          | <b>Average</b> | -        | -  | -     | -  | -       | -  | <b>2.8</b>  | <b>3.2</b>  | -     | -  | <b>0.5</b> | <b>0.5</b> |  |  |

Note: HW means HHW or LHW, and LW means HLW or LLW.

Source: Recommendations Concerning Agricultural Development with Improved Water Control in the Mekong Delta, Working Paper IV Hydrology, 1974

**Table 4.9 Historic Salinity Measurement Records along the Mekong Delta Branches in 1935-1942 (10/12)**

Mekong River Branch: Bassac (2/4)

Year: 1937

(unit: g/l)

| Month    | Day     | Location |    |       |    |         |    |            |            |       |    |            |            |
|----------|---------|----------|----|-------|----|---------|----|------------|------------|-------|----|------------|------------|
|          |         | km 10    |    | km 13 |    | km 19.5 |    | km 29.5    |            | km 36 |    | km 43      |            |
|          |         | HW       | LW | HW    | LW | HW      | LW | HW         | LW         | HW    | LW | HW         | LW         |
| January  | 4       | -        | -  | -     | -  | -       | -  | -          | -          | -     | -  | 0.6        | 0.8        |
|          | 11      | -        | -  | -     | -  | -       | -  | -          | -          | -     | -  | 0.5        | 1.1        |
|          | 18      | -        | -  | -     | -  | -       | -  | -          | -          | -     | -  | 0.7        | 0.8        |
|          | 25      | -        | -  | -     | -  | -       | -  | -          | -          | -     | -  | 0.7        | 0.9        |
|          | Average | -        | -  | -     | -  | -       | -  | -          | -          | -     | -  | <b>0.6</b> | <b>0.9</b> |
| February | 1       | -        | -  | -     | -  | -       | -  | -          | -          | -     | -  | 1.9        | 1.9        |
|          | 8       | -        | -  | -     | -  | -       | -  | -          | -          | -     | -  | 1.8        | 1.7        |
|          | 15      | -        | -  | -     | -  | -       | -  | -          | -          | -     | -  | 4.2        | 4.0        |
|          | 22      | -        | -  | -     | -  | -       | -  | -          | -          | -     | -  | 4.1        | 4.0        |
|          | Average | -        | -  | -     | -  | -       | -  | -          | -          | -     | -  | <b>3.0</b> | <b>2.9</b> |
| March    | 1       | -        | -  | -     | -  | -       | -  | -          | -          | -     | -  | 3.8        | 4.2        |
|          | 8       | -        | -  | -     | -  | -       | -  | -          | -          | -     | -  | 4.2        | 3.8        |
|          | 15      | -        | -  | -     | -  | -       | -  | -          | -          | -     | -  | 3.0        | 1.8        |
|          | 22      | -        | -  | -     | -  | -       | -  | -          | -          | -     | -  | 1.3        | 1.2        |
|          | 29      | -        | -  | -     | -  | -       | -  | -          | -          | -     | -  | 1.5        | 1.1        |
|          | Average | -        | -  | -     | -  | -       | -  | -          | -          | -     | -  | <b>2.8</b> | <b>2.4</b> |
| April    | 5       | -        | -  | -     | -  | -       | -  | -          | -          | -     | -  | 2.0        | 1.6        |
|          | 12      | -        | -  | -     | -  | -       | -  | -          | -          | -     | -  | 3.2        | 3.0        |
|          | 19      | -        | -  | -     | -  | -       | -  | -          | -          | -     | -  | 4.4        | 1.7        |
|          | 26      | -        | -  | -     | -  | -       | -  | -          | -          | -     | -  | 4.0        | 2.7        |
|          | Average | -        | -  | -     | -  | -       | -  | -          | -          | -     | -  | <b>3.4</b> | <b>2.3</b> |
| May      | 3       | -        | -  | -     | -  | -       | -  | 5.2        | 4.0        | -     | -  | 3.8        | 2.4        |
|          | 10      | -        | -  | -     | -  | -       | -  | 7.8        | 6.6        | -     | -  | 3.0        | 4.0        |
|          | 17      | -        | -  | -     | -  | -       | -  | 2.4        | 2.0        | -     | -  | 1.0        | 1.1        |
|          | 24      | -        | -  | -     | -  | -       | -  | 3.0        | 2.4        | -     | -  | 1.0        | 0.9        |
|          | 31      | -        | -  | -     | -  | -       | -  | 2.8        | 3.8        | -     | -  | 1.0        | 0.9        |
|          | Average | -        | -  | -     | -  | -       | -  | <b>4.2</b> | <b>3.8</b> | -     | -  | <b>2.0</b> | <b>1.9</b> |
| June     | 7       | -        | -  | -     | -  | -       | -  | 0.8        | 0.8        | -     | -  | 1.0        | 0.9        |
|          | 14      | -        | -  | -     | -  | -       | -  | 0.3        | 1.0        | -     | -  | 0.9        | 0.8        |
|          | 21      | -        | -  | -     | -  | -       | -  | 0.7        | 0.5        | -     | -  | 0.8        | 0.5        |
|          | 28      | -        | -  | -     | -  | -       | -  | 0.2        | 0.4        | -     | -  | 0.4        | 0.3        |
|          | Average | -        | -  | -     | -  | -       | -  | <b>0.5</b> | <b>0.7</b> | -     | -  | <b>0.8</b> | <b>0.6</b> |

Note: HW means HHW or LHW, and LW means HLW or LLW.

Source: Recommendations Concerning Agricultural Development with Improved Water Control in the Mekong Delta,  
Working Paper IV Hydrology, 1974

**Table 4.9 Historic Salinity Measurement Records along the Mekong Delta Branches in 1935-1942 (11/12)**

Mekong River Branch: Bassac (3/4)

Year: 1939

(unit: g/l)

| Month    | Day            | Location    |             |            |            |            |            |            |            |             |             |            |            |
|----------|----------------|-------------|-------------|------------|------------|------------|------------|------------|------------|-------------|-------------|------------|------------|
|          |                | km 10       |             | km 13      |            | km 19.5    |            | km 29.5    |            | km 36       |             | km 43      |            |
|          |                | HW          | LW          | HW         | LW         | HW         | LW         | HW         | LW         | HW          | LW          | HW         | LW         |
| January  | 2              | 7.0         | 5.2         | 3.5        | 2.4        | 4.0        | 3.2        | 0.4        | 0.3        | 0.05        | 0.10        | 0.3        | 0.2        |
|          | 9              | 7.8         | 13.0        | 3.0        | 3.0        | 3.0        | 2.5        | 0.5        | 0.5        | 0.06        | 0.10        | 0.7        | 0.8        |
|          | 16             | 14.2        | 16.0        | 3.2        | 2.8        | 5.4        | 1.0        | 1.1        | 3.5        | 2.40        | 1.10        | 0.7        | 0.6        |
|          | 23             | 15.2        | 16.2        | 4.7        | 4.0        | 4.3        | 2.3        | 1.7        | 1.3        | 0.05        | 0.05        | 0.6        | 0.6        |
|          | 30             | 5.6         | 20.0        | 3.3        | 3.7        | 2.2        | 1.2        | 0.9        | 0.8        | 0.05        | 0.05        | 0.7        | 0.6        |
|          | <b>Average</b> | <b>10.0</b> | <b>14.1</b> | <b>3.5</b> | <b>3.2</b> | <b>3.8</b> | <b>2.0</b> | <b>0.9</b> | <b>1.3</b> | <b>0.52</b> | <b>0.28</b> | <b>0.6</b> | <b>0.6</b> |
| February | 6              | 20.6        | 19.6        | 4.0        | 3.2        | 4.0        | 4.6        | 1.1        | 1.8        | 0.05        | 0.05        | 0.6        | 0.5        |
|          | 13             | 4.4         | 24.4        | 4.3        | 6.0        | 1.0        | 1.5        | 0.9        | 0.9        | 0.05        | 0.05        | 1.0        | 0.6        |
|          | 20             | 21.7        | 19.8        | 6.0        | 5.6        | 8.3        | 3.5        | 1.5        | 1.2        | 0.06        | 0.06        | 1.0        | 0.7        |
|          | 27             | 11.0        | 10.8        | 5.0        | 6.6        | 3.3        | 3.3        | 0.9        | 0.9        | 0.05        | 0.05        | 0.8        | 0.6        |
|          | <b>Average</b> | <b>14.4</b> | <b>18.7</b> | <b>4.8</b> | <b>5.4</b> | <b>4.2</b> | <b>3.2</b> | <b>1.1</b> | <b>1.2</b> | <b>0.05</b> | <b>0.05</b> | <b>0.9</b> | <b>0.6</b> |
| March    | 6              | 14.2        | 28.2        | 6.0        | 8.3        | 9.2        | 5.0        | 3.3        | 3.0        | 0.25        | 0.05        | 0.6        | 0.2        |
|          | 13             | 23.0        | 5.2         | 6.5        | 5.0        | 1.7        | 2.7        | 1.1        | 1.0        | 0.09        | 0.20        | 0.2        | 0.3        |
|          | 20             | 19.3        | 18.2        | 5.0        | 7.8        | 6.0        | 5.7        | 5.0        | 3.5        | 1.30        | 0.25        | 0.3        | 0.3        |
|          | 27             | 18.2        | 11.0        | 6.0        | 5.5        | 8.0        | 7.0        | 6.0        | 2.5        | 0.15        | 0.25        | 0.4        | 0.6        |
|          | <b>Average</b> | <b>18.7</b> | <b>15.7</b> | <b>5.9</b> | <b>6.7</b> | <b>6.2</b> | <b>5.1</b> | <b>3.9</b> | <b>2.5</b> | <b>0.45</b> | <b>0.19</b> | <b>0.4</b> | <b>0.4</b> |
| April    | 3              | 12.0        | 18.0        | -          | -          | -          | -          | -          | -          | 1.4         | 1.1         | -          | -          |
|          | 10             | 25.6        | 24.0        | -          | -          | -          | -          | -          | -          | 7.3         | 3.8         | -          | -          |
|          | 17             | 21.2        | 15.2        | -          | -          | -          | -          | -          | -          | 9.6         | 3.9         | -          | -          |
|          | 24             | 23.3        | 19.4        | -          | -          | -          | -          | -          | -          | 4.2         | 3.6         | -          | -          |
|          | <b>Average</b> | <b>20.5</b> | <b>19.2</b> | -          | -          | -          | -          | -          | -          | <b>5.6</b>  | <b>3.1</b>  | -          | -          |
| May      | 1              | 14.6        | 13.6        | -          | -          | -          | -          | -          | -          | 4.00        | 1.90        | -          | -          |
|          | 8              | 18.0        | 18.6        | -          | -          | -          | -          | -          | -          | 1.00        | 0.80        | -          | -          |
|          | 15             | 7.8         | 7.4         | -          | -          | -          | -          | -          | -          | 3.20        | 1.20        | -          | -          |
|          | 22             | 13.2        | 12.4        | -          | -          | -          | -          | -          | -          | 1.00        | 0.60        | -          | -          |
|          | 29             | 6.3         | 9.0         | -          | -          | -          | -          | -          | -          | 0.16        | 0.10        | -          | -          |
|          | <b>Average</b> | <b>12.0</b> | <b>12.2</b> | -          | -          | -          | -          | -          | -          | <b>1.87</b> | <b>0.92</b> | -          | -          |

Year: 1940

(unit: g/l)

| Month    | Day            | Location    |             |             |             |            |            |            |            |             |            |            |            |
|----------|----------------|-------------|-------------|-------------|-------------|------------|------------|------------|------------|-------------|------------|------------|------------|
|          |                | km 10       |             | km 13       |             | km 19.5    |            | km 29.5    |            | km 36       |            | km 43      |            |
|          |                | HW          | LW          | HW          | LW          | HW         | LW         | HW         | LW         | HW          | LW         | HW         | LW         |
| January  | 1              | 8.7         | 10.4        | 3.3         | 3.6         | 0.2        | 0.7        | 0.0        | 0.0        | 4.2         | 0.0        | -          | -          |
|          | 8              | 7.5         | 10.0        | 3.5         | 4.0         | 0.1        | 0.4        | 0.0        | 0.0        | 0.1         | 0.1        | -          | -          |
|          | 15             | 8.3         | 10.2        | 3.8         | 3.1         | 1.7        | 0.7        | 0.0        | 0.0        | -           | 0.3        | -          | -          |
|          | 22             | 9.0         | 7.9         | 1.8         | 2.8         | 0.2        | 0.3        | 0.0        | 0.0        | 0.4         | 0.1        | -          | -          |
|          | 29             | 16.8        | 16.6        | 7.6         | 6.6         | 5.2        | 4.0        | 0.0        | 0.0        | 4.4         | 0.4        | 1.0        | -          |
|          | <b>Average</b> | <b>10.1</b> | <b>11.0</b> | <b>4.0</b>  | <b>4.0</b>  | <b>1.5</b> | <b>1.2</b> | <b>0.0</b> | <b>0.0</b> | <b>2.3</b>  | <b>0.2</b> | <b>1.0</b> | <b>-</b>   |
| February | 5              | 12.2        | 20.8        | 5.0         | 10.0        | 0.5        | 2.4        | 0.0        | 0.0        | 0.0         | 0.4        | 0.0        | -          |
|          | 12             | 15.3        | 17.1        | 4.6         | 7.6         | 4.6        | 3.3        | 0.0        | 0.0        | 1.3         | 0.0        | 0.0        | 0.0        |
|          | 19             | 12.7        | 15.4        | 3.1         | 4.3         | 5.5        | 1.1        | 0.0        | 0.0        | 11.6        | 6.3        | 0.7        | 0.7        |
|          | 26             | 20.5        | 21.2        | 7.1         | 6.3         | 7.7        | 7.4        | 0.0        | 0.0        | 6.5         | 3.6        | 2.5        | 0.0        |
|          | <b>Average</b> | <b>15.2</b> | <b>18.6</b> | <b>5.0</b>  | <b>7.1</b>  | <b>4.6</b> | <b>3.6</b> | <b>0.0</b> | <b>0.0</b> | <b>4.9</b>  | <b>2.6</b> | <b>0.8</b> | <b>0.2</b> |
| March    | 4              | 7.1         | 6.4         | 9.4         | 7.7         | 8.5        | 8.3        | 0.5        | 0.0        | 10.8        | 3.1        | 0.1        | 0.0        |
|          | 11             | 10.3        | 13.4        | 8.0         | 5.4         | 1.8        | 2.1        | 0.5        | 0.4        | 1.9         | 0.0        | 0.0        | 0.0        |
|          | 18             | 7.6         | 15.5        | 4.0         | 7.6         | 1.8        | 0.8        | 0.4        | 0.3        | 0.0         | 4.1        | 0.0        | 0.0        |
|          | 25             | 15.3        | 15.0        | 8.5         | 8.0         | 13.5       | 2.2        | 2.1        | 1.4        | 7.3         | 3.9        | 1.0        | 0.0        |
|          | <b>Average</b> | <b>10.1</b> | <b>12.6</b> | <b>7.5</b>  | <b>7.2</b>  | <b>6.4</b> | <b>3.4</b> | <b>0.9</b> | <b>0.5</b> | <b>5.0</b>  | <b>2.8</b> | <b>0.3</b> | <b>0.0</b> |
| April    | 1              | 9.9         | 25.0        | 8.4         | 7.6         | 5.5        | 4.9        | 2.0        | 5.3        | 8.7         | 0.4        | 0.4        | 0.4        |
|          | 8              | 17.0        | 14.7        | 13.8        | 12.8        | 7.7        | 5.1        | 2.6        | 6.1        | 14.2        | 6.0        | 3.3        | 0.4        |
|          | 15             | 10.0        | 16.5        | 13.2        | 12.8        | 7.1        | 5.8        | 3.7        | 3.7        | 7.8         | 1.4        | 1.3        | 0.4        |
|          | 22             | 15.7        | 16.6        | -           | -           | 9.2        | 10.1       | 7.3        | 7.3        | 13.8        | 20.0       | 5.1        | 0.3        |
|          | 29             | 27.9        | 17.4        | -           | -           | 4.6        | 6.2        | 2.7        | 2.7        | 2.1         | 20.0       | 2.7        | 0.4        |
|          | <b>Average</b> | <b>16.1</b> | <b>18.0</b> | <b>11.8</b> | <b>11.1</b> | <b>6.8</b> | <b>6.4</b> | <b>3.7</b> | <b>5.0</b> | <b>9.3</b>  | <b>9.6</b> | <b>2.6</b> | <b>0.4</b> |
| May      | 6              | 15.2        | 10.0        | -           | -           | 9.1        | 7.8        | 8.8        | 5.6        | 16.0        | 9.3        | 6.7        | 5.5        |
|          | 13             | 15.4        | 17.6        | -           | -           | 5.3        | 4.5        | 7.4        | 5.2        | 7.4         | 9.3        | 0.5        | 0.9        |
|          | 20             | 14.8        | 11.2        | -           | -           | 6.5        | 3.1        | 6.1        | 4.7        | 10.0        | 11.6       | 0.5        | 0.9        |
|          | 27             | 8.3         | 8.7         | -           | -           | 3.8        | 2.6        | 4.1        | 4.1        | 8.9         | 1.3        | 0.1        | 0.1        |
|          | <b>Average</b> | <b>13.4</b> | <b>11.9</b> | -           | -           | <b>6.2</b> | <b>4.5</b> | <b>6.6</b> | <b>4.9</b> | <b>10.6</b> | <b>7.9</b> | <b>2.0</b> | <b>1.9</b> |
| June     | 3              | 7.8         | 15.8        | -           | -           | 8.4        | 5.4        | 3.4        | 4.0        | 9.4         | 12.7       | 0.9        | 0.4        |
|          | 10             | 11.7        | 12.6        | -           | -           | 2.0        | 0.7        | 0.1        | 0.2        | 0.9         | 3.5        | 0.0        | 0.0        |
|          | 17             | 10.8        | 9.2         | -           | -           | 0.8        | 1.1        | 0.1        | 0.4        | 0.6         | 11.0       | 0.0        | 0.0        |
|          | 24             | 8.8         | 12.1        | -           | -           | 0.3        | 2.7        | 0.1        | 0.2        | 0.6         | 1.5        | 0.0        | 0.0        |
|          | <b>Average</b> | <b>9.8</b>  | <b>12.4</b> | -           | -           | <b>2.9</b> | <b>2.5</b> | <b>0.9</b> | <b>1.2</b> | <b>2.9</b>  | <b>7.2</b> | <b>0.2</b> | <b>0.1</b> |

Note: HW means HHW or LHW, and LW means HLW or LLW.

Source: Recommendations Concerning Agricultural Development with Improved Water Control in the Mekong Delta,  
Working Paper IV Hydrology, 1974

**Table 4.9 Historic Salinity Measurement Records along the Mekong Delta Branches in 1935-1942 (12/12)**

Mekong River Branch: Bassac (4/4)

Year: 1941

| Month    | Day            | Location |    |             |             |             |             |         |    |       |    |             |             | (unit: g/l) |  |
|----------|----------------|----------|----|-------------|-------------|-------------|-------------|---------|----|-------|----|-------------|-------------|-------------|--|
|          |                | km 10    |    | km 13       |             | km 19.5     |             | km 29.5 |    | km 36 |    | km 43       |             |             |  |
|          |                | HW       | LW | HW          | LW          | HW          | LW          | HW      | LW | HW    | LW | HW          | LW          |             |  |
| January  | 6              | -        | -  | 4.2         | 4.2         | 1.6         | 1.9         | -       | -  | -     | -  | -           | -           | -           |  |
|          | 13             | -        | -  | 3.4         | 3.7         | 2.9         | 2.2         | -       | -  | -     | -  | -           | -           | -           |  |
|          | 20             | -        | -  | 4.3         | 4.1         | 2.6         | 2.9         | -       | -  | -     | -  | -           | -           | -           |  |
|          | 27             | -        | -  | 3.7         | 2.3         | 4.7         | 4.5         | -       | -  | -     | -  | -           | -           | -           |  |
|          | <b>Average</b> | -        | -  | <b>3.9</b>  | <b>3.6</b>  | <b>3.0</b>  | <b>2.9</b>  | -       | -  | -     | -  | -           | -           | -           |  |
| February | 3              | -        | -  | 3.1         | 2.9         | 2.7         | 3.3         | -       | -  | -     | -  | -           | -           | -           |  |
|          | 10             | -        | -  | 6.6         | 6.5         | 6.0         | 5.3         | -       | -  | -     | -  | -           | -           | -           |  |
|          | 17             | -        | -  | 5.4         | 5.4         | 4.6         | 3.0         | -       | -  | -     | -  | -           | -           | -           |  |
|          | 24             | -        | -  | 7.8         | 2.7         | 2.6         | 2.6         | -       | -  | -     | -  | -           | -           | -           |  |
|          | <b>Average</b> | -        | -  | <b>5.7</b>  | <b>4.4</b>  | <b>4.0</b>  | <b>3.6</b>  | -       | -  | -     | -  | -           | -           | -           |  |
| March    | 3              | -        | -  | 5.6         | 12.8        | 4.1         | 2.3         | -       | -  | -     | -  | -           | -           | -           |  |
|          | 10             | -        | -  | 10.0        | 7.4         | 3.3         | 4.2         | -       | -  | -     | -  | -           | -           | -           |  |
|          | 17             | -        | -  | 9.8         | 8.8         | 9.3         | 8.7         | -       | -  | -     | -  | -           | -           | -           |  |
|          | 24             | -        | -  | 12.4        | 11.9        | 1.3         | 6.6         | -       | -  | -     | -  | -           | -           | -           |  |
|          | 31             | -        | -  | 12.4        | 9.0         | 8.9         | 7.6         | -       | -  | -     | -  | 2.4         | 1.8         | -           |  |
|          | <b>Average</b> | -        | -  | <b>10.0</b> | <b>10.0</b> | <b>5.4</b>  | <b>5.9</b>  | -       | -  | -     | -  | <b>2.4</b>  | <b>1.8</b>  | -           |  |
| April    | 7              | -        | -  | 11.4        | 12.0        | 10.2        | 9.6         | -       | -  | -     | -  | 3.0         | 0.2         | -           |  |
|          | 14             | -        | -  | 17.0        | 15.0        | 14.8        | 15.3        | -       | -  | -     | -  | 1.6         | 4.0         | -           |  |
|          | 21             | -        | -  | 15.0        | 17.2        | 11.5        | 10.0        | -       | -  | -     | -  | 4.6         | 15.8        | -           |  |
|          | 28             | -        | -  | 13.4        | 13.4        | 12.8        | 10.8        | -       | -  | -     | -  | 3.6         | 2.8         | -           |  |
|          | <b>Average</b> | -        | -  | <b>14.2</b> | <b>14.4</b> | <b>12.3</b> | <b>11.4</b> | -       | -  | -     | -  | <b>3.2</b>  | <b>5.7</b>  | -           |  |
| May      | 5              | -        | -  | 7.4         | 7.4         | 9.2         | 8.8         | -       | -  | -     | -  | 1.8         | 0.3         | -           |  |
|          | 12             | -        | -  | 13.4        | 9.1         | 9.2         | 8.8         | -       | -  | -     | -  | 0.9         | 0.9         | -           |  |
|          | 19             | -        | -  | 12.8        | 13.2        | 6.9         | 6.2         | -       | -  | -     | -  | 0.9         | 0.9         | -           |  |
|          | 26             | -        | -  | 10.4        | 9.8         | 4.1         | 4.8         | -       | -  | -     | -  | 1.9         | 0.05        | -           |  |
|          | <b>Average</b> | -        | -  | <b>11.0</b> | <b>9.9</b>  | <b>7.4</b>  | <b>7.2</b>  | -       | -  | -     | -  | <b>1.4</b>  | <b>0.5</b>  | -           |  |
| June     | 2              | -        | -  | 7.2         | 6.1         | 5.3         | 5.0         | -       | -  | -     | -  | 0.05        | 0.05        | -           |  |
|          | 9              | -        | -  | 6.7         | 8.2         | 5.5         | 3.8         | -       | -  | -     | -  | 0.05        | 0.05        | -           |  |
|          | 16             | -        | -  | 7.0         | 6.2         | 4.7         | 4.2         | -       | -  | -     | -  | 0.05        | 0.05        | -           |  |
|          | 23             | -        | -  | 7.3         | 7.0         | 5.8         | 3.6         | -       | -  | -     | -  | 0.05        | 0.05        | -           |  |
|          | 29             | -        | -  | 5.9         | 4.5         | 4.1         | 3.6         | -       | -  | -     | -  | 0.05        | 0.05        | -           |  |
|          | <b>Average</b> | -        | -  | <b>6.8</b>  | <b>6.4</b>  | <b>5.1</b>  | <b>4.0</b>  | -       | -  | -     | -  | <b>0.05</b> | <b>0.05</b> | -           |  |

Year: 1942

| Month    | Day            | Location |    |             |             |            |            |         |    |       |    |            |            | (unit: g/l) |  |
|----------|----------------|----------|----|-------------|-------------|------------|------------|---------|----|-------|----|------------|------------|-------------|--|
|          |                | km 10    |    | km 13       |             | km 19.5    |            | km 29.5 |    | km 36 |    | km 43      |            |             |  |
|          |                | HW       | LW | HW          | LW          | HW         | LW         | HW      | LW | HW    | LW | HW         | LW         |             |  |
| January  | 5              | -        | -  | 3.0         | 2.6         | 0.8        | 2.3        | -       | -  | -     | -  | 0.6        | 0.3        | -           |  |
|          | 12             | -        | -  | 3.6         | 3.3         | 0.7        | 0.8        | -       | -  | -     | -  | 0.2        | 0.8        | -           |  |
|          | 19             | -        | -  | 7.0         | 7.5         | 1.0        | 3.1        | -       | -  | -     | -  | 0.5        | 0.4        | -           |  |
|          | 26             | -        | -  | 6.5         | 6.8         | 0.9        | 3.0        | -       | -  | -     | -  | 0.3        | 0.3        | -           |  |
|          | <b>Average</b> | -        | -  | <b>5.0</b>  | <b>5.1</b>  | <b>0.9</b> | <b>2.3</b> | -       | -  | -     | -  | <b>0.4</b> | <b>0.5</b> | -           |  |
| February | 2              | -        | -  | 3.0         | 7.8         | -          | -          | -       | -  | -     | -  | 0.4        | 0.2        | -           |  |
|          | 9              | -        | -  | 3.6         | 5.3         | -          | -          | -       | -  | -     | -  | 0.2        | 0.3        | -           |  |
|          | 16             | -        | -  | 3.8         | 6.0         | -          | -          | -       | -  | -     | -  | 3.7        | 0.3        | -           |  |
|          | 23             | -        | -  | 4.0         | 7.0         | -          | -          | -       | -  | -     | -  | 0.5        | 0.6        | -           |  |
|          | <b>Average</b> | -        | -  | <b>3.6</b>  | <b>6.5</b>  | -          | -          | -       | -  | -     | -  | <b>1.2</b> | <b>0.4</b> | -           |  |
| March    | 2              | -        | -  | 10.0        | 12.0        | -          | -          | -       | -  | -     | -  | 3.4        | 0.5        | -           |  |
|          | 9              | -        | -  | 13.5        | 10.3        | -          | -          | -       | -  | -     | -  | 3.0        | 0.3        | -           |  |
|          | 16             | -        | -  | 7.2         | 11.0        | -          | -          | -       | -  | -     | -  | 3.5        | 1.0        | -           |  |
|          | 23             | -        | -  | 10.2        | 14.5        | 3.5        | 2.1        | -       | -  | -     | -  | 0.3        | 0.4        | -           |  |
|          | 30             | -        | -  | -           | -           | 4.1        | 2.6        | -       | -  | -     | -  | 0.8        | 0.4        | -           |  |
|          | <b>Average</b> | -        | -  | <b>10.2</b> | <b>12.0</b> | <b>3.8</b> | <b>2.4</b> | -       | -  | -     | -  | <b>2.2</b> | <b>0.5</b> | -           |  |
| April    | 6              | -        | -  | 6.5         | 7.2         | 4.5        | 3.3        | -       | -  | -     | -  | 2.5        | 0.7        | -           |  |
|          | 13             | -        | -  | 7.1         | 9.6         | 2.0        | 1.6        | -       | -  | -     | -  | 2.5        | 0.4        | -           |  |
|          | 20             | -        | -  | 6.0         | 6.4         | 3.2        | 1.9        | -       | -  | -     | -  | 1.2        | 0.6        | -           |  |
|          | 27             | -        | -  | 5.7         | 6.4         | 2.8        | 1.7        | -       | -  | -     | -  | 1.1        | 0.4        | -           |  |
|          | <b>Average</b> | -        | -  | <b>6.3</b>  | <b>7.4</b>  | <b>3.1</b> | <b>2.1</b> | -       | -  | -     | -  | <b>1.8</b> | <b>0.5</b> | -           |  |
| May      | 4              | -        | -  | 7.4         | 9.1         | 3.2        | 2.9        | -       | -  | -     | -  | 2.6        | 0.8        | -           |  |
|          | 13             | -        | -  | 8.4         | 7.0         | 1.3        | 1.7        | -       | -  | -     | -  | 1.6        | 1.0        | -           |  |
|          | 20             | -        | -  | 3.8         | 4.4         | 1.1        | 1.8        | -       | -  | -     | -  | 0.8        | 0.6        | -           |  |
|          | 27             | -        | -  | 3.4         | 4.4         | 0.9        | 1.3        | -       | -  | -     | -  | 0.6        | 0.8        | -           |  |
|          | <b>Average</b> | -        | -  | <b>5.8</b>  | <b>6.2</b>  | <b>1.6</b> | <b>1.9</b> | -       | -  | -     | -  | <b>1.4</b> | <b>0.8</b> | -           |  |

Note: HW means HHW or LHW, and LW means HLW or LLW.

Source: Recommendations Concerning Agricultural Development with Improved Water Control in the Mekong Delta, Working Paper IV Hydrology, 1974

**Table 4.13 Comparison of Monthly Average Salinity Records along the Mekong Delta Branches in 1985-1990 (1/4)**

River: Ham Luong branch

| Station                                  | 1985  |      |      |     | 1986  |      |      |      | 1989  |      |      |      | 1990  |      |      |      |
|--|-------|------|------|-----|-------|------|------|------|-------|------|------|------|-------|------|------|------|
|  | Month | Max  | Ave. | Min | Month | Max  | Ave. | Min  | Month | Max  | Ave. | Min  | Month | Max  | Ave. | Min  |
| <b>Tan Thy (3 km from rivermouth)</b>    |       |      |      |     |       |      |      |      |       |      |      |      |       |      |      |      |
| Jan                                      | -     | -    | -    | -   | Jan   | 16.1 | 9.3  | 3.4  | Jan   | 16.0 | 10.2 | 4.9  | Jan   | 12.7 | 7.6  | 2.9  |
| Feb                                      | -     | -    | -    | -   | Feb   | 21.0 | 13.9 | 7.5  | Feb   | 22.4 | 16.5 | 10.7 | Feb   | 14.4 | 12.8 | 5.6  |
| Mar                                      | 20.7  | 15.9 | 12.7 | -   | Mar   | 20.7 | 15.7 | 11.5 | Mar   | 22.9 | 17.8 | 15.0 | Mar   | 17.6 | 13.3 | 9.5  |
| Apr                                      | 16.1  | 13.9 | 9.6  | -   | Apr   | 20.2 | 15.8 | 11.6 | Apr   | 18.9 | 15.2 | 11.4 | Apr   | 19.4 | 15.4 | 12.3 |
| May                                      | 11.6  | 8.9  | 4.3  | -   | May   | 13.1 | 9.7  | 7.2  | May   | 16.2 | 12.8 | 9.5  | May   | 17.5 | 12.9 | 9.8  |
| Jun                                      | 6.9   | 4.7  | 2.8  | -   | Jun   | -    | -    | -    | Jun   | 8.2  | 5.6  | 3.2  | Jun   | 8.1  | 6.1  | 3.6  |
| <b>Phu Khanh (20 km from rivermouth)</b> |       |      |      |     |       |      |      |      |       |      |      |      |       |      |      |      |
| Jan                                      | -     | -    | -    | -   | Jan   | -    | -    | -    | Jan   | -    | -    | -    | Jan   | 7.8  | 4.2  | 1.5  |
| Feb                                      | -     | -    | -    | -   | Feb   | -    | -    | -    | Feb   | -    | -    | -    | Feb   | 8.5  | 4.5  | 1.8  |
| Mar                                      | -     | -    | -    | -   | Mar   | -    | -    | -    | Mar   | 9.4  | 7.6  | 5.5  | Mar   | 10.1 | 6.9  | 3.8  |
| Apr                                      | -     | -    | -    | -   | Apr   | -    | -    | -    | Apr   | 9.8  | 7.4  | 5.1  | Apr   | 10.8 | 8.0  | 5.4  |
| May                                      | -     | -    | -    | -   | May   | -    | -    | -    | May   | 8.5  | 6.0  | 3.9  | May   | 8.2  | 6.3  | 4.2  |
| Jun                                      | -     | -    | -    | -   | Jun   | -    | -    | -    | Jun   | -    | -    | -    | Jun   | 2.3  | 1.4  | 0.8  |
| <b>My Hoa (51 km from rivermouth)</b>    |       |      |      |     |       |      |      |      |       |      |      |      |       |      |      |      |
| Jan                                      | -     | -    | -    | -   | Jan   | -    | -    | -    | Jan   | -    | -    | -    | Jan   | -    | -    | -    |
| Feb                                      | -     | -    | -    | -   | Feb   | -    | -    | -    | Feb   | 0.5  | 0.3  | 0.1  | Feb   | -    | -    | -    |
| Mar                                      | -     | -    | -    | -   | Mar   | 1.8  | 1.2  | 0.1  | Mar   | 2.6  | 1.7  | 0.8  | Mar   | 1.2  | 0.8  | 0.1  |
| Apr                                      | 2.8   | 1.4  | 0.4  | -   | Apr   | 2.1  | 1.3  | 0.4  | Apr   | 1.9  | 1.1  | 0.4  | Apr   | 1.8  | 1.2  | 0.5  |
| May                                      | 2.6   | 1.2  | 0.5  | -   | May   | 1.4  | 0.8  | 0.3  | May   | 1.3  | 0.7  | 0.2  | May   | 2.3  | 1.4  | 0.5  |
| Jun                                      | 0.9   | 0.5  | 0.2  | -   | Jun   | -    | -    | -    | Jun   | -    | -    | -    | Jun   | -    | -    | -    |

Source: Nguyen Dinh Tien (1992), Analysis of Salinity Intrusion Length, Program of Salinity Intrusion Studies Phase III

**able 4.13 Comparison of Monthly Average Salinity Records along the Mekong Delta Branches in 1985-1990 (2/4)**

River: Co Chien branch

| Station                                 | 1985  |     |      |     | 1986  |      |      |     | 1989  |      |      |      | 1990  |      |      |     |
|---|-------|-----|------|-----|-------|------|------|-----|-------|------|------|------|-------|------|------|-----|
|   | Month | Max | Ave. | Min | Month | Max  | Ave. | Min | Month | Max  | Ave. | Min  | Month | Max  | Ave. | Min |
| <b>Ben Trai (2 km from rivermouth)</b>  |       |     |      |     |       |      |      |     |       |      |      |      |       |      |      |     |
| Jan                                     | -     | -   | -    | -   | Jan   | 17.2 | 10.8 | 5.3 | Jan   | 13.3 | 8.4  | 4.6  | Jan   | 13.9 | 9.3  | 5.1 |
| Feb                                     | -     | -   | -    | -   | Feb   | 17.9 | 12.5 | 5.3 | Feb   | 17.4 | 13.0 | 8.5  | Feb   | 16.7 | 11.2 | 5.9 |
| Mar                                     | -     | -   | -    | -   | Mar   | 20.0 | 15.0 | 6.0 | Mar   | 20.8 | 16.0 | 10.2 | Mar   | 18.8 | 13.3 | 7.7 |
| Apr                                     | -     | -   | -    | -   | Apr   | 21.0 | 15.1 | 9.4 | Apr   | 18.2 | 14.3 | 8.4  | Apr   | 19.2 | 14.3 | 8.5 |
| May                                     | -     | -   | -    | -   | May   | 15.6 | 12.7 | 8.2 | May   | 17.8 | 13.8 | 8.8  | May   | 17.5 | 13.2 | 8.3 |
| Jun                                     | -     | -   | -    | -   | Jun   | 7.4  | 4.2  | 1.9 | Jun   | 7.6  | 4.9  | 2.4  | Jun   | 8.7  | 5.0  | 2.6 |
| <b>Bai Vang (14 km from rivermouth)</b> |       |     |      |     |       |      |      |     |       |      |      |      |       |      |      |     |
| Jan                                     | -     | -   | -    | -   | Jan   | -    | -    | -   | Jan   | -    | -    | -    | Jan   | 7.4  | 4.8  | 2.3 |
| Feb                                     | -     | -   | -    | -   | Feb   | -    | -    | -   | Feb   | -    | -    | -    | Feb   | 7.8  | 5.3  | 3.2 |
| Mar                                     | 1.2   | 9.8 | 7.5  | -   | Mar   | 11.4 | 8.5  | 6.8 | Mar   | -    | -    | -    | Mar   | 9.1  | 6.7  | 4.7 |
| Apr                                     | 10.2  | 8.3 | 6.6  | -   | Apr   | 10.6 | 8.8  | 6.7 | Apr   | -    | -    | -    | Apr   | 9.9  | 7.7  | 5.7 |
| May                                     | 6.9   | 5.3 | 3.7  | -   | May   | 7.2  | 5.8  | 4.2 | May   | -    | -    | -    | May   | 9.6  | 7.8  | 6.1 |
| Jun                                     | -     | -   | -    | -   | Jun   | 1.9  | 1.3  | 0.5 | Jun   | -    | -    | -    | Jun   | 2.8  | 2.1  | 1.5 |
| <b>Tra Vinh (35 km from rivermouth)</b> |       |     |      |     |       |      |      |     |       |      |      |      |       |      |      |     |
| Jan                                     | -     | -   | -    | -   | Jan   | 1.2  | 0.6  | 0.2 | Jan   | -    | -    | -    | Jan   | 3.2  | 2.1  | 0.8 |
| Feb                                     | 2.6   | 1.3 | 0.3  | -   | Feb   | 2.8  | 1.6  | 0.5 | Feb   | -    | -    | -    | Feb   | 3.6  | 2.6  | 0.8 |
| Mar                                     | 7.9   | 5.3 | 2.7  | -   | Mar   | 3.7  | 2.6  | 1.5 | Mar   | -    | -    | -    | Mar   | 6.3  | 3.5  | 1.8 |
| Apr                                     | 7.1   | 5.0 | 2.8  | -   | Apr   | 6.1  | 4.3  | 2.1 | Apr   | 5.9  | 4.2  | 2.2  | Apr   | 6.7  | 4.1  | 2.5 |
| May                                     | -     | -   | -    | -   | May   | 4.4  | 2.8  | 1.1 | May   | 4.6  | 3.4  | 1.9  | May   | 6.8  | 4.6  | 2.7 |
| Jun                                     | -     | -   | -    | -   | Jun   | 0.8  | 0.4  | 0.2 | Jun   | 0.7  | 0.5  | 0.2  | Jun   | 2.4  | 2.4  | 0.3 |
| <b>Duc My (46 km from rivermouth)</b>   |       |     |      |     |       |      |      |     |       |      |      |      |       |      |      |     |
| Jan                                     | -     | -   | -    | -   | Jan   | -    | -    | -   | Jan   | -    | -    | -    | Jan   | -    | -    | -   |
| Feb                                     | -     | -   | -    | -   | Feb   | -    | -    | -   | Feb   | -    | -    | -    | Feb   | -    | -    | -   |
| Mar                                     | -     | -   | -    | -   | Mar   | 2.6  | 1.1  | 0.1 | Mar   | -    | -    | -    | Mar   | -    | -    | -   |
| Apr                                     | -     | -   | -    | -   | Apr   | 2.2  | 1.0  | 0.1 | Apr   | -    | -    | -    | Apr   | -    | -    | -   |
| May                                     | -     | -   | -    | -   | May   | 1.4  | 0.7  | 0.2 | May   | -    | -    | -    | May   | -    | -    | -   |
| Jun                                     | -     | -   | -    | -   | Jun   | 0.3  | 0.2  | 0.1 | Jun   | -    | -    | -    | Jun   | -    | -    | -   |

Source: Nguyen Dinh Tien (1992), Analysis of Salinity Intrusion Length, Program of Salinity Intrusion Studies Phase III

**Table 4.13 Comparison of Monthly Average Salinity Records along the Mekong Delta Branches in 1985-1990 (3/4)**

River: Cua Tieu branch

| Station  | 1985  |      |      | 1986 |       |      | 1989 |     |       | 1990 |      |     | (Unit: g/l) |      |      |     |
|----------|-------|------|------|------|-------|------|------|-----|-------|------|------|-----|-------------|------|------|-----|
|          | Month | Max  | Ave. | Min  | Month | Max  | Ave. | Min | Month | Max  | Ave. | Min | Month       | Max  | Ave. | Min |
| LANG SAC |       |      |      |      |       |      |      |     |       |      |      |     |             |      |      |     |
| Jan      |       |      |      |      | Jan   |      |      |     | Jan   |      |      |     | Jan         | 8.1  | 4.9  | 2.2 |
| Feb      | 10.8  | 7.5  | 4.3  |      | Feb   |      |      |     | Feb   |      |      |     | Feb         | 10.1 | 7.3  | 3.4 |
| Mar      | 15.5  | 11.4 | 9.3  |      | Mar   | 13.2 | 9.9  | 6.5 | Mar   |      |      |     | Mar         | 10.9 | 9.5  | 4.3 |
| Apr      | 12.8  | 10.0 | 7.2  |      | Apr   | 10.6 | 9.8  | 7.6 | Apr   |      |      |     | Apr         | 11.4 | 9.5  | 5.2 |
| May      | 7.4   | 6.2  | 2.8  |      | May   | 10.3 | 8.6  | 6.6 | May   |      |      |     | May         | 10.4 | 6.0  | 5.3 |
| Jun      | 4.7   | 4.1  | 3.5  |      | Jun   | 4.6  | 3.4  | 2.4 | Jun   |      |      |     | Jun         | 1.9  | 0.9  | 0.3 |
| CAU QUAN |       |      |      |      |       |      |      |     |       |      |      |     |             |      |      |     |
| Jan      |       |      |      |      | Jan   |      |      |     | Jan   | 1.1  | 0.7  | 0.3 | Jan         |      |      |     |
| Feb      | 0.2   | 0.1  | 0.1  |      | Feb   |      |      |     | Feb   | 1.6  | 0.9  | 0.3 | Feb         |      |      |     |
| Mar      | 3.2   | 1.7  | 1.1  |      | Mar   | 2.9  | 0.9  | 0.2 | Mar   | 2.4  | 1.3  | 0.5 | Mar         |      |      |     |
| Apr      | 3.3   | 2.0  | 0.8  |      | Apr   | 2.4  | 1.0  | 0.3 | Apr   |      |      |     | Apr         |      |      |     |
| May      |       |      |      |      | May   | 1.9  | 0.8  | 0.4 | May   |      |      |     | May         |      |      |     |
| Jun      |       |      |      |      | Jun   | 0.3  | 0.2  | 0.2 | Jun   |      |      |     | Jun         |      |      |     |
| LONG PHU |       |      |      |      |       |      |      |     |       |      |      |     |             |      |      |     |
| Jan      |       |      |      |      | Jan   |      |      |     | Jan   |      |      |     | Jan         |      |      |     |
| Feb      | 1.4   | 2.7  | 0.3  |      | Feb   |      |      |     | Feb   |      |      |     | Feb         |      |      |     |
| Mar      | 4.6   | 3.8  | 1.7  |      | Mar   |      |      |     | Mar   |      |      |     | Mar         |      |      |     |
| Apr      | 5.1   | 3.6  | 1.8  |      | Apr   |      |      |     | Apr   |      |      |     | Apr         |      |      |     |
| May      | 1.5   | 0.6  | 0.2  |      | May   |      |      |     | May   |      |      |     | May         |      |      |     |
| Jun      | 1.1   | 0.4  | 0.1  |      | Jun   |      |      |     | Jun   |      |      |     | Jun         |      |      |     |
| DAI NGAI |       |      |      |      |       |      |      |     |       |      |      |     |             |      |      |     |
| Jan      |       |      |      |      | Jan   |      |      |     | Jan   | 1.9  | 0.5  | 0.2 | Jan         | 0.8  | 0.4  | 0.1 |
| Feb      | 0.4   | 0.4  | 0.1  |      | Feb   | 0.2  | 0.1  | 0.1 | Feb   | 1.4  | 0.9  | 0.5 | Feb         | 1.9  | 1.1  | 0.6 |
| Mar      | 2.0   | 1.1  | 0.4  |      | Mar   | 2.3  | 1.6  | 0.9 | Mar   | 1.9  | 1.1  | 0.4 | Mar         | 3.2  | 2.1  | 1.1 |
| Apr      | 2.9   | 1.9  | 0.3  |      | Apr   | 2.2  | 1.8  | 0.3 | Apr   | 3.1  | 1.9  | 1.0 | Apr         | 3.6  | 2.2  | 1.3 |
| May      | 0.8   | 0.5  | 0.1  |      | May   | 1.9  | 0.9  | 0.2 | May   | 3.7  | 2.3  | 1.3 | May         | 2.6  | 1.5  | 0.7 |
| Jun      | 0.2   | 0.1  | 0.1  |      | Jun   | 0.2  | 0.1  | 0.1 | Jun   | 0.3  | 0.2  | 0.1 | Jun         | 1.3  | 0.4  | 0.1 |
| ANL TAY  |       |      |      |      |       |      |      |     |       |      |      |     |             |      |      |     |
| Jan      |       |      |      |      | Jan   |      |      |     | Jan   |      |      |     | Jan         |      |      |     |
| Feb      |       |      |      |      | Feb   |      |      |     | Feb   | 0.2  | 0.1  | 0.1 | Feb         | 0.2  | 0.1  | 0.1 |
| Mar      | 0.3   | 0.2  | 0.1  |      | Mar   | 0.3  | 0.1  | 0.1 | Mar   | 0.2  | 0.1  | 0.1 | Mar         | 0.3  | 0.2  | 0.1 |
| Apr      | 0.3   | 0.2  | 0.1  |      | Apr   | 0.3  | 0.2  | 0.1 | Apr   | 0.7  | 0.4  | 0.1 | Apr         | 0.4  | 0.3  | 0.1 |
| May      | 0.4   | 0.2  | 0.1  |      | May   |      |      |     | May   | 0.6  | 0.3  | 0.1 | May         | 0.4  | 0.2  | 0.1 |
| Jun      |       |      |      |      | Jun   |      |      |     | Jun   |      |      |     | Jun         |      |      |     |

Source: Nguyen Dinh Tien (1992), Analysis of Salinity Intrusion Length, Program of Salinity Intrusion Studies Phase III

**Table 4.13 Comparison of Monthly Average Salinity Records along the Mekong Delta Branches in 1985-1990 (4/4)**

River: Cua Tieu branch

| Station                          | 1985  |      |      | 1986 |       |      | 1989 |      |       | 1990 |      |     | (Unit: g/l) |      |      |     |
|----------------------------------|-------|------|------|------|-------|------|------|------|-------|------|------|-----|-------------|------|------|-----|
|                                  | Month | Max  | Ave. | Min  | Month | Max  | Ave. | Min  | Month | Max  | Ave. | Min | Month       | Max  | Ave. | Min |
| Vam Kinh (12 km from rivermouth) |       |      |      |      |       |      |      |      |       |      |      |     |             |      |      |     |
| Jan                              | -     | -    | -    |      | Jan   | 9.9  | 6.3  | 2.6  | Jan   | -    | -    | -   | Jan         | 10.6 | 7.2  | 3.7 |
| Feb                              | 12.0  | 9.7  | 5.8  |      | Feb   | 13.8 | 10.3 | 5.8  | Feb   | -    | -    | -   | Feb         | 14.6 | 10.1 | 8.0 |
| Mar                              | 19.5  | 14.8 | 10.0 |      | Mar   | 18.5 | 14.7 | 10.9 | Mar   | -    | -    | -   | Mar         | 17.5 | 12.5 | 9.9 |
| Apr                              | 18.4  | 15.3 | 11.7 |      | Apr   | 22.9 | 17.4 | 15.1 | Apr   | -    | -    | -   | Apr         | 16.0 | 13.5 | 9.2 |
| May                              | 11.0  | 8.3  | 5.6  |      | May   | 15.9 | 12.8 | 9.3  | May   | -    | -    | -   | May         | 12.2 | 10.3 | 8.5 |
| Jun                              | 7.7   | 5.4  | 2.8  |      | Jun   | 10.3 | 6.8  | 3.5  | Jun   | -    | -    | -   | Jun         | 8.3  | 6.5  | 4.4 |
| Hoa Binh (23 km from rivermouth) |       |      |      |      |       |      |      |      |       |      |      |     |             |      |      |     |
| Jan                              | -     | -    | -    |      | Jan   | -    | -    | -    | Jan   | -    | -    | -   | Jan         | 1.3  | 0.9  | 0.4 |
| Feb                              | -     | -    | -    |      | Feb   | 5.8  | 4.1  | 0.7  | Feb   | -    | -    | -   | Feb         | 6.1  | 4.7  | 1.1 |
| Mar                              | -     | -    | -    |      | Mar   | 9.8  | 6.3  | 2.0  | Mar   | -    | -    | -   | Mar         | 8.6  | 6.8  | 5.7 |
| Apr                              | -     | -    | -    |      | Apr   | 11.8 | 9.5  | 5.3  | Apr   | -    | -    | -   | Apr         | 10.2 | 8.3  | 5.3 |
| May                              | -     | -    | -    |      | May   | 8.0  | 5.7  | 3.3  | May   | -    | -    | -   | May         | 9.0  | 7.5  | 5.9 |
| Jun                              | -     | -    | -    |      | Jun   | 1.6  | 0.7  | 0.2  | Jun   | -    | -    | -   | Jun         | 2.7  | 2.0  | 1.2 |
| Xuan Hoa (44 km from rivermouth) |       |      |      |      |       |      |      |      |       |      |      |     |             |      |      |     |
| Jan                              | -     | -    | -    |      | Jan   | -    | -    | -    | Jan   | -    | -    | -   | Jan         | -    | -    | -   |
| Feb                              | 0.6   | 0.4  | 0.1  |      | Feb   | -    | -    | -    | Feb   | -    | -    | -   | Feb         | -    | -    | -   |
| Mar                              | 1.8   | 0.9  | 0.3  |      | Mar   | 1.4  | 0.9  | 0.3  | Mar   | -    | -    | -   | Mar         | 2.8  | 1.5  | 0.5 |
| Apr                              | 2.2   | 1.4  | 0.6  |      | Apr   | 3.5  | 2.2  | 0.9  | Apr   | -    | -    | -   | Apr         | 3.1  | 2.0  | 0.8 |
| May                              | 1.2   | 0.8  | 0.2  |      | May   | 2.8  | 2.4  | 0.9  | May   | -    | -    | -   | May         | 3.5  | 2.4  | 1.1 |
| Jun                              | -     | -    | -    |      | Jun   | -    | -    | -    | Jun   | -    | -    | -   | Jun         | -    | -    | -   |

Source: Nguyen Dinh Tien (1992), Analysis of Salinity Intrusion Length, Program of Salinity Intrusion Studies Phase III

**Table 4.17 Water Quality Monitoring Results of Mekong River in Vietnam in  
1997-1999**

Unit: mg/l

| Month | Tan Chau |       |     |       |      |      | My Tho |       |     |       |      |      |
|-------|----------|-------|-----|-------|------|------|--------|-------|-----|-------|------|------|
|       | PH       | TSS   | DO  | COD   | T-N  | T-P  | PH     | TSS   | DO  | COD   | T-N  | T-P  |
| Jan   | 7.2      | 12.4  | 8.0 | 3.04  | 0.90 | 0.16 | 7.6    | 18.5  | 5.9 | 2.84  | 0.50 | 0.10 |
|       | 7.4      | 7.0   | 6.8 | 2.48  | 0.97 | 0.13 | 7.2    | 12.5  | 5.8 | 3.40  | 1.44 | 0.11 |
|       | 7.3      | 10.5  | 7.3 | 8.34  | 0.43 | 0.18 | 7.5    | 23.0  | 7.1 | 7.49  | 1.59 | 0.64 |
| Feb   | 7.4      | 14.0  | 6.9 | 5.85  | 0.60 | 0.26 | 7.1    | 15.5  | 6.2 | 5.85  | 0.41 | 0.31 |
|       | 7.3      | 10.0  | 7.5 | 1.84  | 0.54 | 0.37 | 7.3    | 27.6  | 7.3 | 3.68  | 1.10 | 1.43 |
|       | 7.3      | 1.5   | 7.4 | 7.35  | 0.39 | 0.26 | 7.2    | 7.2   | 7.2 | 6.30  | 0.59 | 0.19 |
| Mar   | 7.7      | 1.6   | 7.1 | 0.65  | 0.71 | 0.13 | 7.7    | 23.6  | 6.1 | 1.50  | 0.61 | 0.33 |
|       | 7.9      | 34.3  | 7.1 | 1.12  | 0.51 | 0.21 | 7.4    | 61.0  | 6.7 | 2.56  | 0.13 | 0.27 |
|       | 7.6      | 2.8   | 9.3 | 6.43  | 0.62 | 0.08 | 7.2    | 172.4 | 7.5 | 5.12  | 1.22 | 0.08 |
| Apr   | 7.5      | 13.0  | 6.4 | 2.36  | 0.07 | 0.12 | 7.1    | 30.0  | 5.0 | 3.70  | 0.17 | 0.34 |
|       | 7.6      | 12.5  | 7.5 | 1.80  | 1.23 | 0.54 | 7.4    | 54.8  | 6.8 | 1.60  | 1.38 | 0.34 |
|       | 7.9      | 4.0   | 7.2 | 6.02  | 0.68 | 0.07 | 7.2    | 10.4  | 7.0 | 6.34  | 0.97 | 0.06 |
| May   | 8.0      | 8.8   | 7.8 | 0.80  | 0.32 | 0.12 | 7.6    | 38.0  | 6.0 | 1.88  | 0.39 | 0.17 |
|       | 8.2      | 19.6  | 6.6 | 2.32  | 0.54 | 0.10 | 7.9    | 61.0  | 4.9 | 5.68  | 1.14 | 0.15 |
|       | 7.5      | 20.4  | 7.3 | 5.84  | 0.99 | 0.06 | 7.0    | 109.6 | 7.0 | 6.82  | 1.27 | 0.16 |
| Jun   | 7.3      | 35.6  | 7.8 | 1.40  | 0.34 | 0.44 | 7.2    | 18.8  | 5.3 | 1.24  | 0.45 | 0.19 |
|       | 7.8      | 3.3   | 6.8 | 0.90  | 1.03 | 0.21 | 7.6    | 60.8  | 5.4 | 0.86  | 0.91 | 0.24 |
|       | 7.0      | 93.2  | 7.2 | 1.96  | 1.08 | 0.13 | 7.0    | 97.2  | 7.0 | 4.43  | 1.89 | 0.16 |
| Jul   | 7.6      | 148.0 | 7.2 | 4.92  | 0.80 | 0.05 | 7.4    | 63.0  | 6.2 | 3.12  | 0.90 | 0.05 |
|       | 7.7      | 84.0  | 6.6 | 1.32  | 0.85 | 0.20 | 7.4    | 27.0  | 5.7 | 0.90  | 1.03 | 0.14 |
|       | 7.2      | 65.0  | 7.2 | 1.98  | 0.97 | 0.06 | 7.2    | 34.0  | 3.4 | 4.25  | 3.42 | 0.03 |
| Aug   | 7.2      | 142.0 | 7.7 | 11.03 | 0.54 | 0.21 | 7.0    | 94.0  | 6.4 | 10.54 | 1.49 | 0.20 |
|       | 7.6      | 162.0 | 7.2 | 1.64  | 0.21 | 0.16 | 7.2    | 142.5 | 6.3 | 2.76  | 0.28 | 0.13 |
|       | 7.2      | 117.5 | 7.2 | 2.05  | 3.01 | 0.06 | 7.6    | 35.5  | 2.6 | 1.54  | 3.66 | 0.13 |
| Sep   | 7.4      | 258.0 | 7.7 | 4.52  | 1.13 | 0.84 | 6.9    | 48.0  | 6.4 | 1.88  | 1.05 | 0.45 |
|       | 7.5      | 327.0 | 7.7 | 0.80  | 1.41 | 0.27 | 7.4    | 116.0 | 7.2 | 2.36  | 1.34 | 0.16 |
|       | 7.4      | 535.0 | 5.9 | 2.58  | 1.63 | 0.43 | 7.0    | 57.0  | 8.5 | 1.86  | 3.21 | 0.45 |
| Oct   | 7.2      | 167.0 | 7.8 | 3.03  | 0.99 | 0.12 | 7.0    | 32.0  | 4.8 | 2.83  | 1.01 | 0.26 |
|       | 7.0      | 69.0  | 6.9 | 1.16  | 0.99 | 0.19 | 7.1    | 41.5  | 6.4 | 2.48  | 1.10 | 2.10 |
|       | 7.4      | 86.0  | 5.8 | 1.70  | 1.39 | 0.18 | 7.1    | 42.0  | 9.6 | 1.94  | 0.89 | 0.17 |
| Nov   | 6.9      | 55.5  | 6.3 | 2.28  | 1.24 | 0.80 | 6.9    | 70.0  | 4.5 | 2.68  | 2.06 | 0.02 |
|       | 7.5      | 216.5 | 6.5 | 0.62  | 2.23 | 0.32 | 7.0    | 36.0  | 6.4 | 0.91  | 2.01 | 0.69 |
| Dec   | 7.5      | 18.8  | 8.0 | 2.28  | 0.88 | 0.33 | 7.2    | 25.2  | 7.6 | 2.96  | 2.66 | 0.37 |
|       | 7.0      | 23.0  | 6.6 | 0.89  | 1.13 | 0.23 | 6.8    | 52.0  | 6.3 | 1.30  | 4.21 | 0.53 |

Source: Water Quality Monitoring Results in Vietnam, Sub-Institute for Water Resources Planning, 2000

**Table 4.18 Water Quality Monitoring Results of Bassac River in Vietnam in 1997-1999**

Unit: mg/l

| Month | Chau Doc |      |     |       |      |      | Can Tho |       |      |       |      |      |
|-------|----------|------|-----|-------|------|------|---------|-------|------|-------|------|------|
|       | PH       | TSS  | DO  | COD   | T-N  | T-P  | PH      | TSS   | DO   | COD   | T-N  | T-P  |
| Jan   | 7.2      | 26.0 | 8.3 | 6.16  | 2.16 | 0.19 | 7.5     | 21.0  | 8.1  | 3.24  | 0.73 | 0.08 |
|       | 6.9      | 22.0 | 6.5 | 3.40  | 1.36 | 0.11 | 7.3     | 15.6  | 5.9  | 2.72  | 1.10 | 0.10 |
|       | 7.3      | 6.0  | 7.1 | 7.49  | 0.50 | 0.38 | 7.4     | 24.0  | 7.0  | 10.40 | 0.56 | 0.52 |
| Feb   | 7.2      | 34.4 | 7.1 | 4.25  | 0.53 | 0.29 | 7.2     | 14.0  | 7.0  | 7.50  | 0.38 | 0.31 |
|       | 7.3      | 19.6 | 6.5 | 2.40  | 0.90 | 1.78 | 7.3     | 6.0   | 17.1 | 2.96  | 1.04 | 0.88 |
|       | 7.0      | 10.4 | 7.3 | 6.70  | 0.59 | 0.27 | 7.3     | 7.6   | 7.5  | 5.21  | 0.78 | 0.16 |
| Mar   | 7.8      | 5.6  | 7.1 | 1.55  | 0.37 | 0.24 | 7.7     | 32.4  | 6.7  | 2.40  | 0.42 | 0.45 |
|       | 7.6      | 3.2  | 7.2 | 1.44  | 0.53 | 0.28 | 7.7     | 7.2   | 7.1  | 1.80  | 0.25 | 0.15 |
|       | 7.5      | 6.8  | 8.8 | 5.20  | 0.70 | 0.06 | 7.5     | 6.8   | 8.8  | 5.20  | 0.70 | 0.06 |
| Apr   | 6.8      | 12.0 | 7.0 | 4.57  | 0.11 | 0.21 | 7.2     | 45.0  | 6.3  | 3.15  | 0.15 | 0.26 |
|       | 8.1      | 3.2  | 7.1 | 2.96  | 0.60 | 0.14 | 8.1     | 7.2   | 5.4  | 4.96  | 0.87 | 0.07 |
|       | 7.3      | 5.6  | 7.3 | 7.20  | 0.66 | 0.07 | 7.5     | 12.0  | 7.5  | 4.53  | 0.76 | 0.06 |
| May   | 7.0      | 10.4 | 5.4 | 2.56  | 0.56 | 0.12 | 7.6     | 10.0  | 5.9  | 1.44  | 0.40 | 0.09 |
|       | 7.4      | 12.5 | 7.8 | 1.96  | 1.19 | 0.32 | 7.8     | 12.5  | 6.6  | 1.80  | 1.00 | 0.26 |
|       | 7.2      | 6.0  | 7.1 | 8.21  | 0.92 | 0.10 | 7.3     | 26.0  | 7.2  | 4.98  | 0.96 | 0.08 |
| Jun   | 7.2      | 28.5 | 7.9 | 1.64  | 0.41 | 0.49 | 7.2     | 37.6  | 6.2  | 1.76  | 0.43 | 0.39 |
|       | 7.5      | 7.2  | 6.9 | 0.84  | 1.26 | 0.22 | 7.4     | 14.0  | 6.0  | 0.99  | 1.45 | 0.22 |
|       | 7.1      | 53.2 | 7.1 | 1.92  | 1.02 | 0.12 | 7.0     | 48.8  | 6.8  | 3.76  | 0.94 | 0.29 |
| Jul   | 7.8      | 63.0 | 6.5 | 4.24  | 0.77 | 0.05 | 7.7     | 85.0  | 5.7  | 4.32  | 0.83 | 0.05 |
|       | 7.5      | 22.0 | 6.8 | 1.44  | 0.88 | 0.17 | 7.7     | 75.0  | 6.5  | 1.86  | 0.92 | 0.21 |
|       | 7.0      | 3.0  | 6.6 | 1.96  | 0.81 | 0.03 | 7.3     | 11.5  | 6.4  | 3.22  | 1.04 | 0.06 |
| Aug   | 7.2      | 96.0 | 6.6 | 10.83 | 0.63 | 0.18 | 7.1     | 86.0  | 4.5  | 10.42 | 0.73 | 0.19 |
|       | 7.3      | 75.7 | 7.1 | 1.84  | 0.28 | 0.15 | 7.4     | 96.0  | 7.4  | 1.72  | 0.25 | 0.16 |
|       | 7.2      | 32.0 | 6.6 | 0.96  | 2.95 | 0.05 | 7.2     | 53.0  | 6.5  | 1.48  | 2.55 | 0.07 |
| Sep   | 7.1      | 45.0 | 6.6 | 2.84  | 0.92 | 0.40 | 6.9     | 32.0  | 4.6  | 2.12  | 1.00 | 0.37 |
|       | 7.3      | 77.0 | 7.4 | 1.24  | 1.25 | 0.26 | 7.5     | 123.0 | 7.0  | 1.04  | 1.22 | 0.20 |
|       | 7.4      | 40.0 | 8.9 | 0.85  | 0.93 | 0.17 | 7.6     | 35.0  | 8.1  | 1.53  | 1.47 | 0.25 |
| Oct   | 7.2      | 32.0 | 7.3 | 2.12  | 0.94 | 0.08 | 7.1     | 37.0  | 5.4  | 2.41  | 0.81 | 0.08 |
|       | 6.7      | 24.5 | 6.9 | 2.28  | 1.02 | 0.14 | 7.2     | 23.0  | 6.8  | 2.32  | 0.94 | 0.17 |
|       | 7.3      | 33.0 | 4.8 | 0.97  | 1.41 | 0.17 | 7.2     | 147.0 | 5.0  | 1.45  | 3.60 | 0.17 |
| Nov   | 7.2      | 12.0 | 6.3 | 2.32  | 1.20 | 0.60 | 6.9     | 25.4  | 4.6  | 2.56  | 1.50 | 0.66 |
|       | 7.3      | 12.0 | 7.0 | 1.14  | 2.06 | 0.23 | 7.5     | 16.0  | 6.8  | 1.41  | 2.39 | 0.17 |
|       | 7.0      | 6.0  | 7.2 | 3.64  | 1.22 | 0.53 | 7.1     | 21.6  | 7.4  | 3.60  | 1.43 | 0.49 |
| Dec   | 7.3      | 10.5 | 7.3 | 1.39  | 1.67 | 0.30 | 7.1     | 17.0  | 7.1  | 0.89  | 0.98 | 0.30 |

Source: Water Quality Monitoring Results in Vietnam, Sub-Institute for Water Resources Planning, 2000

**Table 4.19 Water Quality Monitoring Results of Mekong River in Cambodia in  
1996-1998**

Unit: mg/l

| Month | Chau Doc |       |     |     |      |      | Can Tho |       |     |     |      |      |
|-------|----------|-------|-----|-----|------|------|---------|-------|-----|-----|------|------|
|       | PH       | TSS   | DO  | COD | T-N  | T-P  | PH      | TSS   | DO  | COD | T-N  | T-P  |
| Jan   | 8.4      | 1.3   | 6.5 | 0.9 | 0.29 | 0.02 | 8.2     | 3.0   | 7.6 | 0.8 | 0.40 | 0.02 |
|       | 7.5      | 12.5  | 8.0 | 1.7 | 0.45 | 0.02 | 7.6     | 7.0   | 7.8 | 3.2 | 0.83 | 0.02 |
|       | 8.2      | 2.5   | 7.3 | 2.2 | 0.60 | 0.02 | 8.0     | 4.0   | 7.4 | 1.6 | 0.25 | 0.01 |
| Feb   | 7.2      | 0.0   | 8.0 | 2.8 | 0.21 | 0.01 | 8.2     | 0.0   | 7.5 | 0.9 | 0.06 | 0.01 |
|       | 7.3      | 40.0  | 7.2 | 1.5 | 0.18 | 0.02 | 6.4     | 62.0  | 7.2 | 4.7 | 0.43 | 0.03 |
|       | 8.2      | 6.7   | 7.3 | 1.7 | 0.65 | 0.01 | 8.0     | 5.0   | 7.2 | 1.6 | 0.43 | 0.02 |
| Mar   | 7.9      | 3.0   | 7.3 | 3.0 | 0.65 | 0.01 | 8.1     | 1.0   | 7.4 | 0.6 | 0.07 | 0.02 |
|       | 7.3      | 15.0  | 7.2 | 2.8 | 0.70 | 0.04 | 7.1     | 7.0   | 6.8 | 1.8 | 0.20 | 0.02 |
|       | 8.1      | 5.0   | 7.6 | 1.6 | 0.70 | 0.01 | 8.1     | 3.3   | 7.3 | 1.2 | 0.95 | 0.01 |
| Apr   | 7.2      | 6.5   | 7.0 | 1.9 | 0.31 | 0.01 | 7.6     | 2.0   | 7.1 | 1.1 | 0.12 | 0.01 |
|       | 7.1      | 2.0   | 7.2 | 1.5 | 0.40 | 0.01 | 7.3     | 14.0  | 7.3 | 2.9 | 0.35 | 0.02 |
|       | 8.4      | 0.3   | 8.8 | 1.5 | 0.19 | 0.01 | 8.4     | 9.2   | 9.0 | 1.4 | 0.15 | 0.02 |
| May   | 7.2      | 15.0  | 6.3 | 2.8 | 0.31 | 0.03 | 7.4     | 50.0  | 6.2 | 3.3 | 0.69 | 0.04 |
|       | 7.5      | 6.7   | 7.4 | 1.4 | 0.20 | 0.01 | 7.5     | 3.3   | 7.4 | 1.6 | 0.28 | 0.01 |
|       | 8.3      | 6.7   | 6.8 | 1.3 | 0.58 | 0.01 | 8.1     | 7.5   | 7.4 | 2.5 | 0.05 | 0.01 |
| Jun   | 6.6      | 47.5  | 6.6 | 2.5 | 0.27 | 0.02 | 7.0     | 35.0  | 6.7 | 1.8 | 0.76 | 0.04 |
|       | 7.6      | 12.7  | 6.7 | 2.9 | 0.23 | 0.01 | 7.4     | 98.0  | 6.6 | 3.7 | 0.75 | 0.03 |
|       | 7.2      | 14.0  | 6.8 | 3.8 | 0.76 | 0.03 | 7.7     | 2.0   | 6.3 | 2.1 | 1.27 | 0.04 |
| Jul   | 7.6      | 185.5 | 6.8 | 1.0 | 1.41 | 0.02 | 7.2     | 100.0 | 6.6 | 1.3 | 0.80 | 0.03 |
|       | 7.4      | 160.0 | 7.4 | 2.1 | 0.70 | 0.04 | 7.8     | 140.0 | 6.9 | 2.6 | 1.23 | 0.05 |
| Aug   | 6.7      | 504.0 | 7.0 | 1.7 | 1.09 | 0.05 | 6.9     | 228.0 | 6.7 | 1.4 | 2.20 | 0.04 |
|       | 7.1      | 270.0 | 7.3 | 2.3 | 1.50 | 0.04 | 7.4     | 185.0 | 7.6 | 2.2 | 0.25 | 0.04 |
| Sep   | 6.5      | 368.0 | 6.9 | 3.1 | 0.65 | 0.06 | 6.7     | 488.0 | 6.9 | 3.3 | 0.40 | 0.05 |
|       | 7.5      | 347.0 | 7.4 | 1.1 | 1.10 | 0.06 | 7.4     | 185.0 | 7.6 | 2.2 | 0.30 | 0.03 |
| Oct   | 6.5      | 155.0 | 7.4 | 1.8 | 0.62 | 0.01 | 7.0     | 65.0  | 6.9 | 1.9 | 0.46 | 0.01 |
|       | 7.1      | 317.5 | 7.5 | 1.9 | 0.71 | 0.04 | 7.5     | 24.0  | 7.3 | 1.5 | 0.95 | 0.03 |
| Nov   | 7.1      | 87.0  | 7.5 | 4.0 | 0.77 | 0.02 | 7.3     | 47.0  | 7.3 | 4.4 | 0.50 | 0.03 |
|       | 7.8      | 60.0  | 7.3 | 1.2 | 0.83 | 0.03 | 7.7     | 28.0  | 7.3 | 1.6 | 0.68 | 0.03 |
| Dec   | 7.1      | 84.0  | 7.9 | 1.7 | 0.48 | 0.02 | 7.2     | 28.0  | 7.6 | 2.5 | 0.59 | 0.01 |
|       | 7.9      | 8.0   | 8.1 | 1.0 | 0.53 | 0.02 | 7.8     | 3.0   | 7.6 | 1.4 | 0.35 | 0.02 |

Source: Water Quality Monitoring Results in Cambodia, Ministry of Water Resources and Meteorology, 1999

**Table 4.20 Water Quality Monitoring Results of Mekong and Bassac Rivers in Cambodia in 1996-1998**

Unit: mg/l

| Month | Chau Doc |       |     |     |      |      | Can Tho |       |      |     |       |      |
|-------|----------|-------|-----|-----|------|------|---------|-------|------|-----|-------|------|
|       | PH       | TSS   | DO  | COD | T-N  | T-P  | PH      | TSS   | DO   | COD | T-N   | T-P  |
| Jan   | 7.9      | 12.7  | 6.5 | 2.4 | 0.42 | 0.02 | 7.5     | 8.0   | 5.3  | 3.5 | 0.40  | 0.02 |
|       | 7.4      | 8.6   | 5.9 | 3.1 | 0.53 | 0.02 | 6.9     | 11.0  | 4.4  | 4.0 | 0.80  | 0.02 |
|       | 7.5      | 7.0   | 6.4 | 2.8 | 0.38 | 0.01 | 7.3     | 8.7   | 6.7  | 5.5 | 0.58  | 0.02 |
| Feb   | 7.9      | 1.3   | 7.3 | 2.2 | 0.31 | 0.02 | 7.4     | 15.0  | 6.9  | 3.9 | 56.00 | 0.02 |
|       | 7.0      | 11.0  | 5.9 | 2.9 | 0.18 | 0.01 | 6.9     | 14.0  | 5.1  | 4.2 | 4.00  | 0.03 |
|       | 7.6      | 4.0   | 6.4 | 3.2 | 0.53 | 0.02 | 7.4     | 10.0  | 7.4  | 5.5 | 0.90  | 0.02 |
| Mar   | 8.1      | 4.0   | 7.0 | 1.3 | 0.27 | 0.03 | 7.2     | 3.0   | 6.7  | 3.4 | 0.84  | 0.03 |
|       | 7.2      | 9.0   | 5.6 | 6.1 | 0.43 | 0.01 | 7.2     | 6.0   | 7.3  | 5.4 | 0.78  | 0.02 |
|       | 7.8      | 5.0   | 7.3 | 2.9 | 0.63 | 0.02 | 7.5     | 10.0  | 9.0  | 6.1 | 1.25  | 0.02 |
| Apr   | 7.9      | 0.0   | 6.9 | 1.2 | 0.39 | 0.01 | 7.4     | 7.0   | 6.6  | 5.4 | 1.19  | 0.02 |
|       | 7.2      | 12.0  | 6.9 | 1.1 | 0.43 | 0.02 | 6.7     | 24.0  | 6.6  | 5.9 | 1.20  | 0.03 |
|       | 8.6      | 2.0   | 9.0 | 1.6 | 0.19 | 0.01 | 7.9     | 9.0   | 8.2  | 5.9 | 0.65  | 0.02 |
| May   | 7.8      | 25.0  | 6.5 | 1.9 | 0.84 | 0.03 | 7.4     | 22.0  | 6.1  | 1.4 | 0.85  | 0.03 |
|       | 7.2      | 4.0   | 7.4 | 1.1 | 0.58 | 0.01 | 8.2     | 16.0  | 11.0 | 5.9 | 0.43  | 0.03 |
|       | 8.3      | 0.4   | 7.8 | 1.7 | 0.08 | 0.01 | 7.3     | 4.0   | 6.0  | 2.7 | 0.65  | 0.01 |
| Jun   | 7.1      | 55.0  | 6.6 | 1.8 | 0.68 | 0.05 | 7.1     | 30.0  | 6.4  | 2.2 | 0.82  | 0.08 |
|       | 7.8      | 17.0  | 6.8 | 2.7 | 0.80 | 0.02 | 7.5     | 11.0  | 7.1  | 2.1 | 1.00  | 0.03 |
|       | 7.9      | 51.5  | 6.6 | 2.4 | 1.15 | 0.04 | 7.9     | 68.0  | 6.2  | 1.6 | 1.48  | 0.04 |
| Jul   | 7.6      | 120.0 | 6.7 | 1.5 | 1.00 | 0.04 | 7.5     | 595.0 | 6.5  | 1.2 | 0.78  | 0.04 |
|       | 7.4      | 250.0 | 6.8 | 2.4 | 1.10 | 0.05 | 7.3     | 180.0 | 6.7  | 2.0 | 1.08  | 0.07 |
| Aug   | 7.2      | 360.0 | 6.5 | 1.6 | 0.95 | 0.05 | 7.3     | 368.0 | 6.5  | 1.6 | 1.42  | 0.05 |
|       | 7.4      | 184.0 | 7.1 | 2.5 | 2.15 | 0.04 | 7.5     | 415.0 | 7.1  | 3.0 | 1.75  | 0.03 |
| Sep   | 6.3      | 596.0 | 6.7 | 2.4 | 0.52 | 0.03 | 6.6     | 169.6 | 6.9  | 2.7 | 0.71  | 0.04 |
|       | 7.4      | 263.0 | 7.2 | 0.9 | 0.88 | 0.07 | 7.6     | 290.0 | 7.1  | 1.0 | 0.85  | 0.07 |
| Oct   | 7.1      | 100.0 | 6.3 | 1.9 | 0.47 | 0.02 | 7.0     | 247.0 | 4.3  | 2.8 | 0.43  | 0.02 |
|       | 7.2      | 160.0 | 7.1 | 1.4 | 0.68 | 0.02 | 7.2     | 18.0  | 4.6  | 2.2 | 0.43  | 0.01 |
| Nov   | 7.2      | 110.0 | 6.4 | 4.7 | 0.17 | 0.02 | 7.2     | 86.0  | 5.2  | 4.2 | 0.22  | 0.02 |
|       | 7.4      | 17.0  | 6.7 | 2.8 | 0.55 | 0.03 | 7.2     | 17.0  | 5.6  | 3.9 | 0.43  | 0.01 |
| Dec   | 7.3      | 28.0  | 6.6 | 2.8 | 0.66 | 0.03 | 7.3     | 42.0  | 5.3  | 2.7 | 0.50  | 0.04 |
|       | 7.4      | 4.1   | 6.3 | 2.6 | 0.50 | 0.01 | 7.0     | 1.0   | 5.4  | 3.2 | 0.48  | 0.02 |

Source: Water Quality Monitoring Results in Cambodia, Ministry of Water Resources and Meteorology, 1999

**Table 5.15 Daily Discharges in the Mekong Delta under Intermediate Stage Discharge Measurement Campaign in 1992**

(unit: m<sup>3</sup>/s)

| Date  |     | Measuring Station |          |         |          |         |
|-------|-----|-------------------|----------|---------|----------|---------|
| Month | Day | Tan Chau          | Chau Doc | Van Nao | My Thuan | Can Tho |
| June  | 10  | 3,866             | 525      | 1,179   | 2,504    | 5,502   |
|       | 11  | 4,434             | 407      | 1,049   | 4,511    | 1,825   |
|       | 12  | 4,625             | 471      | 1,258   | 2,060    | 1,999   |
|       | 13  | 4,631             | 459      | 1,255   | 2,005    | 1,533   |
|       | 14  | 4,826             | 598      | 1,323   | 2,564    | 1,692   |
|       | 15  | 4,921             | 622      | 1,375   | 2,217    | 1,609   |
|       | 16  | 5,182             | 722      | 1,578   | 2,853    | 2,161   |
|       | 17  | 5,397             | 710      | 1,566   | 2,766    | 1,991   |
|       | 18  | 5,380             | 799      | 1,641   | 3,274    | 2,320   |
|       | 19  | 5,537             | 879      | 1,734   | 3,595    | 2,536   |
|       | 20  | 5,517             | 872      | 1,808   | 3,064    | 2,555   |
|       | 21  | 5,370             | 848      | 1,654   | 3,606    | 2,363   |
|       | 22  | 5,651             | 933      | 1,840   | 4,643    | 3,210   |
|       | 23  | 6,207             | 1,034    | 2,084   | 4,789    | 3,689   |
|       | 24  | 6,623             | 1,166    | 2,558   | 4,854    | 4,398   |
|       | 25  | 6,914             | 1,307    | 2,530   | 5,460    | 4,823   |
|       | 26  | 6,778             | 1,369    | 2,510   | 5,957    | 4,435   |
|       | 27  | 6,784             | 1,250    | 2,204   | 5,619    | 4,118   |
|       | 28  | 6,763             | 1,213    | 2,387   | 5,092    | 3,964   |
|       | 29  | 7,170             | 1,299    | 2,591   | 4,733    | 3,352   |
|       | 30  | 8,039             | 1,561    | 3,018   | 5,210    | 4,541   |
| July  | 1   | 8,581             | 1,805    | 3,420   | 5,403    | 5,731   |
|       | 2   | 8,455             | 1,873    | 3,345   | 5,551    | 5,375   |
|       | 3   | 8,249             | 1,747    | 3,286   | 5,564    | 5,301   |
|       | 4   | 7,697             | 1,675    | 3,184   | 3,400    | 5,402   |
|       | 5   | 7,470             | 1,655    | 3,027   | 5,495    | 5,147   |
|       | 6   | 7,410             | 1,605    | 3,035   | 6,112    | 5,690   |
|       | 7   | 7,467             | 1,570    | 2,972   | 5,457    | 5,991   |
|       | 8   | 7,096             | 1,493    | 2,888   | 5,554    | 5,580   |
|       | 9   | 6,875             | 1,423    | 3,203   | 5,721    | 5,444   |
|       | 10  | 6,899             | 1,428    | 2,935   | 5,459    | 5,598   |
|       | 11  | 6,420             | 1,272    | 2,370   | 4,000    | 4,213   |
|       | 12  | 6,038             | 1,215    | 2,307   | 4,324    | 4,161   |
|       | 13  | 6,177             | 1,132    | 2,523   | 4,254    | 3,537   |
|       | 14  | 6,324             | 1,215    | 2,312   | 4,421    | 4,019   |
|       | 15  | 6,656             | 1,332    | 2,511   | 2,603    | 4,530   |

Source: Mekong Secretariat and Institute of Meteorology and Hydrology (1992), Final Report and Precessed Interim Stage Discharge Measurement in the Mekong Delta

**Table 5.17 Flow Contribution Analysis Upstream of Phnom Penh in 1995-2001 (1/2)**

**Month: January**

| Year        | Chrui Changvar<br>(Mekong) |             | Phnom Penh Port<br>(Tonle Sap) |             | Phnom Penh<br>Discharge (upstream) |            |
|-------------|----------------------------|-------------|--------------------------------|-------------|------------------------------------|------------|
|             | m3/s                       | %           | m3/s                           | %           | m3/s                               | %          |
| 1995        | 3,886                      | 47.6        | 4,270                          | 52.4        | 8,156                              | 100        |
| 1996        | 3,831                      | 39.8        | 5,796                          | 60.2        | 9,626                              | 100        |
| 1997        | 4,722                      | 41.6        | 6,626                          | 58.4        | 11,348                             | 100        |
| 1998        | 3,435                      | 37.5        | 5,722                          | 62.5        | 9,157                              | 100        |
| 1999        | 3,084                      | 41.8        | 4,301                          | 58.2        | 7,384                              | 100        |
| 2000        | 4,309                      | 40.6        | 6,297                          | 59.4        | 10,606                             | 100        |
| 2001        | 4,484                      | 41.5        | 6,310                          | 58.5        | 10,794                             | 100        |
| <b>Mean</b> | <b>3,964</b>               | <b>41.5</b> | <b>5,617</b>                   | <b>58.5</b> | <b>9,582</b>                       | <b>100</b> |

**Month: February**

| Year        | Chrui Changvar<br>(Mekong) |             | Phnom Penh Port<br>(Tonle Sap) |             | Phnom Penh<br>Discharge (upstream) |            |
|-------------|----------------------------|-------------|--------------------------------|-------------|------------------------------------|------------|
|             | m3/s                       | %           | m3/s                           | %           | m3/s                               | %          |
| 1995        | 2,698                      | 47.9        | 2,940                          | 52.1        | 5,638                              | 100        |
| 1996        | 2,765                      | 40.0        | 4,151                          | 60.0        | 6,916                              | 100        |
| 1997        | 3,441                      | 41.3        | 4,893                          | 58.7        | 8,333                              | 100        |
| 1998        | 2,616                      | 39.1        | 4,074                          | 60.9        | 6,690                              | 100        |
| 1999        | 2,341                      | 44.6        | 2,911                          | 55.4        | 5,251                              | 100        |
| 2000        | 3,109                      | 40.2        | 4,624                          | 59.8        | 7,733                              | 100        |
| 2001        | 3,437                      | 42.7        | 4,619                          | 57.3        | 8,056                              | 100        |
| <b>Mean</b> | <b>2,915</b>               | <b>42.2</b> | <b>4,030</b>                   | <b>57.8</b> | <b>6,945</b>                       | <b>100</b> |

**Month: March**

| Year        | Chrui Changvar<br>(Mekong) |             | Phnom Penh Port<br>(Tonle Sap) |             | Phnom Penh<br>Discharge (upstream) |            |
|-------------|----------------------------|-------------|--------------------------------|-------------|------------------------------------|------------|
|             | m3/s                       | %           | m3/s                           | %           | m3/s                               | %          |
| 1995        | 2,245                      | 55.4        | 1,810                          | 44.6        | 4,056                              | 100        |
| 1996        | 2,452                      | 47.2        | 2,748                          | 52.8        | 5,200                              | 100        |
| 1997        | 2,594                      | 42.8        | 3,465                          | 57.2        | 6,060                              | 100        |
| 1998        | 2,183                      | 46.2        | 2,547                          | 53.8        | 4,730                              | 100        |
| 1999        | 1,802                      | 51.4        | 1,703                          | 48.6        | 3,505                              | 100        |
| 2000        | 2,863                      | 48.6        | 3,028                          | 51.4        | 5,891                              | 100        |
| 2001        | 3,143                      | 49.9        | 3,151                          | 50.1        | 6,294                              | 100        |
| <b>Mean</b> | <b>2,469</b>               | <b>48.8</b> | <b>2,636</b>                   | <b>51.2</b> | <b>5,105</b>                       | <b>100</b> |

Source: WUP-JICA Study Team

**Table 5.17 Flow Contribution Analysis Upstream of Phnom Penh in 1995-2001 (2/2)**

**Month: April**

| Year        | Chrui Changvar<br>(Mekong) |             | Phnom Penh Port<br>(Tonle Sap) |             | Phnom Penh<br>Discharge (upstream) |            |
|-------------|----------------------------|-------------|--------------------------------|-------------|------------------------------------|------------|
|             | m3/s                       | %           | m3/s                           | %           | m3/s                               | %          |
| 1995        | 2,022                      | 62.7        | 1,205                          | 37.3        | 3,227                              | 100        |
| 1996        | 3,028                      | 66.1        | 1,556                          | 33.9        | 4,584                              | 100        |
| 1997        | 3,024                      | 59.5        | 2,061                          | 40.5        | 5,085                              | 100        |
| 1998        | 2,214                      | 61.2        | 1,405                          | 38.8        | 3,619                              | 100        |
| 1999        | 2,111                      | 65.2        | 1,125                          | 34.8        | 3,237                              | 100        |
| 2000        | 2,941                      | 62.1        | 1,796                          | 37.9        | 4,737                              | 100        |
| 2001        | 3,332                      | 63.0        | 1,959                          | 37.0        | 5,291                              | 100        |
| <b>Mean</b> | <b>2,667</b>               | <b>62.8</b> | <b>1,587</b>                   | <b>37.2</b> | <b>4,254</b>                       | <b>100</b> |

**Month: May**

| Year        | Chrui Changvar<br>(Mekong) |             | Phnom Penh Port<br>(Tonle Sap) |             | Phnom Penh<br>Discharge (upstream) |            |
|-------------|----------------------------|-------------|--------------------------------|-------------|------------------------------------|------------|
|             | m3/s                       | %           | m3/s                           | %           | m3/s                               | %          |
| 1995        | 2,664                      | 72.9        | 990                            | 27.1        | 3,654                              | 100        |
| 1996        | 6,502                      | 96.3        | 247                            | 3.7         | 6,749                              | 100        |
| 1997        | 3,504                      | 72.9        | 1,303                          | 27.1        | 4,807                              | 100        |
| 1998        | 2,900                      | 75.1        | 964                            | 24.9        | 3,863                              | 100        |
| 1999        | 6,572                      | 101.3       | -85                            | -1.3        | 6,487                              | 100        |
| 2000        | 8,359                      | 106.0       | -472                           | -6.0        | 7,888                              | 100        |
| 2001        | 4,263                      | 80.4        | 1,040                          | 19.6        | 5,303                              | 100        |
| <b>Mean</b> | <b>4,966</b>               | <b>86.4</b> | <b>569</b>                     | <b>13.6</b> | <b>5,536</b>                       | <b>100</b> |

Note: Negative Tonle Sap River flow means the reverse flow into the Great Lake.

Source: WUP-JICA Study Team

**Table 5.19 Flow Contribution Analysis Downstream of Phnom Penh in 1995-2001 (1/2)**

**Month: January**

| Year        | Koh Norea (Mekong) |             | Chak Tomuk (Bassac) |            | Phnom Penh Discharge |            |
|-------------|--------------------|-------------|---------------------|------------|----------------------|------------|
|             | m3/s               | %           | m3/s                | %          | m3/s                 | %          |
| 1995        | 7,609              | 93.2        | 551                 | 6.8        | 8,160                | 100        |
| 1996        | 8,931              | 92.8        | 698                 | 7.2        | 9,629                | 100        |
| 1997        | 10,426             | 91.8        | 925                 | 8.2        | 11,351               | 100        |
| 1998        | 8,514              | 93.0        | 645                 | 7.0        | 9,159                | 100        |
| 1999        | 6,945              | 94.0        | 442                 | 6.0        | 7,387                | 100        |
| 2000        | 9,755              | 91.9        | 854                 | 8.1        | 10,609               | 100        |
| 2001        | 9,970              | 92.3        | 827                 | 7.7        | 10,797               | 100        |
| <b>Mean</b> | <b>8,879</b>       | <b>92.7</b> | <b>706</b>          | <b>7.3</b> | <b>9,585</b>         | <b>100</b> |

**Month: February**

| Year        | Koh Norea (Mekong) |             | Chak Tomuk (Bassac) |            | Phnom Penh Discharge |            |
|-------------|--------------------|-------------|---------------------|------------|----------------------|------------|
|             | m3/s               | %           | m3/s                | %          | m3/s                 | %          |
| 1995        | 5,352              | 94.9        | 288                 | 5.1        | 5,640                | 100        |
| 1996        | 6,505              | 94.0        | 412                 | 6.0        | 6,917                | 100        |
| 1997        | 7,767              | 93.2        | 568                 | 6.8        | 8,335                | 100        |
| 1998        | 6,325              | 94.5        | 367                 | 5.5        | 6,692                | 100        |
| 1999        | 5,020              | 95.6        | 233                 | 4.4        | 5,253                | 100        |
| 2000        | 7,231              | 93.5        | 504                 | 6.5        | 7,735                | 100        |
| 2001        | 7,527              | 93.4        | 530                 | 6.6        | 8,058                | 100        |
| <b>Mean</b> | <b>6,532</b>       | <b>94.2</b> | <b>415</b>          | <b>5.8</b> | <b>6,947</b>         | <b>100</b> |

**Month: March**

| Year        | Koh Norea (Mekong) |             | Chak Tomuk (Bassac) |            | Phnom Penh Discharge |            |
|-------------|--------------------|-------------|---------------------|------------|----------------------|------------|
|             | m3/s               | %           | m3/s                | %          | m3/s                 | %          |
| 1995        | 3,921              | 96.6        | 136                 | 3.4        | 4,057                | 100        |
| 1996        | 4,986              | 95.9        | 215                 | 4.1        | 5,202                | 100        |
| 1997        | 5,750              | 94.9        | 311                 | 5.1        | 6,061                | 100        |
| 1998        | 4,551              | 96.2        | 181                 | 3.8        | 4,732                | 100        |
| 1999        | 3,406              | 97.2        | 100                 | 2.8        | 3,506                | 100        |
| 2000        | 5,587              | 94.8        | 305                 | 5.2        | 5,892                | 100        |
| 2001        | 5,968              | 94.8        | 327                 | 5.2        | 6,295                | 100        |
| <b>Mean</b> | <b>4,881</b>       | <b>95.8</b> | <b>225</b>          | <b>4.2</b> | <b>5,106</b>         | <b>100</b> |

Source: WUP-JICA Study Team

**Table 5.19 Flow Contribution Analysis Downstream of Phnom Penh in 1995-2001 (2/2)**

**Month: April**

| Year        | Koh Norea (Mekong) |             | Chak Tomuk (Bassac) |            | Phnom Penh Discharge |            |
|-------------|--------------------|-------------|---------------------|------------|----------------------|------------|
|             | m3/s               | %           | m3/s                | %          | m3/s                 | %          |
| 1995        | 3,135              | 97.1        | 93                  | 2.9        | 3,228                | 100        |
| 1996        | 4,412              | 96.3        | 171                 | 3.7        | 4,584                | 100        |
| 1997        | 4,872              | 95.8        | 213                 | 4.2        | 5,085                | 100        |
| 1998        | 3,529              | 97.5        | 91                  | 2.5        | 3,620                | 100        |
| 1999        | 3,192              | 98.7        | 43                  | 1.3        | 3,236                | 100        |
| 2000        | 4,554              | 96.2        | 182                 | 3.8        | 4,737                | 100        |
| 2001        | 5,069              | 95.8        | 223                 | 4.2        | 5,292                | 100        |
| <b>Mean</b> | <b>4,109</b>       | <b>96.8</b> | <b>145</b>          | <b>3.2</b> | <b>4,254</b>         | <b>100</b> |

**Month: May**

| Year        | Koh Norea (Mekong) |             | Chak Tomuk (Bassac) |            | Phnom Penh Discharge |            |
|-------------|--------------------|-------------|---------------------|------------|----------------------|------------|
|             | m3/s               | %           | m3/s                | %          | m3/s                 | %          |
| 1995        | 3,533              | 96.7        | 120                 | 3.3        | 3,653                | 100        |
| 1996        | 6,361              | 94.3        | 387                 | 5.7        | 6,748                | 100        |
| 1997        | 4,620              | 96.1        | 186                 | 3.9        | 4,806                | 100        |
| 1998        | 3,737              | 96.8        | 125                 | 3.2        | 3,862                | 100        |
| 1999        | 6,299              | 97.2        | 184                 | 2.8        | 6,483                | 100        |
| 2000        | 7,359              | 93.4        | 524                 | 6.6        | 7,882                | 100        |
| 2001        | 5,072              | 95.7        | 229                 | 4.3        | 5,300                | 100        |
| <b>Mean</b> | <b>5,283</b>       | <b>95.7</b> | <b>251</b>          | <b>4.3</b> | <b>5,533</b>         | <b>100</b> |

Source: WUP-JICA Study Team

**Table 5.21 Flow Contribution Analysis of Mekong Inflow into the Delta in Vietnam in 1995-2001 (1/2)**

**Month: January**

| Year        | Tan Chau (Mekong) |             | Chau Doc (Bassac) |            | Inflow into Vietnam |            |
|-------------|-------------------|-------------|-------------------|------------|---------------------|------------|
|             | m3/s              | %           | m3/s              | %          | m3/s                | %          |
| 1995        | 7,784             | 93.0        | 589               | 7.0        | 8,374               | 100        |
| 1996        | 9,208             | 92.4        | 761               | 7.6        | 9,969               | 100        |
| 1997        | 10,720            | 91.5        | 996               | 8.5        | 11,715              | 100        |
| 1998        | 8,788             | 92.8        | 679               | 7.2        | 9,467               | 100        |
| 1999        | 7,261             | 93.7        | 489               | 6.3        | 7,749               | 100        |
| 2000        | 10,107            | 91.9        | 893               | 8.1        | 10,999              | 100        |
| 2001        | 10,234            | 91.6        | 936               | 8.4        | 11,170              | 100        |
| <b>Mean</b> | <b>9,157</b>      | <b>92.4</b> | <b>763</b>        | <b>7.6</b> | <b>9,921</b>        | <b>100</b> |

**Month: February**

| Year        | Tan Chau (Mekong) |             | Chau Doc (Bassac) |            | Inflow into Vietnam |            |
|-------------|-------------------|-------------|-------------------|------------|---------------------|------------|
|             | m3/s              | %           | m3/s              | %          | m3/s                | %          |
| 1995        | 5,445             | 94.7        | 303               | 5.3        | 5,748               | 100        |
| 1996        | 6,687             | 93.9        | 435               | 6.1        | 7,121               | 100        |
| 1997        | 7,946             | 93.1        | 591               | 6.9        | 8,538               | 100        |
| 1998        | 6,503             | 94.4        | 388               | 5.6        | 6,891               | 100        |
| 1999        | 5,221             | 95.4        | 254               | 4.6        | 5,475               | 100        |
| 2000        | 7,443             | 93.4        | 523               | 6.6        | 7,966               | 100        |
| 2001        | 7,699             | 93.1        | 568               | 6.9        | 8,267               | 100        |
| <b>Mean</b> | <b>6,706</b>      | <b>94.0</b> | <b>437</b>        | <b>6.0</b> | <b>7,144</b>        | <b>100</b> |

**Month: March**

| Year        | Tan Chau (Mekong) |             | Chau Doc (Bassac) |            | Inflow into Vietnam |            |
|-------------|-------------------|-------------|-------------------|------------|---------------------|------------|
|             | m3/s              | %           | m3/s              | %          | m3/s                | %          |
| 1995        | 4,002             | 96.4        | 150               | 3.6        | 4,152               | 100        |
| 1996        | 5,126             | 95.6        | 235               | 4.4        | 5,361               | 100        |
| 1997        | 5,884             | 94.7        | 330               | 5.3        | 6,214               | 100        |
| 1998        | 4,676             | 96.1        | 191               | 3.9        | 4,867               | 100        |
| 1999        | 3,540             | 97.0        | 109               | 3.0        | 3,649               | 100        |
| 2000        | 5,744             | 94.7        | 322               | 5.3        | 6,065               | 100        |
| 2001        | 6,086             | 94.6        | 349               | 5.4        | 6,435               | 100        |
| <b>Mean</b> | <b>5,008</b>      | <b>95.6</b> | <b>241</b>        | <b>4.4</b> | <b>5,249</b>        | <b>100</b> |

Source: WUP-JICA Study Team

**Table 5.21 Flow Contribution Analysis of Mekong Inflow into the Delta in Vietnam in 1995-2001 (2/2)**

**Month: April**

| Year        | Tan Chau (Mekong) |             | Chau Doc (Bassac) |            | Inflow into Vietnam |            |
|-------------|-------------------|-------------|-------------------|------------|---------------------|------------|
|             | m3/s              | %           | m3/s              | %          | m3/s                | %          |
| 1995        | 3,205             | 97.1        | 95                | 2.9        | 3,301               | 100        |
| 1996        | 4,505             | 96.3        | 172               | 3.7        | 4,677               | 100        |
| 1997        | 4,972             | 95.8        | 217               | 4.2        | 5,189               | 100        |
| 1998        | 3,627             | 97.0        | 112               | 3.0        | 3,739               | 100        |
| 1999        | 3,278             | 97.2        | 95                | 2.8        | 3,373               | 100        |
| 2000        | 4,647             | 96.2        | 182               | 3.8        | 4,829               | 100        |
| 2001        | 5,181             | 95.7        | 235               | 4.3        | 5,416               | 100        |
| <b>Mean</b> | <b>4,202</b>      | <b>96.5</b> | <b>158</b>        | <b>3.5</b> | <b>4,360</b>        | <b>100</b> |

**Month: May**

| Year        | Tan Chau (Mekong) |             | Chau Doc (Bassac) |            | Inflow into Vietnam |            |
|-------------|-------------------|-------------|-------------------|------------|---------------------|------------|
|             | m3/s              | %           | m3/s              | %          | m3/s                | %          |
| 1995        | 3,579             | 96.9        | 114               | 3.1        | 3,693               | 100        |
| 1996        | 6,423             | 94.2        | 394               | 5.8        | 6,818               | 100        |
| 1997        | 4,703             | 96.2        | 186               | 3.8        | 4,888               | 100        |
| 1998        | 3,803             | 96.9        | 121               | 3.1        | 3,924               | 100        |
| 1999        | 6,326             | 94.1        | 397               | 5.9        | 6,723               | 100        |
| 2000        | 7,358             | 93.7        | 495               | 6.3        | 7,853               | 100        |
| 2001        | 5,121             | 95.9        | 216               | 4.1        | 5,338               | 100        |
| <b>Mean</b> | <b>5,330</b>      | <b>95.4</b> | <b>275</b>        | <b>4.6</b> | <b>5,605</b>        | <b>100</b> |

Source: WUP-JICA Study Team

**Table 5.23 Flow Contribution Analysis of Colmatage Outflow into Mekong River in Cambodia in 1995-2001**

**Month: January**

| Year        | Inflow into<br>Vietnam | Phnom<br>Penh<br>Discharge | Inflow from<br>Colmatage |            |
|-------------|------------------------|----------------------------|--------------------------|------------|
|             | m3/s                   | m3/s                       | m3/s                     | %          |
| 1995        | 8,374                  | 8,160                      | 213                      | 2.5        |
| 1996        | 9,969                  | 9,629                      | 340                      | 3.4        |
| 1997        | 11,715                 | 11,351                     | 364                      | 3.1        |
| 1998        | 9,467                  | 9,159                      | 308                      | 3.3        |
| 1999        | 7,749                  | 7,387                      | 363                      | 4.7        |
| 2000        | 10,999                 | 10,609                     | 390                      | 3.5        |
| 2001        | 11,170                 | 10,797                     | 373                      | 3.3        |
| <b>Mean</b> | <b>9,921</b>           | <b>9,585</b>               | <b>336</b>               | <b>3.4</b> |

**Month: April**

| Year        | Inflow into<br>Vietnam | Phnom<br>Penh<br>Discharg | Inflow from<br>Colmatage |            |
|-------------|------------------------|---------------------------|--------------------------|------------|
|             | m3/s                   | m3/s                      | m3/s                     | %          |
| 1995        | 3,301                  | 3,228                     | 73                       | 2.2        |
| 1996        | 4,677                  | 4,584                     | 93                       | 2.0        |
| 1997        | 5,189                  | 5,085                     | 104                      | 2.0        |
| 1998        | 3,739                  | 3,620                     | 119                      | 3.2        |
| 1999        | 3,373                  | 3,236                     | 138                      | 4.1        |
| 2000        | 4,829                  | 4,737                     | 92                       | 1.9        |
| 2001        | 5,416                  | 5,292                     | 123                      | 2.3        |
| <b>Mean</b> | <b>4,360</b>           | <b>4,254</b>              | <b>106</b>               | <b>2.5</b> |

**Month: February**

| Year        | Inflow into<br>Vietnam | Phnom<br>Penh<br>Discharge | Inflow from<br>Colmatage |            |
|-------------|------------------------|----------------------------|--------------------------|------------|
|             | m3/s                   | m3/s                       | m3/s                     | %          |
| 1995        | 5,748                  | 5,640                      | 108                      | 1.9        |
| 1996        | 7,121                  | 6,917                      | 204                      | 2.9        |
| 1997        | 8,538                  | 8,335                      | 202                      | 2.4        |
| 1998        | 6,891                  | 6,692                      | 199                      | 2.9        |
| 1999        | 5,475                  | 5,253                      | 222                      | 4.1        |
| 2000        | 7,966                  | 7,735                      | 231                      | 2.9        |
| 2001        | 8,267                  | 8,058                      | 210                      | 2.5        |
| <b>Mean</b> | <b>7,144</b>           | <b>6,947</b>               | <b>196</b>               | <b>2.8</b> |

**Month: May**

| Year        | Inflow into<br>Vietnam | Phnom<br>Penh<br>Discharg | Inflow from<br>Colmatage |            |
|-------------|------------------------|---------------------------|--------------------------|------------|
|             | m3/s                   | m3/s                      | m3/s                     | %          |
| 1995        | 3,693                  | 3,653                     | 40                       | 1.1        |
| 1996        | 6,818                  | 6,748                     | 70                       | 1.0        |
| 1997        | 4,888                  | 4,806                     | 82                       | 1.7        |
| 1998        | 3,924                  | 3,862                     | 62                       | 1.6        |
| 1999        | 6,723                  | 6,483                     | 240                      | 3.6        |
| 2000        | 7,853                  | 7,882                     | -29                      | -0.4       |
| 2001        | 5,338                  | 5,300                     | 38                       | 0.7        |
| <b>Mean</b> | <b>5,605</b>           | <b>5,533</b>              | <b>72</b>                | <b>1.3</b> |

**Month: March**

| Year        | Inflow into<br>Vietnam | Phnom<br>Penh<br>Discharge | Inflow from<br>Colmatage |            |
|-------------|------------------------|----------------------------|--------------------------|------------|
|             | m3/s                   | m3/s                       | m3/s                     | %          |
| 1995        | 4,152                  | 4,057                      | 95                       | 2.3        |
| 1996        | 5,361                  | 5,202                      | 160                      | 3.0        |
| 1997        | 6,214                  | 6,061                      | 153                      | 2.5        |
| 1998        | 4,867                  | 4,732                      | 135                      | 2.8        |
| 1999        | 3,649                  | 3,506                      | 143                      | 3.9        |
| 2000        | 6,065                  | 5,892                      | 173                      | 2.8        |
| 2001        | 6,435                  | 6,295                      | 139                      | 2.2        |
| <b>Mean</b> | <b>5,249</b>           | <b>5,106</b>               | <b>143</b>               | <b>2.8</b> |

Source: WUP-JICA Study Team

**Table 6.3 Daily Mean Discharge at Tan Chau on the Mekong River (1/5)**

Year: 1997

(Unit: m<sup>3</sup>/s)

| Day         | Jan          | Feb          | Mar          | Apr          | May          | Jun          | Jul           | Aug           | Sep           | Oct           | Nov           | Dec          |
|-------------|--------------|--------------|--------------|--------------|--------------|--------------|---------------|---------------|---------------|---------------|---------------|--------------|
| 1           | 10,850       | 6,521        | 4,186        | 2,339        | 2,825        | 3,645        | 6,180         | 18,938        | 22,638        | 22,421        | 18,938        | 12,748       |
| 2           | 10,224       | 6,397        | 3,901        | 2,745        | 2,821        | 3,678        | 6,987         | 19,129        | 22,563        | 22,413        | 18,579        | 9,842        |
| 3           | 10,306       | 6,078        | 3,998        | 2,776        | 2,631        | 3,868        | 7,593         | 19,358        | 22,492        | 22,425        | 18,083        | 9,718        |
| 4           | 9,974        | 5,920        | 4,026        | 2,442        | 2,410        | 4,097        | 8,430         | 19,746        | 22,454        | 22,463        | 17,904        | 9,514        |
| 5           | 9,453        | 5,743        | 3,785        | 2,377        | 2,436        | 4,188        | 8,480         | 20,246        | 22,400        | 22,529        | 17,863        | 9,438        |
| 6           | 9,653        | 5,659        | 3,725        | 2,172        | 2,293        | 4,437        | 8,735         | 20,667        | 22,371        | 22,513        | 17,717        | 9,440        |
| 7           | 9,250        | 5,727        | 3,556        | 2,120        | 2,310        | 4,518        | 8,963         | 21,200        | 22,292        | 22,392        | 17,500        | 9,395        |
| 8           | 9,150        | 5,336        | 3,366        | 2,297        | 2,282        | 4,675        | 9,072         | 21,813        | 22,183        | 22,363        | 17,317        | 9,275        |
| 9           | 8,934        | 5,650        | 3,395        | 2,316        | 2,170        | 4,658        | 9,029         | 22,308        | 22,200        | 22,388        | 17,142        | 8,876        |
| 10          | 8,659        | 5,553        | 3,422        | 2,408        | 2,303        | 4,761        | 9,573         | 22,671        | 22,192        | 22,375        | 16,867        | 8,750        |
| 11          | 8,500        | 5,644        | 3,379        | 2,520        | 2,419        | 4,610        | 9,813         | 22,871        | 22,142        | 22,321        | 16,683        | 8,619        |
| 12          | 8,590        | 5,766        | 3,317        | 2,654        | 2,567        | 4,379        | 10,398        | 22,954        | 22,142        | 22,242        | 16,513        | 8,407        |
| 13          | 8,507        | 5,591        | 3,482        | 2,829        | 2,357        | 4,379        | 10,113        | 22,825        | 22,129        | 22,171        | 16,275        | 8,325        |
| 14          | 8,093        | 5,660        | 3,524        | 2,981        | 2,502        | 4,237        | 10,070        | 22,579        | 22,146        | 22,100        | 16,033        | 8,173        |
| 15          | 8,225        | 5,756        | 3,401        | 2,960        | 2,375        | 4,153        | 10,379        | 22,342        | 22,171        | 21,958        | 15,796        | 8,320        |
| 16          | 8,152        | 5,594        | 3,558        | 2,962        | 2,199        | 3,977        | 11,067        | 22,050        | 22,229        | 21,913        | 15,629        | 8,087        |
| 17          | 7,826        | 5,467        | 3,234        | 2,836        | 2,496        | 3,827        | 12,650        | 21,817        | 22,321        | 22,158        | 15,550        | 8,159        |
| 18          | 7,845        | 5,193        | 3,083        | 2,878        | 2,311        | 3,819        | 13,958        | 21,683        | 22,375        | 22,050        | 15,433        | 8,372        |
| 19          | 7,686        | 4,981        | 3,117        | 2,759        | 2,578        | 3,671        | 14,946        | 21,567        | 22,392        | 21,875        | 15,279        | 8,251        |
| 20          | 7,549        | 5,010        | 3,129        | 2,636        | 2,678        | 3,465        | 15,050        | 21,596        | 22,413        | 21,671        | 15,188        | 7,957        |
| 21          | 7,560        | 4,853        | 3,083        | 2,730        | 2,710        | 3,286        | 15,708        | 21,742        | 22,371        | 21,467        | 15,004        | 8,154        |
| 22          | 7,034        | 4,926        | 3,002        | 2,603        | 2,585        | 3,486        | 16,029        | 21,875        | 22,392        | 21,263        | 14,883        | 7,944        |
| 23          | 7,387        | 4,643        | 2,884        | 2,644        | 2,721        | 3,425        | 16,313        | 22,075        | 22,467        | 21,154        | 14,771        | 7,906        |
| 24          | 6,899        | 4,687        | 2,761        | 2,636        | 2,665        | 3,676        | 16,667        | 22,354        | 22,567        | 20,996        | 14,550        | 7,550        |
| 25          | 6,638        | 4,564        | 2,522        | 2,512        | 2,976        | 4,028        | 17,113        | 22,671        | 22,508        | 20,750        | 14,288        | 7,541        |
| 26          | 6,618        | 4,194        | 2,413        | 2,752        | 3,158        | 4,250        | 17,533        | 23,013        | 22,475        | 20,621        | 13,971        | 7,362        |
| 27          | 6,600        | 4,204        | 2,579        | 2,639        | 3,309        | 4,692        | 17,858        | 23,121        | 22,425        | 20,346        | 14,004        | 7,210        |
| 28          | 6,592        | 4,035        | 2,541        | 2,572        | 3,686        | 4,848        | 18,146        | 23,129        | 22,342        | 20,121        | 13,738        | 7,118        |
| 29          | 6,505        | 2,706        | 2,700        | 3,579        | 4,850        | 18,433       | 23,058        | 22,400        | 19,900        | 13,071        | 7,046         |              |
| 30          | 6,594        | 2,537        | 2,971        | 3,804        | 5,620        | 18,563       | 22,929        | 22,396        | 19,608        | 13,179        | 7,055         |              |
| 31          | 6,318        | 2,461        |              | 3,896        |              | 18,746       | 22,742        |               |               | 19,396        |               | 7,027        |
| <b>Mean</b> | <b>8,135</b> | <b>5,334</b> | <b>3,228</b> | <b>2,626</b> | <b>2,711</b> | <b>4,173</b> | <b>12,664</b> | <b>21,841</b> | <b>22,353</b> | <b>21,624</b> | <b>15,925</b> | <b>8,438</b> |

Source: Vietnam National Mekong Committee

**Table 6.3 Daily Mean Discharge at Tan Chau on the Mekong River (2/5)**

Year: 1998

(Unit: m<sup>3</sup>/s)

| Day         | Jan          | Feb          | Mar          | Apr          | May          | Jun          | Jul          | Aug           | Sep           | Oct           | Nov           | Dec          |
|-------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|---------------|---------------|---------------|---------------|--------------|
| 1           | 6,993        | 4,829        | 1,930        | 1,528        | 1,689        | 3,547        | 4,051        | 9,193         | 12,754        | 16,208        | 11,921        | 9,710        |
| 2           | 6,820        | 4,798        | 2,093        | 1,441        | 1,795        | 3,586        | 4,110        | 9,140         | 12,788        | 16,296        | 11,842        | 9,622        |
| 3           | 6,755        | 4,746        | 2,368        | 1,285        | 1,879        | 3,700        | 4,271        | 9,270         | 12,892        | 16,417        | 11,938        | 9,284        |
| 4           | 6,748        | 4,760        | 2,321        | 1,431        | 1,790        | 3,618        | 4,607        | 9,145         | 13,079        | 16,350        | 11,921        | 8,634        |
| 5           | 6,815        | 4,547        | 2,683        | 1,586        | 1,689        | 3,586        | 5,105        | 9,140         | 13,258        | 16,225        | 11,854        | 8,335        |
| 6           | 6,540        | 4,369        | 2,228        | 1,612        | 1,456        | 3,610        | 5,382        | 10,098        | 13,421        | 16,046        | 11,488        | 8,545        |
| 7           | 6,504        | 4,260        | 2,536        | 1,404        | 1,146        | 3,582        | 5,837        | 10,543        | 13,554        | 15,800        | 10,244        | 8,150        |
| 8           | 6,428        | 4,133        | 2,384        | 1,441        | 1,292        | 3,596        | 6,600        | 11,154        | 13,696        | 15,721        | 9,928         | 8,086        |
| 9           | 6,172        | 4,148        | 2,321        | 1,110        | 1,432        | 3,533        | 7,679        | 11,488        | 13,788        | 15,563        | 9,888         | 7,860        |
| 10          | 6,178        | 3,780        | 2,349        | 1,272        | 1,490        | 3,744        | 8,315        | 11,425        | 13,825        | 15,521        | 9,845         | 7,936        |
| 11          | 6,191        | 3,163        | 2,062        | 1,176        | 1,540        | 3,665        | 8,946        | 11,371        | 13,971        | 15,488        | 9,977         | 7,425        |
| 12          | 6,002        | 3,188        | 1,905        | 1,120        | 1,677        | 3,740        | 9,309        | 11,492        | 14,275        | 15,304        | 9,829         | 7,324        |
| 13          | 5,946        | 3,171        | 1,811        | 1,260        | 1,749        | 3,942        | 9,305        | 11,742        | 14,888        | 15,117        | 9,966         | 7,390        |
| 14          | 6,113        | 3,273        | 1,665        | 1,317        | 1,827        | 4,179        | 9,302        | 12,088        | 15,550        | 15,000        | 10,018        | 7,400        |
| 15          | 5,933        | 3,263        | 1,740        | 1,330        | 1,707        | 4,389        | 9,173        | 12,358        | 15,742        | 14,946        | 9,723         | 7,240        |
| 16          | 5,891        | 3,326        | 1,862        | 1,276        | 1,876        | 4,471        | 9,257        | 12,292        | 15,850        | 14,821        | 9,223         | 6,928        |
| 17          | 5,860        | 3,313        | 1,773        | 1,422        | 1,725        | 4,478        | 9,180        | 12,313        | 15,817        | 14,558        | 9,088         | 6,938        |
| 18          | 5,949        | 3,223        | 1,761        | 1,606        | 2,054        | 4,390        | 9,268        | 12,638        | 15,888        | 14,333        | 9,072         | 7,003        |
| 19          | 5,718        | 3,148        | 1,786        | 1,504        | 1,929        | 4,261        | 9,325        | 12,858        | 15,963        | 14,233        | 9,303         | 7,326        |
| 20          | 5,690        | 3,058        | 1,714        | 1,542        | 1,961        | 4,123        | 9,329        | 13,008        | 16,117        | 14,325        | 9,653         | 7,351        |
| 21          | 5,568        | 2,933        | 1,830        | 1,830        | 1,968        | 3,901        | 9,205        | 13,229        | 16,271        | 14,346        | 9,624         | 7,273        |
| 22          | 5,610        | 2,783        | 1,828        | 1,785        | 2,075        | 3,853        | 9,278        | 13,508        | 16,479        | 14,129        | 9,644         | 7,348        |
| 23          | 5,422        | 2,472        | 1,424        | 1,761        | 2,172        | 3,713        | 9,279        | 13,775        | 16,725        | 13,871        | 9,878         | 7,110        |
| 24          | 5,242        | 2,670        | 1,410        | 1,643        | 1,840        | 3,673        | 9,175        | 13,988        | 16,850        | 13,646        | 10,586        | 6,967        |
| 25          | 5,197        | 2,532        | 882          | 1,505        | 2,191        | 3,504        | 9,195        | 14,288        | 17,054        | 13,433        | 10,555        | 6,780        |
| 26          | 5,115        | 2,120        | 1,220        | 1,418        | 2,364        | 3,455        | 9,133        | 14,142        | 17,029        | 13,388        | 10,400        | 6,686        |
| 27          | 4,998        | 2,174        | 1,314        | 1,421        | 2,611        | 3,659        | 9,223        | 13,750        | 16,950        | 13,154        | 10,047        | 6,358        |
| 28          | 4,915        | 2,054        | 1,081        | 1,491        | 2,822        | 3,693        | 9,176        | 13,325        | 16,642        | 13,000        | 10,138        | 6,343        |
| 29          | 4,842        | 1,107        | 1,601        | 3,107        | 3,795        | 9,249        | 13,158       | 16,396        | 12,808        | 10,083        | 5,855         |              |
| 30          | 4,683        | 1,173        | 1,707        | 3,202        | 3,919        | 9,333        | 12,888       | 16,229        | 12,563        | 9,946         | 5,604         |              |
| 31          | 4,905        | 1,234        |              | 3,461        |              | 9,145        | 12,842       |               |               | 12,117        |               | 5,662        |
| <b>Mean</b> | <b>5,863</b> | <b>3,437</b> | <b>1,800</b> | <b>1,461</b> | <b>1,984</b> | <b>3,830</b> | <b>8,056</b> | <b>11,989</b> | <b>15,125</b> | <b>14,669</b> | <b>10,254</b> | <b>7,435</b> |

Source: Vietnam National Mekong Committee

**Table 6.3 Daily Mean Discharge at Tan Chau on the Mekong River (3/5)**

Year: 1999

(Unit: m<sup>3</sup>/s)

| Day         | Jan          | Feb          | Mar          | Apr          | May          | Jun          | Jul           | Aug           | Sep           | Oct           | Nov           | Dec           |
|-------------|--------------|--------------|--------------|--------------|--------------|--------------|---------------|---------------|---------------|---------------|---------------|---------------|
| 1           | 5,082        | 3,378        | 1,840        | 953          | 2,558        | 6,882        | 10,720        | 18,854        | 20,117        | 21,800        | 18,883        | 16,208        |
| 2           | 4,909        | 3,338        | 1,650        | 1,238        | 2,551        | 7,342        | 10,747        | 19,333        | 20,317        | 21,954        | 18,904        | 16,058        |
| 3           | 4,677        | 3,349        | 1,609        | 1,429        | 3,077        | 7,665        | 10,486        | 19,613        | 20,463        | 22,033        | 18,879        | 15,763        |
| 4           | 4,741        | 3,164        | 1,703        | 1,250        | 3,205        | 8,175        | 10,363        | 19,983        | 20,667        | 22,204        | 18,975        | 15,713        |
| 5           | 4,772        | 3,353        | 1,873        | 1,530        | 3,730        | 8,923        | 10,310        | 20,400        | 20,742        | 22,325        | 18,929        | 15,646        |
| 6           | 4,901        | 3,380        | 1,878        | 1,490        | 3,828        | 9,373        | 10,008        | 20,646        | 20,696        | 22,221        | 19,129        | 15,500        |
| 7           | 5,072        | 3,405        | 2,031        | 1,433        | 4,102        | 9,951        | 10,081        | 21,071        | 20,625        | 22,258        | 19,392        | 15,388        |
| 8           | 4,779        | 3,379        | 1,950        | 1,616        | 4,001        | 10,280       | 10,293        | 21,279        | 20,596        | 22,217        | 19,546        | 15,133        |
| 9           | 4,857        | 3,276        | 1,941        | 1,635        | 3,927        | 10,902       | 10,194        | 21,392        | 20,571        | 22,017        | 19,833        | 14,979        |
| 10          | 4,894        | 3,107        | 2,072        | 1,507        | 3,678        | 10,592       | 10,017        | 21,525        | 20,613        | 21,796        | 20,004        | 14,983        |
| 11          | 4,479        | 2,691        | 1,781        | 1,574        | 3,309        | 10,298       | 9,872         | 21,583        | 20,721        | 21,742        | 20,113        | 14,667        |
| 12          | 4,168        | 2,433        | 1,525        | 1,746        | 3,033        | 9,946        | 9,953         | 21,642        | 20,863        | 21,525        | 20,129        | 14,596        |
| 13          | 4,041        | 2,540        | 1,548        | 1,432        | 3,042        | 9,504        | 9,906         | 21,671        | 20,908        | 21,358        | 20,025        | 14,625        |
| 14          | 4,021        | 2,546        | 1,447        | 1,259        | 3,132        | 9,119        | 10,121        | 21,642        | 20,925        | 21,388        | 19,771        | 14,758        |
| 15          | 4,093        | 2,361        | 1,378        | 1,114        | 3,910        | 8,923        | 10,086        | 21,729        | 21,033        | 21,279        | 19,771        | 14,942        |
| 16          | 3,968        | 2,272        | 923          | 1,222        | 4,856        | 8,853        | 10,384        | 21,563        | 21,167        | 21,196        | 19,688        | 14,929        |
| 17          | 3,924        | 2,182        | 1,018        | 1,171        | 5,470        | 9,048        | 10,574        | 21,363        | 21,279        | 21,108        | 19,446        | 14,746        |
| 18          | 3,992        | 2,320        | 978          | 1,193        | 5,665        | 9,275        | 10,514        | 21,342        | 21,446        | 20,925        | 19,296        | 14,504        |
| 19          | 3,969        | 2,251        | 1,149        | 1,567        | 5,529        | 9,203        | 10,635        | 21,258        | 21,617        | 20,658        | 19,058        | 14,229        |
| 20          | 3,900        | 2,014        | 1,167        | 1,839        | 5,385        | 9,635        | 12,921        | 21,229        | 21,746        | 20,388        | 18,750        | 13,771        |
| 21          | 3,955        | 2,220        | 1,374        | 2,022        | 5,675        | 9,905        | 15,204        | 21,229        | 21,792        | 20,075        | 18,408        | 13,421        |
| 22          | 3,910        | 2,161        | 1,244        | 2,254        | 5,815        | 10,203       | 15,171        | 21,125        | 21,771        | 19,850        | 18,033        | 13,171        |
| 23          | 3,894        | 2,234        | 1,092        | 2,523        | 5,973        | 10,552       | 15,129        | 21,029        | 21,746        | 19,696        | 17,750        | 13,017        |
| 24          | 3,887        | 2,151        | 1,125        | 2,442        | 5,373        | 10,700       | 15,196        | 20,775        | 21,667        | 19,475        | 17,521        | 12,933        |
| 25          | 3,697        | 1,846        | 1,319        | 2,593        | 6,048        | 10,687       | 15,142        | 20,579        | 21,671        | 19,183        | 17,333        | 12,542        |
| 26          | 3,723        | 2,025        | 1,693        | 2,526        | 6,176        | 10,649       | 15,192        | 20,267        | 21,783        | 18,946        | 16,975        | 11,892        |
| 27          | 3,545        | 2,098        | 1,620        | 2,628        | 6,207        | 10,760       | 16,121        | 20,158        | 21,625        | 18,813        | 16,875        | 11,763        |
| 28          | 3,385        | 1,734        | 1,637        | 2,344        | 6,298        | 10,638       | 17,208        | 20,029        | 21,713        | 18,817        | 16,738        | 11,750        |
| 29          | 3,280        |              | 1,382        | 2,415        | 6,674        | 10,442       | 17,879        | 20,042        | 21,496        | 18,883        | 16,567        | 11,517        |
| 30          | 3,175        |              | 1,198        | 2,511        | 6,430        | 10,635       | 18,054        | 20,013        | 21,596        | 18,850        | 16,283        | 11,533        |
| 31          | 3,388        |              | 1,265        |              | 6,550        |              | 18,329        | 19,950        |               | 18,875        |               | 11,275        |
| <b>Mean</b> | <b>4,164</b> | <b>2,614</b> | <b>1,497</b> | <b>1,748</b> | <b>4,684</b> | <b>9,635</b> | <b>12,478</b> | <b>20,784</b> | <b>21,132</b> | <b>20,769</b> | <b>18,700</b> | <b>14,063</b> |

Source: Vietnam National Mekong Committee

**Table 6.3 Daily Mean Discharge at Tan Chau on the Mekong River (4/5)**

Year: 2000

(Unit: m<sup>3</sup>/s)

| Day         | Jan          | Feb          | Mar          | Apr          | May          | Jun           | Jul           | Aug           | Sep           | Oct           | Nov           | Dec           |
|-------------|--------------|--------------|--------------|--------------|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| 1           | 8,027        | 5,365        | 3,727        | 3,157        | 3,200        | 12,138        | 18,988        | 25,575        | 21,758        | 21,113        | 15,558        | 10,917        |
| 2           | 7,893        | 5,360        | 3,902        | 2,777        | 3,340        | 12,438        | 19,321        | 23,492        | 21,963        | 21,100        | 15,329        | 10,767        |
| 3           | 7,707        | 5,338        | 3,761        | 2,720        | 3,332        | 12,846        | 19,425        | 23,204        | 22,167        | 21,017        | 15,046        | 10,600        |
| 4           | 7,553        | 5,175        | 3,865        | 2,355        | 3,429        | 13,192        | 19,267        | 22,504        | 22,346        | 21,000        | 14,717        | 10,429        |
| 5           | 7,500        | 5,019        | 3,632        | 2,273        | 3,400        | 13,563        | 19,133        | 21,663        | 22,492        | 21,000        | 14,425        | 10,283        |
| 6           | 7,405        | 4,923        | 3,611        | 2,207        | 3,292        | 13,625        | 18,942        | 21,225        | 22,600        | 21,000        | 14,246        | 10,163        |
| 7           | 7,405        | 4,832        | 3,387        | 2,151        | 3,594        | 13,233        | 19,017        | 21,017        | 22,700        | 21,000        | 14,008        | 10,098        |
| 8           | 7,157        | 4,720        | 3,436        | 2,245        | 3,671        | 12,788        | 19,138        | 20,688        | 22,800        | 21,000        | 13,813        | 10,026        |
| 9           | 7,315        | 4,623        | 3,265        | 2,224        | 3,909        | 12,200        | 19,396        | 20,425        | 22,871        | 20,992        | 13,608        | 10,000        |
| 10          | 7,085        | 4,763        | 3,289        | 2,061        | 4,075        | 11,788        | 19,604        | 20,208        | 22,892        | 20,292        | 13,446        | 9,982         |
| 11          | 7,060        | 4,767        | 3,332        | 2,457        | 3,833        | 11,529        | 19,671        | 20,167        | 22,900        | 18,046        | 13,329        | 9,926         |
| 12          | 7,004        | 4,755        | 3,268        | 2,535        | 3,702        | 11,154        | 19,950        | 20,100        | 22,900        | 17,679        | 13,196        | 9,850         |
| 13          | 7,026        | 4,550        | 3,261        | 2,583        | 3,721        | 10,908        | 20,754        | 20,075        | 22,900        | 17,892        | 13,108        | 9,860         |
| 14          | 6,956        | 4,405        | 2,972        | 2,542        | 3,803        | 10,831        | 21,429        | 20,088        | 22,900        | 18,704        | 13,013        | 10,425        |
| 15          | 6,860        | 4,234        | 2,967        | 2,506        | 4,262        | 10,844        | 21,917        | 20,058        | 22,900        | 19,146        | 12,883        | 10,929        |
| 16          | 6,688        | 4,032        | 3,185        | 2,501        | 4,275        | 11,123        | 22,442        | 20,063        | 22,900        | 19,650        | 12,758        | 10,733        |
| 17          | 6,446        | 4,190        | 3,036        | 2,514        | 4,551        | 11,983        | 22,879        | 20,000        | 22,900        | 20,167        | 12,542        | 10,704        |
| 18          | 6,238        | 4,021        | 2,924        | 2,639        | 5,034        | 13,300        | 23,358        | 20,004        | 22,875        | 20,875        | 12,475        | 10,721        |
| 19          | 6,208        | 4,225        | 3,016        | 3,087        | 5,430        | 14,979        | 23,763        | 20,129        | 22,796        | 21,000        | 12,333        | 10,595        |
| 20          | 6,108        | 4,034        | 2,844        | 3,017        | 5,438        | 15,963        | 24,196        | 20,375        | 22,700        | 20,971        | 12,246        | 10,463        |
| 21          | 6,071        | 4,210        | 2,984        | 3,318        | 5,667        | 16,433        | 24,671        | 20,433        | 22,700        | 20,979        | 12,229        | 10,375        |
| 22          | 5,976        | 4,237        | 3,153        | 3,515        | 5,879        | 16,454        | 25,171        | 20,333        | 22,646        | 20,750        | 12,096        | 10,085        |
| 23          | 5,781        | 4,279        | 3,196        | 3,557        | 6,173        | 16,496        | 25,538        | 20,396        | 22,433        | 19,546        | 11,929        | 9,972         |
| 24          | 5,812        | 4,241        | 3,024        | 3,447        | 6,103        | 16,483        | 25,817        | 20,592        | 21,779        | 17,858        | 11,825        | 9,684         |
| 25          | 5,796        | 4,113        | 2,892        | 3,484        | 8,003        | 16,554        | 25,925        | 20,729        | 21,608        | 18,854        | 11,683        | 9,706         |
| 26          | 5,856        | 4,032        | 2,782        | 3,427        | 8,801        | 16,729        | 25,954        | 20,838        | 21,467        | 18,613        | 11,571        | 9,764         |
| 27          | 5,727        | 3,953        | 2,792        | 3,260        | 9,482        | 17,200        | 25,996        | 20,988        | 21,371        | 17,233        | 11,450        | 9,525         |
| 28          | 5,772        | 3,924        | 3,002        | 3,243        | 9,380        | 17,892        | 26,000        | 21,167        | 21,300        | 16,408        | 11,325        | 9,482         |
| 29          | 5,780        | 3,596        | 2,986        | 3,086        | 9,013        | 18,458        | 25,954        | 21,238        | 21,200        | 16,129        | 11,171        | 9,208         |
| 30          | 5,564        | 2,846        | 3,118        | 8,568        | 18,808       | 25,908        | 21,304        | 21,200        | 15,800        | 11,042        | 9,153         |               |
| 31          | 5,357        |              | 3,119        |              | 8,715        |               | 25,813        | 21,550        |               | 15,567        |               | 9,013         |
| <b>Mean</b> | <b>6,617</b> | <b>4,480</b> | <b>3,208</b> | <b>2,800</b> | <b>5,325</b> | <b>14,064</b> | <b>22,430</b> | <b>20,988</b> | <b>22,365</b> | <b>19,399</b> | <b>12,947</b> | <b>10,111</b> |

Source: Vietnam National Mekong Committee

**Table 6.3 Daily Mean Discharge at Tan Chau on the Mekong River (5/5)**

Year: 2001

(Unit: m<sup>3</sup>/s)

| Day         | Jan          | Feb          | Mar          | Apr          | May          | Jun          | Jul           | Aug           | Sep           | Oct           | Nov           | Dec           |
|-------------|--------------|--------------|--------------|--------------|--------------|--------------|---------------|---------------|---------------|---------------|---------------|---------------|
| 1           | 8,944        | 5,885        | 3,918        | 3,594        | 2,356        | 5,110        | 13,050        | 17,229        | 23,104        | 21,196        | 18,567        | 15,338        |
| 2           | 9,051        | 5,910        | 3,955        | 3,649        | 2,541        | 5,153        | 13,063        | 17,221        | 23,333        | 21,171        | 18,450        | 15,258        |
| 3           | 8,914        | 5,711        | 3,983        | 3,594        | 2,475        | 6,115        | 13,342        | 17,267        | 23,446        | 21,071        | 18,329        | 15,154        |
| 4           | 8,532        | 5,395        | 3,950        | 3,589        | 2,100        | 7,002        | 13,579        | 17,254        | 23,483        | 20,988        | 18,213        | 15,025        |
| 5           | 8,397        | 5,337        | 3,356        | 3,591        | 2,085        | 7,282        | 13,525        | 17,458        | 23,467        | 20,971        | 18,104        | 14,871        |
| 6           | 8,329        | 5,435        | 3,611        | 3,179        | 2,294        | 7,539        | 13,671        | 17,554        | 23,392        | 20,863        | 17,983        | 14,696        |
| 7           | 8,213        | 5,030        | 3,523        | 3,018        | 2,333        | 7,784        | 13,754        | 17,613        | 23,154        | 20,754        | 17,908        | 14,475        |
| 8           | 8,044        | 5,130        | 3,184        | 3,131        | 2,430        | 7,837        | 13,738        | 17,692        | 22,613        | 20,646        | 17,863        | 14,021        |
| 9           | 7,932        | 4,914        | 3,070        | 2,926        | 2,464        | 8,120        | 13,992        | 17,813        | 22,333        | 20,446        | 17,783        | 13,383        |
| 10          | 7,879        | 5,023        | 3,135        | 3,008        | 2,585        | 8,278        | 15,492        | 17,913        | 22,171        | 20,367        | 17,738        | 13,054        |
| 11          | 7,774        | 4,950        | 3,026        | 3,122        | 2,430        | 8,688        | 16,317        | 18,188        | 22,092        | 20,313        | 17,625        | 12,792        |
| 12          | 7,634        | 5,058        | 2,946        | 3,048        | 2,547        | 8,915        | 16,496        | 18,700        | 22,075        | 20,296        | 17,571        | 12,646        |
| 13          | 7,637        | 5,005        | 3,017        | 2,810        | 2,756        | 9,198        | 16,450        | 19,217        | 22,075        | 20,204        | 17,492        | 12,621        |
| 14          | 7,485        | 4,964        | 3,446        | 2,766        | 2,619        | 9,483        | 16,238        | 19,683        | 22,325        | 20,029        | 17,421        | 12,579        |
| 15          | 7,532        | 4,987        | 3,394        | 2,719        | 2,526        | 9,641        | 15,963        | 20,117        | 22,696        | 20,000        | 17,429        | 12,513        |
| 16          | 7,434        | 4,899        | 3,533        | 2,682        | 2,533        | 9,803        | 15,667        | 20,471        | 23,258        | 19,950        | 17,396        | 12,392        |
| 17          | 7,416        | 4,644        | 3,620        | 2,725        | 3,002        | 9,921        | 15,429        | 20,967        | 23,542        | 19,900        | 17,367        | 12,079        |
| 18          | 7,156        | 4,429        | 3,417        | 2,784        | 3,419        | 10,132       | 15,300        | 21,575        | 23,600        | 19,825        | 17,271        | 11,833        |
| 19          | 6,657        | 4,464        | 3,463        | 2,712        | 3,845        | 10,502       | 15,258        | 22,221        | 23,600        | 19,750        | 17,142        | 11,486        |
| 20          | 6,528        | 4,403        | 3,424        | 2,567        | 3,963        | 10,320       | 15,217        | 22,996        | 23,567        | 19,575        | 16,946        | 10,833        |
| 21          | 6,503        | 4,195        | 3,222        | 2,427        | 4,038        | 10,374       | 15,258        | 23,642        | 22,783        | 19,483        | 16,721        | 10,273        |
| 22          | 6,390        | 4,283        | 3,312        | 2,311        | 3,858        | 9,985        | 15,563        | 23,754        | 22,542        | 19,363        | 16,517        | 9,928         |
| 23          | 6,434        | 4,201        | 3,373        | 2,196        | 3,942        | 10,050       | 16,017        | 23,213        | 22,433        | 19,267        | 16,338        | 9,317         |
| 24          | 6,397        | 4,127        | 3,297        | 2,067        | 3,299        | 10,301       | 16,554        | 22,621        | 22,208        | 19,179        | 16,179        | 8,606         |
| 25          | 6,321        | 4,015        | 3,293        | 2,010        | 3,557        | 10,806       | 16,867        | 22,138        | 21,917        | 19,117        | 16,033        | 8,550         |
| 26          | 6,284        | 3,914        | 3,206        | 1,898        | 3,578        | 11,546       | 17,050        | 22,017        | 21,863        | 19,100        | 15,913        | 9,219         |
| 27          | 6,235        | 3,925        | 3,108        | 2,079        | 3,700        | 12,263       | 17,092        | 22,133        | 21,650        | 19,008        | 15,758        | 9,230         |
| 28          | 5,932        | 3,955        | 3,212        | 2,107        | 4,015        | 12,733       | 17,113        | 22,092        | 21,438        | 18,842        | 15,625        | 9,317         |
| 29          | 5,876        | 3,404        | 3,237        | 4,388        | 12,638       | 17,171       | 22,158        | 21,325        | 18,804        | 15,513        | 9,098         |               |
| 30          | 5,935        |              | 3,336        | 2,365        | 4,629        | 12,800       | 17,158        | 22,342        | 21,254        | 18,708        | 15,421        | 8,941         |
| 31          | 5,847        |              | 3,237        |              | 4,975        |              | 17,229        | 22,733        |               | 18,638        |               | 8,928         |
| <b>Mean</b> | <b>7,279</b> | <b>4,792</b> | <b>3,386</b> | <b>2,767</b> | <b>3,138</b> | <b>9,344</b> | <b>15,439</b> | <b>20,258</b> | <b>22,625</b> | <b>19,930</b> | <b>17,154</b> | <b>11,886</b> |

Source: Vietnam National Mekong Committee

**Table 6.4 Daily Mean Discharge at Chau Doc on the Bassac River (1/5)**

Year: 1997

(Unit: m<sup>3</sup>/s)

| Day         | Jan          | Feb          | Mar        | Apr        | May        | Jun          | Jul          | Aug          | Sep          | Oct          | Nov          | Dec          |
|-------------|--------------|--------------|------------|------------|------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| 1           | 1,600        | 1,119        | 903        | 748        | 528        | 729          | 2,046        | 2,925        | 4,654        | 4,645        | 3,920        | 2,804        |
| 2           | 1,690        | 1,105        | 901        | 784        | 437        | 818          | 2,103        | 2,922        | 4,678        | 4,640        | 3,889        | 2,775        |
| 3           | 1,629        | 1,098        | 828        | 755        | 374        | 913          | 2,177        | 2,930        | 4,699        | 4,627        | 3,838        | 2,735        |
| 4           | 1,664        | 1,095        | 762        | 684        | 427        | 990          | 2,254        | 2,928        | 4,709        | 4,613        | 3,805        | 2,690        |
| 5           | 1,646        | 1,118        | 825        | 695        | 493        | 1,056        | 2,267        | 2,962        | 4,702        | 4,608        | 3,767        | 2,644        |
| 6           | 1,622        | 1,113        | 827        | 719        | 503        | 1,139        | 2,264        | 2,977        | 4,684        | 4,595        | 3,728        | 2,598        |
| 7           | 1,632        | 1,175        | 808        | 725        | 516        | 1,162        | 2,319        | 2,987        | 4,658        | 4,575        | 3,705        | 2,552        |
| 8           | 1,649        | 1,213        | 862        | 733        | 515        | 1,143        | 2,375        | 3,000        | 4,621        | 4,553        | 3,682        | 2,485        |
| 9           | 1,665        | 1,232        | 950        | 748        | 465        | 1,130        | 2,481        | 3,020        | 4,602        | 4,518        | 3,663        | 2,410        |
| 10          | 1,660        | 1,232        | 983        | 722        | 410        | 1,158        | 2,673        | 3,035        | 4,587        | 4,494        | 3,639        | 2,371        |
| 11          | 1,645        | 1,219        | 970        | 667        | 388        | 1,165        | 2,784        | 3,080        | 4,579        | 4,490        | 3,608        | 2,343        |
| 12          | 1,629        | 1,218        | 998        | 643        | 391        | 1,180        | 2,809        | 3,167        | 4,577        | 4,481        | 3,581        | 2,326        |
| 13          | 1,633        | 1,169        | 1,000      | 661        | 340        | 1,206        | 2,803        | 3,253        | 4,577        | 4,450        | 3,555        | 2,323        |
| 14          | 1,582        | 1,119        | 916        | 673        | 304        | 1,231        | 2,773        | 3,333        | 4,599        | 4,412        | 3,538        | 2,320        |
| 15          | 1,519        | 1,114        | 841        | 661        | 308        | 1,245        | 2,735        | 3,405        | 4,626        | 4,395        | 3,538        | 2,312        |
| 16          | 1,428        | 1,018        | 742        | 616        | 288        | 1,299        | 2,694        | 3,465        | 4,672        | 4,375        | 3,526        | 2,298        |
| 17          | 1,353        | 948          | 660        | 510        | 309        | 1,334        | 2,663        | 3,552        | 4,721        | 4,353        | 3,508        | 2,265        |
| 18          | 1,359        | 917          | 604        | 402        | 392        | 1,380        | 2,645        | 3,659        | 4,743        | 4,340        | 3,482        | 2,239        |
| 19          | 1,359        | 891          | 625        | 348        | 475        | 1,414        | 2,639        | 3,777        | 4,757        | 4,310        | 3,438        | 2,202        |
| 20          | 1,369        | 880          | 617        | 363        | 542        | 1,481        | 2,634        | 3,923        | 4,766        | 4,259        | 3,365        | 2,135        |
| 21          | 1,347        | 890          | 604        | 391        | 590        | 1,511        | 2,641        | 4,068        | 4,759        | 4,227        | 3,282        | 2,080        |
| 22          | 1,323        | 884          | 655        | 404        | 630        | 1,505        | 2,680        | 4,203        | 4,747        | 4,190        | 3,211        | 2,047        |
| 23          | 1,303        | 857          | 670        | 426        | 641        | 1,484        | 2,743        | 4,318        | 4,742        | 4,163        | 3,151        | 1,990        |
| 24          | 1,265        | 829          | 660        | 479        | 553        | 1,512        | 2,819        | 4,425        | 4,729        | 4,126        | 3,098        | 1,925        |
| 25          | 1,248        | 844          | 633        | 520        | 608        | 1,648        | 2,868        | 4,514        | 4,710        | 4,110        | 3,048        | 1,866        |
| 26          | 1,225        | 883          | 624        | 628        | 624        | 1,820        | 2,896        | 4,564        | 4,705        | 4,098        | 3,003        | 1,851        |
| 27          | 1,222        | 869          | 624        | 675        | 623        | 1,948        | 2,903        | 4,582        | 4,692        | 4,068        | 2,951        | 1,848        |
| 28          | 1,259        | 860          | 634        | 677        | 614        | 2,024        | 2,905        | 4,578        | 4,674        | 4,021        | 2,903        | 1,870        |
| 29          | 1,229        |              | 631        | 638        | 589        | 2,041        | 2,916        | 4,585        | 4,663        | 4,001        | 2,862        | 1,906        |
| 30          | 1,197        |              | 654        | 574        | 624        | 2,023        | 2,913        | 4,602        | 4,653        | 3,976        | 2,835        | 1,900        |
| 31          | 1,119        |              | 698        |            | 660        |              | 2,923        | 4,628        |              | 3,950        |              | 1,870        |
| <b>Mean</b> | <b>1,454</b> | <b>1,032</b> | <b>765</b> | <b>609</b> | <b>489</b> | <b>1,356</b> | <b>2,624</b> | <b>3,657</b> | <b>4,676</b> | <b>4,344</b> | <b>3,437</b> | <b>2,258</b> |

Source: Vietnam National Mekong Committee

**Table 6.4 Daily Mean Discharge at Chau Doc on the Bassac River (2/5)**

Year: 1998

(Unit: m<sup>3</sup>/s)

| Day         | Jan          | Feb        | Mar        | Apr        | May        | Jun        | Jul          | Aug          | Sep          | Oct          | Nov          | Dec          |
|-------------|--------------|------------|------------|------------|------------|------------|--------------|--------------|--------------|--------------|--------------|--------------|
| 1           | 1,553        | 842        | 435        | 404        | 394        | 774        | 887          | 2,410        | 3,277        | 4,241        | 3,631        | 3,182        |
| 2           | 1,506        | 857        | 503        | 423        | 454        | 799        | 862          | 2,443        | 3,221        | 4,261        | 3,565        | 3,108        |
| 3           | 1,553        | 897        | 577        | 354        | 446        | 777        | 879          | 2,463        | 3,190        | 4,258        | 3,526        | 3,016        |
| 4           | 1,593        | 898        | 642        | 391        | 449        | 786        | 1,035        | 2,330        | 3,190        | 4,268        | 3,490        | 2,929        |
| 5           | 1,616        | 858        | 567        | 350        | 395        | 731        | 1,176        | 2,290        | 3,205        | 4,239        | 3,467        | 2,754        |
| 6           | 1,590        | 735        | 549        | 390        | 337        | 717        | 1,356        | 2,343        | 3,243        | 4,224        | 3,470        | 2,687        |
| 7           | 1,510        | 702        | 523        | 382        | 286        | 680        | 1,404        | 2,357        | 3,229        | 4,229        | 3,111        | 2,711        |
| 8           | 1,393        | 621        | 512        | 338        | 321        | 718        | 1,566        | 2,434        | 3,275        | 4,252        | 2,993        | 2,585        |
| 9           | 1,320        | 695        | 510        | 309        | 329        | 714        | 1,893        | 2,511        | 3,314        | 4,280        | 3,033        | 2,572        |
| 10          | 1,295        | 715        | 496        | 261        | 357        | 753        | 2,153        | 2,525        | 3,386        | 4,305        | 3,004        | 2,484        |
| 11          | 1,292        | 710        | 476        | 280        | 289        | 789        | 2,173        | 2,538        | 3,438        | 4,327        | 2,906        | 2,302        |
| 12          | 1,253        | 721        | 477        | 311        | 302        | 781        | 2,242        | 2,540        | 3,475        | 4,326        | 3,026        | 2,274        |
| 13          | 1,209        | 717        | 409        | 313        | 420        | 760        | 2,237        | 2,617        | 3,538        | 4,319        | 2,896        | 2,217        |
| 14          | 1,184        | 727        | 386        | 294        | 450        | 928        | 2,295        | 2,646        | 3,605        | 4,319        | 2,922        | 2,183        |
| 15          | 1,225        | 702        | 359        | 320        | 452        | 913        | 2,489        | 2,763        | 3,624        | 4,277        | 2,801        | 2,109        |
| 16          | 1,196        | 720        | 409        | 327        | 430        | 1,015      | 2,584        | 2,794        | 3,645        | 4,225        | 2,654        | 1,970        |
| 17          | 1,205        | 765        | 454        | 358        | 448        | 1,034      | 2,499        | 2,910        | 3,691        | 4,203        | 2,708        | 1,943        |
| 18          | 1,261        | 739        | 428        | 373        | 511        | 983        | 2,419        | 2,834        | 3,726        | 4,155        | 2,616        | 1,879        |
| 19          | 1,173        | 737        | 463        | 386        | 460        | 933        | 2,356        | 3,021        | 3,740        | 4,105        | 2,552        | 1,909        |
| 20          | 1,126        | 666        | 405        | 394        | 467        | 926        | 2,297        | 3,030        | 3,773        | 4,073        | 2,702        | 1,834        |
| 21          | 1,183        | 596        | 495        | 434        | 489        | 794        | 2,317        | 3,047        | 3,836        | 4,044        | 2,673        | 1,908        |
| 22          | 1,119        | 477        | 335        | 437        | 407        | 816        | 2,276        | 3,093        | 3,903        | 4,008        | 2,641        | 1,919        |
| 23          | 990          | 501        | 283        | 396        | 421        | 768        | 2,303        | 3,115        | 3,951        | 3,971        | 2,708        | 1,894        |
| 24          | 851          | 557        | 345        | 376        | 317        | 776        | 2,328        | 3,260        | 4,002        | 3,938        | 2,845        | 1,947        |
| 25          | 824          | 559        | 261        | 338        | 460        | 731        | 2,351        | 3,351        | 4,058        | 3,937        | 2,988        | 1,977        |
| 26          | 846          | 495        | 317        | 352        | 487        | 701        | 2,275        | 3,426        | 4,103        | 3,904        | 3,107        | 1,897        |
| 27          | 878          | 462        | 291        | 351        | 508        | 770        | 2,209        | 3,417        | 4,148        | 3,865        | 3,085        | 1,805        |
| 28          | 803          | 467        | 264        | 354        | 554        | 737        | 2,244        | 3,408        | 4,183        | 3,811        | 3,170        | 1,768        |
| 29          | 734          |            | 292        | 387        | 650        | 870        | 2,236        | 3,376        | 4,213        | 3,768        | 3,125        | 1,619        |
| 30          | 808          |            | 310        | 388        | 664        | 861        | 2,190        | 3,348        | 4,229        | 3,738        | 3,205        | 1,522        |
| 31          | 792          |            | 406        |            | 738        |            | 2,294        | 3,311        |              | 3,680        |              | 1,479        |
| <b>Mean</b> | <b>1,190</b> | <b>683</b> | <b>425</b> | <b>359</b> | <b>442</b> | <b>811</b> | <b>1,994</b> | <b>2,837</b> | <b>3,647</b> | <b>4,115</b> | <b>3,021</b> | <b>2,206</b> |

Source: Vietnam National Mekong Committee

**Table 6.4 Daily Mean Discharge at Chau Doc on the Bassac River (3/5)**

Year: 1999

(Unit: m<sup>3</sup>/s)

| Day         | Jan          | Feb        | Mar        | Apr        | May          | Jun          | Jul          | Aug          | Sep          | Oct          | Nov          | Dec          |
|-------------|--------------|------------|------------|------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| 1           | 1,339        | 757        | 387        | 274        | 595          | 1,962        | 3,108        | 4,371        | 5,264        | 6,088        | 5,013        | 3,876        |
| 2           | 1,365        | 666        | 392        | 343        | 608          | 2,060        | 3,161        | 4,510        | 5,254        | 6,101        | 4,957        | 3,863        |
| 3           | 1,279        | 690        | 398        | 365        | 668          | 2,203        | 3,138        | 4,617        | 5,269        | 6,184        | 4,941        | 3,860        |
| 4           | 1,279        | 688        | 446        | 372        | 671          | 2,351        | 3,147        | 4,715        | 5,278        | 6,187        | 5,020        | 3,844        |
| 5           | 1,218        | 735        | 460        | 406        | 742          | 2,459        | 3,066        | 4,833        | 5,273        | 6,242        | 5,013        | 3,823        |
| 6           | 1,260        | 805        | 454        | 395        | 899          | 2,528        | 3,084        | 4,953        | 5,270        | 6,218        | 5,073        | 3,825        |
| 7           | 1,312        | 768        | 438        | 403        | 1,031        | 2,665        | 3,100        | 5,063        | 5,292        | 6,243        | 5,170        | 3,825        |
| 8           | 1,274        | 835        | 437        | 416        | 988          | 2,768        | 3,111        | 5,165        | 5,321        | 6,256        | 5,251        | 3,760        |
| 9           | 1,230        | 719        | 473        | 426        | 936          | 2,930        | 3,125        | 5,270        | 5,355        | 6,247        | 5,374        | 3,678        |
| 10          | 1,323        | 608        | 400        | 434        | 862          | 2,937        | 3,141        | 5,402        | 5,413        | 6,206        | 5,463        | 3,600        |
| 11          | 1,258        | 476        | 406        | 429        | 817          | 2,859        | 3,135        | 5,507        | 5,443        | 6,187        | 5,452        | 3,529        |
| 12          | 1,123        | 446        | 304        | 509        | 675          | 2,752        | 3,151        | 5,585        | 5,471        | 6,138        | 5,385        | 3,482        |
| 13          | 1,030        | 551        | 295        | 355        | 660          | 2,717        | 3,140        | 5,641        | 5,493        | 6,111        | 5,315        | 3,436        |
| 14          | 1,012        | 514        | 379        | 330        | 686          | 2,664        | 3,190        | 5,680        | 5,498        | 6,065        | 5,222        | 3,461        |
| 15          | 946          | 544        | 334        | 268        | 842          | 2,602        | 3,212        | 5,709        | 5,493        | 5,970        | 5,154        | 3,425        |
| 16          | 964          | 463        | 236        | 289        | 1,110        | 2,605        | 3,289        | 5,671        | 5,488        | 5,868        | 5,094        | 3,328        |
| 17          | 979          | 503        | 251        | 313        | 1,245        | 2,666        | 3,314        | 5,627        | 5,505        | 5,799        | 4,981        | 3,268        |
| 18          | 991          | 522        | 218        | 332        | 1,372        | 2,759        | 3,380        | 5,596        | 5,520        | 5,708        | 4,927        | 3,246        |
| 19          | 955          | 569        | 276        | 402        | 1,447        | 2,839        | 3,347        | 5,500        | 5,528        | 5,609        | 4,835        | 3,105        |
| 20          | 894          | 496        | 305        | 456        | 1,486        | 2,899        | 3,389        | 5,443        | 5,557        | 5,519        | 4,751        | 2,943        |
| 21          | 919          | 488        | 326        | 497        | 1,540        | 2,898        | 3,408        | 5,410        | 5,598        | 5,468        | 4,686        | 2,918        |
| 22          | 924          | 582        | 359        | 595        | 1,542        | 3,013        | 3,533        | 5,360        | 5,618        | 5,416        | 4,635        | 2,829        |
| 23          | 932          | 504        | 305        | 598        | 1,521        | 3,074        | 3,543        | 5,318        | 5,669        | 5,402        | 4,601        | 2,743        |
| 24          | 906          | 469        | 282        | 579        | 1,355        | 3,143        | 3,530        | 5,263        | 5,729        | 5,450        | 4,565        | 2,696        |
| 25          | 943          | 451        | 335        | 610        | 1,599        | 3,142        | 3,534        | 5,230        | 5,822        | 5,388        | 4,540        | 2,650        |
| 26          | 898          | 447        | 411        | 576        | 1,754        | 3,126        | 3,587        | 5,210        | 5,948        | 5,325        | 4,422        | 2,627        |
| 27          | 781          | 440        | 376        | 576        | 1,796        | 3,100        | 3,749        | 5,215        | 5,969        | 5,252        | 4,366        | 2,618        |
| 28          | 711          | 401        | 366        | 541        | 1,781        | 3,160        | 3,859        | 5,205        | 6,034        | 5,223        | 4,283        | 2,615        |
| 29          | 677          |            | 364        | 584        | 1,811        | 3,130        | 3,988        | 5,222        | 6,007        | 5,198        | 4,165        | 2,657        |
| 30          | 721          |            | 306        | 605        | 1,818        | 3,083        | 4,090        | 5,253        | 6,058        | 5,136        | 3,984        | 2,659        |
| 31          | 675          |            | 306        |            | 1,867        |              | 4,211        | 5,253        |              | 5,110        |              | 2,617        |
| <b>Mean</b> | <b>1,036</b> | <b>576</b> | <b>356</b> | <b>443</b> | <b>1,185</b> | <b>2,770</b> | <b>3,379</b> | <b>5,252</b> | <b>5,548</b> | <b>5,784</b> | <b>4,888</b> | <b>3,252</b> |

Source: Vietnam National Mekong Committee

**Table 6.4 Daily Mean Discharge at Chau Doc on the Bassac River (4/5)**

Year: 2000

(Unit: m<sup>3</sup>/s)

| Day         | Jan          | Feb          | Mar        | Apr        | May          | Jun          | Jul          | Aug          | Sep          | Oct          | Nov          | Dec          |
|-------------|--------------|--------------|------------|------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| 1           | 2,501        | 1,324        | 810        | 668        | 729          | 2,014        | 4,139        | 6,437        | 6,678        | 6,836        | 5,393        | 3,059        |
| 2           | 2,398        | 1,363        | 862        | 563        | 719          | 2,142        | 4,225        | 6,468        | 6,724        | 6,710        | 5,331        | 2,987        |
| 3           | 2,350        | 1,339        | 845        | 512        | 737          | 2,343        | 4,286        | 6,475        | 6,778        | 6,586        | 5,223        | 2,903        |
| 4           | 2,288        | 1,230        | 817        | 481        | 754          | 2,455        | 4,327        | 6,469        | 6,841        | 6,458        | 5,108        | 2,811        |
| 5           | 2,227        | 1,193        | 849        | 463        | 753          | 2,572        | 4,313        | 6,457        | 6,894        | 6,350        | 4,990        | 2,728        |
| 6           | 2,189        | 1,185        | 787        | 423        | 733          | 2,613        | 4,290        | 6,449        | 6,948        | 6,254        | 4,873        | 2,657        |
| 7           | 2,130        | 1,147        | 734        | 444        | 767          | 2,485        | 4,307        | 6,447        | 7,022        | 6,148        | 4,769        | 2,580        |
| 8           | 2,059        | 1,074        | 701        | 403        | 832          | 2,337        | 4,316        | 6,435        | 7,080        | 6,035        | 4,670        | 2,530        |
| 9           | 2,029        | 1,060        | 735        | 474        | 877          | 2,129        | 4,349        | 6,426        | 7,126        | 5,945        | 4,574        | 2,520        |
| 10          | 2,018        | 1,139        | 726        | 424        | 941          | 1,955        | 4,388        | 6,424        | 7,156        | 5,880        | 4,481        | 2,496        |
| 11          | 2,019        | 1,142        | 709        | 533        | 952          | 1,813        | 4,425        | 6,414        | 7,196        | 5,808        | 4,397        | 2,460        |
| 12          | 2,011        | 1,128        | 733        | 530        | 890          | 1,631        | 4,481        | 6,383        | 7,294        | 5,833        | 4,326        | 2,440        |
| 13          | 1,993        | 1,097        | 752        | 561        | 891          | 1,504        | 4,610        | 6,377        | 7,363        | 5,804        | 4,272        | 2,928        |
| 14          | 1,975        | 1,082        | 687        | 550        | 848          | 1,457        | 4,745        | 6,377        | 7,416        | 5,844        | 4,226        | 3,215        |
| 15          | 1,940        | 969          | 658        | 523        | 899          | 1,453        | 4,868        | 6,383        | 7,466        | 5,858        | 4,165        | 3,164        |
| 16          | 1,904        | 898          | 684        | 566        | 919          | 1,558        | 4,978        | 6,374        | 7,513        | 5,880        | 4,106        | 3,088        |
| 17          | 1,787        | 923          | 676        | 536        | 973          | 1,876        | 5,088        | 6,358        | 7,555        | 5,897        | 4,031        | 3,026        |
| 18          | 1,702        | 907          | 654        | 543        | 1,082        | 2,291        | 5,167        | 6,358        | 7,585        | 5,916        | 3,963        | 3,029        |
| 19          | 1,621        | 932          | 677        | 629        | 1,162        | 2,795        | 5,283        | 6,368        | 7,622        | 5,955        | 3,880        | 2,946        |
| 20          | 1,571        | 923          | 630        | 656        | 1,192        | 3,101        | 5,396        | 6,391        | 7,647        | 5,936        | 3,805        | 2,930        |
| 21          | 1,585        | 921          | 686        | 688        | 1,241        | 3,255        | 5,523        | 6,396        | 7,663        | 5,918        | 3,768        | 2,960        |
| 22          | 1,534        | 968          | 651        | 769        | 1,307        | 3,320        | 5,666        | 6,384        | 7,676        | 5,888        | 3,703        | 2,858        |
| 23          | 1,483        | 971          | 660        | 781        | 1,375        | 3,328        | 5,782        | 6,415        | 7,646        | 5,860        | 3,617        | 2,804        |
| 24          | 1,531        | 997          | 683        | 782        | 1,500        | 3,328        | 5,904        | 6,471        | 7,510        | 5,798        | 3,565        | 2,729        |
| 25          | 1,512        | 920          | 596        | 816        | 1,948        | 3,342        | 6,020        | 6,491        | 7,466        | 5,757        | 3,486        | 2,636        |
| 26          | 1,585        | 894          | 613        | 797        | 2,267        | 3,390        | 6,123        | 6,488        | 7,387        | 5,706        | 3,427        | 2,631        |
| 27          | 1,635        | 918          | 573        | 744        | 2,392        | 3,516        | 6,193        | 6,514        | 7,295        | 5,630        | 3,378        | 2,578        |
| 28          | 1,644        | 901          | 553        | 794        | 2,385        | 3,700        | 6,243        | 6,536        | 7,186        | 5,563        | 3,305        | 2,572        |
| 29          | 1,578        | 712          | 621        | 763        | 2,338        | 3,897        | 6,307        | 6,564        | 7,062        | 5,511        | 3,225        | 2,532        |
| 30          | 1,423        |              | 591        | 785        | 2,328        | 4,044        | 6,360        | 6,598        | 6,950        | 5,438        | 3,148        | 2,601        |
| 31          | 1,414        |              |            | 692        |              | 2,284        |              | 6,402        | 6,638        |              | 5,384        | 2,515        |
| <b>Mean</b> | <b>1,859</b> | <b>1,043</b> | <b>698</b> | <b>607</b> | <b>1,259</b> | <b>2,588</b> | <b>5,113</b> | <b>6,444</b> | <b>7,258</b> | <b>5,948</b> | <b>4,174</b> | <b>2,771</b> |

Source: Vietnam National Mekong Committee

**Table 6.4 Daily Mean Discharge at Chau Doc on the Bassac River (5/5)**

Year: 2001

(Unit: m<sup>3</sup>/s)

| Day         | Jan          | Feb        | Mar        | Apr        | May        | Jun          | Jul          | Aug          | Sep          | Oct          | Nov          | Dec          |
|-------------|--------------|------------|------------|------------|------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| 1           | 2,496        | 1,370      | 731        | 630        | 477        | 1,054        | 3,077        | 4,657        | 7,001        | 6,784        | 5,605        | 4,132        |
| 2           | 2,445        | 1,312      | 750        | 667        | 520        | 1,075        | 3,201        | 4,664        | 7,039        | 6,770        | 5,560        | 4,085        |
| 3           | 2,503        | 1,263      | 799        | 625        | 502        | 1,118        | 3,272        | 4,684        | 7,074        | 6,745        | 5,500        | 4,036        |
| 4           | 2,422        | 1,186      | 777        | 729        | 402        | 1,175        | 3,333        | 4,719        | 7,094        | 6,745        | 5,466        | 3,966        |
| 5           | 2,320        | 1,123      | 512        | 690        | 392        | 1,264        | 3,335        | 4,796        | 7,109        | 6,730        | 5,440        | 3,904        |
| 6           | 2,331        | 1,120      | 673        | 656        | 420        | 1,347        | 3,477        | 4,816        | 7,097        | 6,698        | 5,383        | 3,828        |
| 7           | 2,235        | 998        | 668        | 595        | 424        | 1,444        | 3,400        | 4,851        | 7,081        | 6,648        | 5,359        | 3,749        |
| 8           | 2,117        | 970        | 611        | 574        | 452        | 1,520        | 3,276        | 4,874        | 7,065        | 6,593        | 5,313        | 3,630        |
| 9           | 2,130        | 925        | 570        | 567        | 477        | 1,493        | 3,513        | 4,891        | 7,035        | 6,567        | 5,276        | 3,501        |
| 10          | 2,077        | 949        | 573        | 579        | 478        | 1,613        | 3,854        | 4,905        | 7,020        | 6,513        | 5,235        | 3,413        |
| 11          | 1,988        | 990        | 611        | 586        | 432        | 1,720        | 4,065        | 4,943        | 6,997        | 6,484        | 5,197        | 3,354        |
| 12          | 1,960        | 1,007      | 567        | 568        | 446        | 1,870        | 4,142        | 5,007        | 6,974        | 6,457        | 5,156        | 3,309        |
| 13          | 1,901        | 1,021      | 627        | 524        | 505        | 1,952        | 4,176        | 5,078        | 6,960        | 6,395        | 5,125        | 3,308        |
| 14          | 1,719        | 1,053      | 699        | 523        | 466        | 2,013        | 4,174        | 5,158        | 6,957        | 6,368        | 5,102        | 3,296        |
| 15          | 1,772        | 1,036      | 629        | 480        | 468        | 2,055        | 4,163        | 5,236        | 6,972        | 6,323        | 5,096        | 3,289        |
| 16          | 1,825        | 1,091      | 704        | 494        | 500        | 2,137        | 4,129        | 5,315        | 7,013        | 6,284        | 5,066        | 3,249        |
| 17          | 1,813        | 998        | 751        | 538        | 551        | 2,170        | 4,107        | 5,410        | 7,050        | 6,253        | 5,038        | 3,169        |
| 18          | 1,727        | 877        | 606        | 562        | 635        | 2,211        | 4,092        | 5,528        | 7,084        | 6,226        | 5,000        | 3,116        |
| 19          | 1,604        | 885        | 681        | 555        | 715        | 2,273        | 4,102        | 5,660        | 7,115        | 6,182        | 4,960        | 3,037        |
| 20          | 1,605        | 905        | 741        | 490        | 647        | 2,300        | 4,126        | 5,793        | 7,039        | 6,127        | 4,898        | 2,923        |
| 21          | 1,578        | 843        | 716        | 439        | 670        | 2,205        | 4,163        | 5,933        | 6,968        | 6,100        | 4,818        | 2,798        |
| 22          | 1,539        | 829        | 676        | 438        | 721        | 2,140        | 4,234        | 6,091        | 6,989        | 6,013        | 4,741        | 2,439        |
| 23          | 1,511        | 863        | 628        | 406        | 740        | 2,110        | 4,332        | 6,258        | 7,004        | 5,948        | 4,661        | 2,383        |
| 24          | 1,450        | 822        | 640        | 405        | 624        | 2,183        | 4,435        | 6,411        | 6,990        | 5,890        | 4,593        | 2,302        |
| 25          | 1,419        | 772        | 643        | 388        | 696        | 2,289        | 4,494        | 6,552        | 6,958        | 5,855        | 4,517        | 2,254        |
| 26          | 1,360        | 782        | 584        | 370        | 643        | 2,617        | 4,538        | 6,647        | 6,938        | 5,813        | 4,448        | 2,196        |
| 27          | 1,389        | 744        | 585        | 419        | 678        | 2,997        | 4,568        | 6,724        | 6,895        | 5,791        | 4,381        | 2,165        |
| 28          | 1,342        | 718        | 608        | 425        | 770        | 3,049        | 4,582        | 6,785        | 6,875        | 5,752        | 4,303        | 2,168        |
| 29          | 1,297        |            | 576        | 457        | 884        | 3,037        | 4,603        | 6,833        | 6,837        | 5,737        | 4,232        | 2,093        |
| 30          | 1,328        |            | 604        | 466        | 926        | 3,048        | 4,613        | 6,889        | 6,813        | 5,695        | 4,180        | 2,069        |
| 31          | 1,329        |            |            | 627        | 1,026      |              |              | 4,643        | 6,958        | 5,647        |              | 1,983        |
| <b>Mean</b> | <b>1,824</b> | <b>980</b> | <b>650</b> | <b>528</b> | <b>590</b> | <b>1,983</b> | <b>4,007</b> | <b>5,583</b> | <b>7,001</b> | <b>6,262</b> | <b>4,988</b> | <b>3,069</b> |

Source: Vietnam National Mekong Committee

**Table 6.13 Monthly Mean Discharge at Chiang Saen**

(Unit: m<sup>3</sup>/sec)

| Year        | Jan          | Feb          | Mar          | Apr          | May          | Jun          | Jul          | Aug           | Sep           | Oct          | Nov          | Dec          | Mean         |
|-------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|---------------|---------------|--------------|--------------|--------------|--------------|
| 1961        | 935          | 800          | 765          | 954          | 1,249        | 2,663        | 4,178        | 8,051         | 5,936         | 4,184        | 2,409        | 1,596        | 2,810        |
| 1962        | 1,106        | 920          | 729          | 796          | 1,220        | 3,375        | 4,120        | 8,786         | 5,636         | 3,439        | 1,959        | 1,196        | 2,773        |
| 1963        | 905          | 729          | 654          | 642          | 773          | 2,042        | 5,345        | 7,675         | 4,593         | 3,995        | 3,306        | 1,521        | 2,682        |
| 1964        | 1,072        | 876          | 808          | 923          | 1,387        | 2,139        | 6,318        | 7,359         | 6,642         | 4,487        | 2,421        | 1,554        | 2,999        |
| 1965        | 1,130        | 937          | 730          | 726          | 909          | 2,904        | 5,223        | 6,630         | 5,778         | 5,134        | 4,436        | 2,080        | 3,051        |
| 1966        | 1,426        | 1,050        | 831          | 838          | 1,151        | 3,145        | 6,150        | 10,991        | 11,573        | 6,041        | 2,999        | 1,802        | 4,000        |
| 1967        | 1,323        | 1,023        | 954          | 923          | 1,092        | 1,834        | 4,034        | 5,892         | 4,904         | 4,027        | 2,653        | 1,615        | 2,523        |
| 1968        | 1,312        | 1,085        | 951          | 936          | 1,585        | 2,437        | 4,373        | 6,549         | 6,089         | 5,375        | 3,305        | 1,613        | 2,968        |
| 1969        | 1,108        | 822          | 616          | 700          | 747          | 2,072        | 4,250        | 9,013         | 4,852         | 3,078        | 2,035        | 1,305        | 2,550        |
| 1970        | 982          | 776          | 719          | 936          | 1,782        | 2,908        | 6,943        | 9,236         | 5,154         | 3,331        | 2,543        | 2,585        | 3,158        |
| 1971        | 1,388        | 1,072        | 893          | 950          | 1,350        | 3,167        | 7,585        | 10,995        | 6,781         | 3,872        | 2,442        | 1,657        | 3,513        |
| 1972        | 1,301        | 1,052        | 869          | 956          | 1,106        | 1,598        | 2,904        | 4,822         | 3,538         | 2,679        | 2,306        | 2,162        | 2,108        |
| 1973        | 1,175        | 981          | 995          | 1,004        | 1,319        | 2,584        | 4,476        | 6,666         | 6,293         | 3,062        | 3,041        | 1,734        | 2,777        |
| 1974        | 1,133        | 914          | 807          | 976          | 1,231        | 2,299        | 4,169        | 7,022         | 6,575         | 3,437        | 2,428        | 1,497        | 2,707        |
| 1975        | 1,267        | 945          | 787          | 896          | 1,214        | 2,314        | 3,766        | 4,201         | 4,235         | 2,754        | 2,073        | 1,280        | 2,144        |
| 1976        | 994          | 898          | 805          | 932          | 1,345        | 2,645        | 3,782        | 6,389         | 4,517         | 3,475        | 2,249        | 1,482        | 2,459        |
| 1977        | 1,057        | 890          | 824          | 988          | 1,197        | 2,012        | 3,824        | 5,040         | 4,402         | 3,439        | 2,369        | 1,471        | 2,293        |
| 1978        | 1,225        | 928          | 788          | 846          | 1,730        | 2,960        | 5,153        | 6,911         | 5,165         | 3,663        | 1,865        | 1,249        | 2,707        |
| 1979        | 945          | 772          | 684          | 829          | 1,089        | 1,554        | 2,778        | 5,109         | 6,307         | 4,503        | 1,995        | 1,453        | 2,335        |
| 1980        | 1,053        | 889          | 806          | 1,002        | 1,247        | 2,465        | 4,883        | 7,159         | 5,696         | 4,831        | 2,279        | 1,467        | 2,815        |
| 1981        | 1,106        | 907          | 842          | 872          | 2,109        | 3,686        | 5,425        | 5,927         | 4,974         | 3,083        | 2,889        | 1,758        | 2,798        |
| 1982        | 1,233        | 993          | 771          | 948          | 994          | 2,490        | 4,014        | 6,258         | 3,973         | 3,810        | 1,972        | 1,309        | 2,397        |
| 1983        | 963          | 795          | 863          | 946          | 1,213        | 2,053        | 3,338        | 5,400         | 5,829         | 3,317        | 3,705        | 1,940        | 2,530        |
| 1984        | 1,507        | 1,110        | 826          | 915          | 1,080        | 2,272        | 5,955        | 4,542         | 4,529         | 3,279        | 1,996        | 1,346        | 2,447        |
| 1985        | 1,054        | 864          | 743          | 919          | 1,333        | 3,516        | 5,229        | 6,075         | 7,704         | 4,016        | 3,278        | 1,881        | 3,051        |
| 1986        | 1,313        | 1,016        | 865          | 951          | 1,437        | 1,925        | 4,411        | 4,578         | 4,015         | 4,254        | 2,377        | 1,615        | 2,396        |
| 1987        | 1,341        | 1,136        | 972          | 1,012        | 1,089        | 1,870        | 2,933        | 5,273         | 5,856         | 3,910        | 2,600        | 1,601        | 2,466        |
| 1988        | 1,177        | 955          | 937          | 1,010        | 1,702        | 2,227        | 3,255        | 5,404         | 4,768         | 3,236        | 1,900        | 1,412        | 2,332        |
| 1989        | 1,051        | 871          | 803          | 811          | 1,195        | 2,076        | 3,618        | 4,765         | 4,127         | 5,066        | 2,500        | 1,620        | 2,375        |
| 1990        | 1,225        | 1,064        | 1,007        | 1,001        | 1,968        | 4,099        | 6,428        | 4,940         | 4,304         | 4,156        | 2,265        | 1,489        | 2,829        |
| 1991        | 1,134        | 928          | 846          | 1,051        | 1,399        | 3,008        | 5,358        | 8,071         | 5,784         | 4,440        | 3,162        | 1,842        | 3,085        |
| 1992        | 1,477        | 1,246        | 1,185        | 1,209        | 1,177        | 1,406        | 3,120        | 2,860         | 2,911         | 3,191        | 1,987        | 1,371        | 1,928        |
| 1993        | 1,025        | 910          | 801          | 824          | 1,112        | 1,718        | 4,011        | 6,158         | 5,969         | 3,837        | 2,456        | 1,665        | 2,541        |
| 1994        | 1,062        | 916          | 866          | 1,063        | 1,334        | 3,451        | 4,113        | 5,073         | 4,147         | 3,261        | 1,717        | 1,612        | 2,385        |
| 1995        | 1,144        | 921          | 1,049        | 622          | 1,688        | 2,595        | 5,637        | 7,455         | 6,260         | 4,468        | 2,962        | 1,955        | 3,063        |
| 1996        | 1,272        | 1,038        | 971          | 1,207        | 1,508        | 2,283        | 5,884        | 7,607         | 4,991         | 3,966        | 2,597        | 1,684        | 2,917        |
| 1997        | 1,067        | 790          | 718          | 738          | 996          | 1,676        | 5,037        | 4,315         | 4,788         | 4,250        | 1,813        | 1,195        | 2,282        |
| 1998        | 938          | 731          | 655          | 912          | 1,497        | 1,633        | 5,994        | 7,077         | 5,777         | 2,711        | 1,711        | 1,085        | 2,560        |
| 1999        | 907          | 717          | 702          | 645          | 1,035        | -            | -            | -             | -             | -            | -            | -            | -            |
| 2000        | -            | -            | -            | -            | -            | -            | -            | -             | -             | -            | -            | -            | -            |
| <b>Mean</b> | <b>1,150</b> | <b>930</b>   | <b>832</b>   | <b>908</b>   | <b>1,297</b> | <b>2,450</b> | <b>4,685</b> | <b>6,481</b>  | <b>5,404</b>  | <b>3,870</b> | <b>2,500</b> | <b>1,597</b> | <b>2,678</b> |
| <b>Max</b>  | <b>1,507</b> | <b>1,246</b> | <b>1,185</b> | <b>1,209</b> | <b>2,109</b> | <b>4,099</b> | <b>7,585</b> | <b>10,995</b> | <b>11,573</b> | <b>6,041</b> | <b>4,436</b> | <b>2,585</b> | <b>4,000</b> |
| <b>Min</b>  | <b>905</b>   | <b>717</b>   | <b>616</b>   | <b>622</b>   | <b>747</b>   | <b>1,406</b> | <b>2,778</b> | <b>2,860</b>  | <b>2,911</b>  | <b>2,679</b> | <b>1,711</b> | <b>1,085</b> | <b>1,928</b> |

Source: MRC HYMOS Database

**Table 6.14 Monthly Mean Discharge at Luang Prabang**

| Year        | Jan          | Feb          | Mar          | Apr          | May          | Jun          | Jul           | Aug           | Sep           | Oct          | Nov          | Dec          | Mean         |
|-------------|--------------|--------------|--------------|--------------|--------------|--------------|---------------|---------------|---------------|--------------|--------------|--------------|--------------|
| 1961        | 1,527        | 1,261        | 1,065        | 1,242        | 1,441        | 3,517        | 4,876         | 9,661         | 10,517        | 6,705        | 3,697        | 2,495        | 4,000        |
| 1962        | 1,830        | 1,453        | 1,139        | 1,119        | 1,547        | 4,245        | 5,439         | 10,145        | 7,527         | 4,663        | 2,825        | 1,865        | 3,650        |
| 1963        | 1,381        | 1,162        | 1,058        | 1,005        | 1,090        | 2,315        | 6,659         | 11,066        | 7,527         | 5,469        | 6,099        | 2,639        | 3,956        |
| 1964        | 1,786        | 1,367        | 1,193        | 1,236        | 1,688        | 2,560        | 8,794         | 10,218        | 9,792         | 6,361        | 3,623        | 2,530        | 4,262        |
| 1965        | 1,822        | 1,471        | 1,145        | 1,093        | 1,225        | 3,485        | 6,791         | 8,664         | 7,976         | 6,234        | 6,637        | 3,348        | 4,158        |
| 1966        | 2,165        | 1,658        | 1,254        | 1,171        | 1,496        | 3,996        | 7,763         | 14,681        | 16,360        | 7,888        | 4,378        | 2,806        | 5,468        |
| 1967        | 2,107        | 1,649        | 1,395        | 1,278        | 1,481        | 2,442        | 4,433         | 7,582         | 7,143         | 5,554        | 3,516        | 2,357        | 3,411        |
| 1968        | 1,762        | 1,294        | 1,059        | 1,015        | 1,657        | 2,706        | 5,104         | 8,175         | 8,148         | 6,263        | 4,003        | 2,143        | 3,611        |
| 1969        | 1,497        | 1,108        | 899          | 865          | 921          | 2,643        | 5,470         | 12,854        | 7,016         | 3,996        | 2,952        | 1,878        | 3,508        |
| 1970        | 1,314        | 968          | 859          | 1,014        | 2,131        | 4,038        | 9,341         | 12,990        | 8,807         | 4,905        | 3,377        | 3,364        | 4,426        |
| 1971        | 2,015        | 1,514        | 1,109        | 1,057        | 1,465        | 3,595        | 10,223        | 16,906        | 11,304        | 5,663        | 3,888        | 2,520        | 5,105        |
| 1972        | 1,935        | 1,474        | 1,124        | 1,309        | 1,445        | 2,190        | 3,956         | 9,907         | 6,793         | 5,420        | 4,062        | 3,698        | 3,609        |
| 1973        | 1,875        | 1,334        | 1,333        | 1,173        | 1,742        | 3,681        | 7,576         | 12,126        | 13,187        | 6,245        | 4,772        | 2,997        | 4,837        |
| 1974        | 1,841        | 1,318        | 1,020        | 1,271        | 1,609        | 3,123        | 5,063         | 9,527         | 10,399        | 5,351        | 3,450        | 2,078        | 3,838        |
| 1975        | 1,795        | 1,186        | 887          | 984          | 1,247        | 3,193        | 5,356         | 7,354         | 8,442         | 4,915        | 3,368        | 2,077        | 3,400        |
| 1976        | 1,389        | 1,199        | 915          | 1,006        | 1,482        | 3,224        | 5,209         | 11,436        | 7,254         | 5,740        | 3,669        | 2,240        | 3,730        |
| 1977        | 1,549        | 1,127        | 959          | 1,233        | 1,583        | 2,322        | 6,127         | 8,614         | 8,234         | 6,310        | 4,284        | 2,475        | 3,735        |
| 1978        | 2,153        | 1,395        | 1,147        | 1,067        | 2,296        | 4,107        | 8,628         | 12,036        | 9,791         | 6,844        | 3,448        | 2,225        | 4,595        |
| 1979        | 1,606        | 1,215        | 943          | 989          | 1,473        | 2,590        | 4,024         | 8,217         | 10,093        | 6,828        | 3,232        | 2,235        | 3,620        |
| 1980        | 1,500        | 1,116        | 929          | 1,063        | 1,383        | 3,165        | 7,343         | 11,210        | 11,074        | 7,390        | 3,741        | 2,485        | 4,367        |
| 1981        | 1,786        | 1,367        | 1,124        | 1,122        | 2,841        | 5,601        | 8,431         | 10,545        | 9,422         | 5,853        | 5,008        | 3,205        | 4,692        |
| 1982        | 2,138        | 1,562        | 1,106        | 1,404        | 1,325        | 3,574        | 5,746         | 11,798        | 7,662         | 7,160        | 3,813        | 2,486        | 4,148        |
| 1983        | 1,730        | 1,309        | 1,248        | 1,208        | 1,481        | 2,562        | 4,183         | 8,126         | 9,834         | 5,822        | 5,687        | 3,121        | 3,859        |
| 1984        | 2,378        | 1,592        | 1,106        | 1,101        | 1,343        | 2,872        | 8,368         | 8,548         | 8,435         | 5,818        | 3,533        | 2,005        | 3,925        |
| 1985        | 1,450        | 1,175        | 910          | 1,024        | 1,566        | 3,791        | 6,076         | 9,840         | 11,621        | 5,391        | 5,005        | 2,945        | 4,233        |
| 1986        | 2,235        | 1,716        | 1,214        | 1,028        | 1,958        | 2,665        | 5,654         | 7,384         | 6,181         | 5,669        | 3,250        | 2,082        | 3,420        |
| 1987        | 1,621        | 1,279        | 1,051        | 937          | 974          | 1,864        | 3,405         | 6,359         | 7,597         | 5,662        | 3,497        | 2,117        | 3,030        |
| 1988        | 1,498        | 1,051        | 917          | 1,146        | 2,101        | 2,680        | 4,312         | 9,109         | 7,346         | 4,693        | 2,748        | 1,945        | 3,295        |
| 1989        | 1,289        | 979          | 884          | 874          | 1,351        | 2,948        | 4,887         | 7,034         | 6,055         | 6,702        | 3,490        | 2,042        | 3,211        |
| 1990        | 1,391        | 1,093        | 1,017        | 892          | 1,899        | 5,167        | 8,714         | 8,344         | 6,506         | 5,519        | 3,280        | 1,951        | 3,814        |
| 1991        | 1,487        | 1,150        | 1,022        | 1,309        | 1,631        | 3,796        | 7,701         | 11,824        | 8,968         | 6,472        | 4,357        | 2,552        | 4,356        |
| 1992        | 1,855        | 1,408        | 1,288        | 1,368        | 1,300        | 1,597        | 3,687         | 3,934         | 3,911         | 3,941        | 2,722        | 1,983        | 2,416        |
| 1993        | 1,449        | 1,149        | 1,025        | 1,011        | 1,362        | 1,854        | 5,157         | 7,331         | 7,832         | 5,005        | 3,382        | 2,036        | 3,216        |
| 1994        | 1,422        | 1,158        | 1,063        | 1,290        | 1,523        | 4,282        | 7,053         | 9,757         | 7,987         | 5,284        | 2,580        | 2,357        | 3,813        |
| 1995        | 1,628        | 1,277        | 1,217        | 952          | 1,601        | 2,814        | 6,683         | 13,089        | 10,199        | 6,013        | 3,514        | 2,340        | 4,277        |
| 1996        | 1,690        | 1,397        | 1,170        | 1,333        | 1,784        | 2,594        | 7,493         | 13,198        | 8,114         | 5,516        | 3,629        | 2,334        | 4,188        |
| 1997        | 1,537        | 1,128        | 998          | 1,058        | 1,275        | 1,828        | 7,141         | 8,012         | 9,748         | 7,118        | 2,992        | 1,986        | 3,735        |
| 1998        | 1,475        | 1,134        | 932          | 1,228        | 1,768        | 2,194        | 8,071         | 9,724         | 9,090         | 3,760        | 2,609        | 1,742        | 3,644        |
| 1999        | 1,135        | 776          | 673          | 625          | 1,155        | 2,801        | 5,442         | 8,933         | 13,390        | 5,397        | 5,092        | 2,308        | 3,977        |
| 2000        | 1,747        | 1,380        | 1,223        | 1,364        | 2,878        | 4,844        | 10,552        | 9,478         | 11,733        | 5,587        | 3,594        | 2,372        | 4,729        |
| <b>Mean</b> | <b>1,695</b> | <b>1,284</b> | <b>1,065</b> | <b>1,112</b> | <b>1,588</b> | <b>3,137</b> | <b>6,423</b>  | <b>9,893</b>  | <b>8,975</b>  | <b>5,778</b> | <b>3,820</b> | <b>2,409</b> | <b>3,932</b> |
| <b>Max</b>  | <b>2,378</b> | <b>1,716</b> | <b>1,395</b> | <b>1,404</b> | <b>2,878</b> | <b>5,601</b> | <b>10,552</b> | <b>16,906</b> | <b>16,360</b> | <b>7,888</b> | <b>6,637</b> | <b>3,698</b> | <b>5,468</b> |
| <b>Min</b>  | <b>1,135</b> | <b>776</b>   | <b>673</b>   | <b>625</b>   | <b>921</b>   | <b>1,597</b> | <b>3,405</b>  | <b>3,934</b>  | <b>3,911</b>  | <b>3,760</b> | <b>2,580</b> | <b>1,742</b> | <b>2,416</b> |

Source: MRC HYMOS Database

**Table 6.15 Monthly Mean Discharge at Chiang Khan**

| Year        | Jan          | Feb          | Mar          | Apr          | May          | Jun          | Jul           | Aug           | Sep           | Oct          | Nov          | Dec          | Mean         |
|-------------|--------------|--------------|--------------|--------------|--------------|--------------|---------------|---------------|---------------|--------------|--------------|--------------|--------------|
| 1961        | -            | -            | -            | -            | -            | -            | -             | -             | -             | -            | -            | -            | -            |
| 1962        | -            | -            | -            | -            | -            | -            | -             | -             | -             | -            | -            | -            | -            |
| 1963        | -            | -            | -            | -            | -            | -            | -             | -             | -             | -            | -            | -            | -            |
| 1964        | -            | -            | -            | -            | -            | -            | -             | -             | -             | -            | -            | -            | -            |
| 1965        | -            | -            | -            | -            | -            | -            | -             | -             | -             | -            | -            | -            | -            |
| 1966        | -            | -            | -            | -            | -            | -            | -             | -             | -             | -            | -            | -            | -            |
| 1967        | -            | -            | -            | 1,155        | 1,375        | 2,509        | 4,665         | 8,333         | 8,130         | 6,285        | 3,800        | 2,540        | -            |
| 1968        | 1,800        | 1,299        | 1,068        | 1,005        | 1,871        | 2,767        | 5,556         | 8,876         | 8,964         | 6,621        | 4,694        | 2,258        | 3,898        |
| 1969        | 1,484        | 1,109        | 897          | 848          | 834          | 2,717        | 5,907         | 13,524        | 7,687         | 4,211        | 3,080        | 1,799        | 3,675        |
| 1970        | 1,275        | 1,005        | 857          | 938          | 2,093        | 4,249        | 10,112        | 14,361        | 10,281        | 5,357        | 3,414        | 3,342        | 4,774        |
| 1971        | 1,933        | 1,405        | 1,108        | 1,111        | 1,354        | 3,793        | 11,671        | 18,123        | 13,159        | 6,447        | 4,179        | 2,396        | 5,556        |
| 1972        | 1,810        | 1,389        | 1,097        | 1,190        | 1,363        | 2,179        | 3,661         | 10,607        | 7,435         | 5,877        | 3,989        | 3,680        | 3,690        |
| 1973        | 1,910        | 1,361        | 1,305        | 1,174        | 1,791        | 3,816        | 7,988         | 12,866        | 14,667        | 6,618        | 4,824        | 3,044        | 5,114        |
| 1974        | 1,859        | 1,335        | 1,031        | 1,287        | 1,767        | 3,471        | 5,304         | 10,273        | 11,511        | 5,956        | 3,541        | 2,112        | 4,121        |
| 1975        | 1,802        | 1,238        | 975          | 1,038        | 1,325        | 3,727        | 5,867         | 8,171         | 9,886         | 5,692        | 3,616        | 2,261        | 3,800        |
| 1976        | 1,539        | 1,400        | 1,055        | 1,038        | 1,533        | 3,429        | 5,485         | 12,151        | 8,101         | 6,716        | 3,994        | 2,373        | 4,068        |
| 1977        | 1,778        | 1,304        | 1,117        | 1,220        | 1,422        | 2,051        | 5,990         | 8,971         | 9,024         | 6,214        | 4,288        | 2,413        | 3,816        |
| 1978        | 2,131        | 1,457        | 1,253        | 1,030        | 2,152        | 3,930        | 9,488         | 12,941        | 10,661        | 7,376        | 3,340        | 2,116        | 4,823        |
| 1979        | 1,540        | 1,211        | 958          | 913          | 1,347        | 3,067        | 4,226         | 8,395         | 10,638        | 6,950        | 3,147        | 2,160        | 3,713        |
| 1980        | 1,482        | 1,084        | 885          | 925          | 1,310        | 3,548        | 7,761         | 11,743        | 12,824        | 7,669        | 3,695        | 2,362        | 4,607        |
| 1981        | 1,704        | 1,290        | 1,046        | 994          | 2,652        | 5,663        | 9,646         | 11,453        | 10,095        | 6,095        | 5,098        | 3,170        | 4,909        |
| 1982        | 2,140        | 1,586        | 1,139        | 1,245        | 1,224        | 3,396        | 5,842         | 10,735        | 7,687         | 7,841        | 3,555        | 2,391        | 4,065        |
| 1983        | 1,715        | 1,306        | 1,128        | 1,085        | 1,297        | 2,583        | 4,369         | 9,149         | 10,745        | 6,268        | 5,691        | 3,050        | 4,032        |
| 1984        | 2,327        | 1,602        | 1,151        | 1,054        | 1,339        | 2,632        | 8,626         | 8,743         | 9,028         | 6,156        | 3,557        | 2,238        | 4,038        |
| 1985        | 1,652        | 1,191        | 907          | 951          | 1,374        | 4,107        | 6,749         | 10,515        | 13,045        | 6,340        | 5,069        | 3,236        | 4,595        |
| 1986        | 2,097        | 1,550        | 1,184        | 1,080        | 2,313        | 3,164        | 6,131         | 8,645         | 7,345         | 6,435        | 3,661        | 2,326        | 3,828        |
| 1987        | 1,885        | 1,430        | 1,090        | 955          | 1,017        | 1,993        | 3,237         | 7,541         | 8,654         | 6,676        | 3,873        | 2,281        | 3,386        |
| 1988        | 1,529        | 1,153        | 933          | 916          | 2,156        | 3,005        | 5,174         | 10,095        | 8,267         | 5,711        | 3,020        | 2,111        | 3,673        |
| 1989        | 1,416        | 1,002        | 861          | 817          | 1,236        | 3,039        | 5,524         | 8,126         | 7,092         | 7,912        | 4,068        | 2,315        | 3,617        |
| 1990        | 1,597        | 1,136        | 1,037        | 885          | 1,871        | 6,008        | 9,493         | 9,150         | 7,341         | 6,599        | 3,861        | 2,308        | 4,274        |
| 1991        | 1,664        | 1,206        | 952          | 1,089        | 1,538        | 3,751        | 8,246         | 11,869        | 9,533         | 7,011        | 4,623        | 2,628        | 4,509        |
| 1992        | 2,048        | 1,518        | 1,328        | 1,298        | 1,232        | 1,691        | 4,384         | 5,142         | 7,494         | 4,950        | 3,278        | 2,281        | 3,054        |
| 1993        | 1,562        | 1,069        | 962          | 881          | 1,314        | 1,808        | 6,312         | 8,687         | 9,595         | 5,946        | 3,805        | 2,135        | 3,673        |
| 1994        | 1,484        | 1,117        | 874          | 1,183        | 1,583        | 5,175        | 8,588         | 12,003        | 10,543        | 6,619        | 3,061        | 2,721        | 4,579        |
| 1995        | 1,791        | 1,307        | 1,120        | 895          | 1,578        | 3,208        | 7,537         | 14,060        | 11,844        | 7,406        | 4,155        | 2,712        | 4,801        |
| 1996        | 1,657        | 1,187        | 1,126        | 1,259        | 2,085        | 2,884        | 7,792         | 14,834        | 9,754         | 6,404        | 4,024        | 2,452        | 4,621        |
| 1997        | 1,673        | 1,250        | 1,066        | 1,134        | 1,310        | 1,868        | 7,623         | 8,839         | 10,191        | 8,135        | 3,339        | 2,152        | 4,048        |
| 1998        | 1,606        | 1,175        | 818          | 1,194        | 1,836        | 2,309        | 7,820         | 9,281         | 9,214         | 3,935        | 2,719        | 1,739        | 3,637        |
| 1999        | 1,326        | 1,078        | 969          | 1,661        | -            | -            | -             | -             | -             | -            | -            | -            | -            |
| 2000        | -            | -            | -            | -            | -            | -            | -             | -             | -             | -            | -            | -            | -            |
| <b>Mean</b> | <b>1,726</b> | <b>1,273</b> | <b>1,041</b> | <b>1,074</b> | <b>1,578</b> | <b>3,236</b> | <b>6,774</b>  | <b>10,569</b> | <b>9,701</b>  | <b>6,388</b> | <b>3,877</b> | <b>2,472</b> | <b>4,161</b> |
| <b>Max</b>  | <b>2,327</b> | <b>1,602</b> | <b>1,328</b> | <b>1,661</b> | <b>2,652</b> | <b>6,008</b> | <b>11,671</b> | <b>18,123</b> | <b>14,667</b> | <b>8,135</b> | <b>5,691</b> | <b>3,680</b> | <b>5,556</b> |
| <b>Min</b>  | <b>1,275</b> | <b>1,002</b> | <b>818</b>   | <b>817</b>   | <b>834</b>   | <b>1,691</b> | <b>3,237</b>  | <b>5,142</b>  | <b>7,092</b>  | <b>3,935</b> | <b>2,719</b> | <b>1,739</b> | <b>3,054</b> |

Source: MRC HYMOS Database

**Table 6.16 Monthly Mean Discharge at Vientiane**

| Year        | Jan          | Feb          | Mar          | Apr          | May          | Jun          | Jul           | Aug           | Sep           | Oct          | Nov          | Dec          | Mean         |
|-------------|--------------|--------------|--------------|--------------|--------------|--------------|---------------|---------------|---------------|--------------|--------------|--------------|--------------|
| 1961        | 1,557        | 1,318        | 1,077        | 1,320        | 1,661        | 4,230        | 5,582         | 10,787        | 13,663        | 9,176        | 4,284        | 2,832        | 4,791        |
| 1962        | 1,919        | 1,486        | 1,225        | 1,185        | 1,720        | 4,475        | 6,314         | 11,380        | 9,353         | 6,040        | 3,290        | 2,011        | 4,200        |
| 1963        | 1,454        | 1,204        | 1,074        | 969          | 1,122        | 2,435        | 7,532         | 13,271        | 9,819         | 6,257        | 7,262        | 3,037        | 4,620        |
| 1964        | 1,921        | 1,471        | 1,292        | 1,325        | 2,089        | 3,022        | 9,512         | 11,295        | 12,191        | 8,288        | 4,340        | 2,902        | 4,971        |
| 1965        | 1,992        | 1,584        | 1,271        | 1,153        | 1,309        | 3,912        | 7,639         | 9,745         | 9,624         | 6,559        | 7,576        | 3,610        | 4,665        |
| 1966        | 2,345        | 1,750        | 1,331        | 1,246        | 1,660        | 4,254        | 8,562         | 15,803        | 18,832        | 8,704        | 5,241        | 3,349        | 6,090        |
| 1967        | 2,379        | 1,799        | 1,512        | 1,352        | 1,646        | 2,710        | 4,688         | 8,842         | 8,991         | 7,028        | 3,923        | 2,649        | 3,960        |
| 1968        | 1,885        | 1,446        | 1,241        | 1,179        | 2,184        | 2,849        | 5,886         | 9,372         | 10,043        | 7,065        | 5,121        | 2,531        | 4,233        |
| 1969        | 1,762        | 1,338        | 1,027        | 919          | 931          | 2,979        | 6,419         | 14,328        | 8,549         | 4,933        | 3,503        | 2,022        | 4,059        |
| 1970        | 1,474        | 1,190        | 985          | 1,134        | 2,349        | 4,635        | 10,607        | 15,548        | 12,010        | 6,366        | 3,880        | 3,715        | 5,324        |
| 1971        | 2,215        | 1,667        | 1,308        | 1,166        | 1,425        | 3,996        | 11,292        | 18,326        | 14,548        | 7,003        | 4,507        | 2,512        | 5,830        |
| 1972        | 1,780        | 1,351        | 1,062        | 1,208        | 1,357        | 2,236        | 3,764         | 10,785        | 8,147         | 6,315        | 4,192        | 3,702        | 3,825        |
| 1973        | 1,809        | 1,281        | 1,292        | 1,298        | 1,889        | 3,971        | 8,002         | 13,084        | 16,143        | 7,394        | 5,039        | 3,182        | 5,365        |
| 1974        | 1,890        | 1,370        | 1,136        | 1,377        | 1,846        | 3,513        | 5,415         | 11,002        | 12,591        | 6,221        | 3,624        | 2,163        | 4,346        |
| 1975        | 1,855        | 1,333        | 1,069        | 1,108        | 1,492        | 4,124        | 6,025         | 8,830         | 10,811        | 6,116        | 3,761        | 2,282        | 4,067        |
| 1976        | 1,609        | 1,508        | 1,186        | 1,281        | 1,769        | 3,633        | 5,798         | 12,739        | 8,922         | 7,629        | 4,573        | 2,593        | 4,437        |
| 1977        | 1,860        | 1,424        | 1,304        | 1,473        | 1,683        | 2,189        | 6,124         | 9,465         | 9,800         | 6,608        | 4,697        | 2,495        | 4,094        |
| 1978        | 2,187        | 1,449        | 1,331        | 1,205        | 2,361        | 4,022        | 9,930         | 14,507        | 11,603        | 7,980        | 3,621        | 2,205        | 5,200        |
| 1979        | 1,589        | 1,314        | 1,107        | 1,104        | 1,525        | 3,291        | 4,508         | 8,330         | 11,205        | 7,089        | 3,290        | 2,153        | 3,875        |
| 1980        | 1,527        | 1,333        | 1,232        | 1,358        | 1,780        | 3,849        | 8,061         | 12,729        | 15,286        | 8,202        | 4,113        | 2,496        | 5,164        |
| 1981        | 1,781        | 1,473        | 1,274        | 1,276        | 2,778        | 5,883        | 10,212        | 12,034        | 10,676        | 6,607        | 5,327        | 3,372        | 5,224        |
| 1982        | 2,126        | 1,597        | 1,297        | 1,470        | 1,430        | 3,548        | 6,038         | 12,377        | 9,319         | 8,696        | 3,950        | 2,515        | 4,530        |
| 1983        | 1,768        | 1,466        | 1,387        | 1,374        | 1,591        | 2,762        | 4,580         | 9,367         | 11,841        | 6,764        | 5,974        | 3,224        | 4,342        |
| 1984        | 2,317        | 1,612        | 1,263        | 1,223        | 1,459        | 2,673        | 9,006         | 9,306         | 9,858         | 6,744        | 3,950        | 2,281        | 4,308        |
| 1985        | 1,414        | 1,150        | 957          | 1,019        | 1,331        | 3,849        | 6,648         | 10,510        | 13,332        | 6,521        | 5,088        | 3,201        | 4,585        |
| 1986        | 1,978        | 1,398        | 1,129        | 1,094        | 2,287        | 3,233        | 5,765         | 8,913         | 7,623         | 6,278        | 3,655        | 2,163        | 3,793        |
| 1987        | 1,724        | 1,352        | 1,143        | 1,036        | 1,114        | 2,103        | 3,066         | 7,559         | 9,067         | 6,928        | 3,816        | 2,240        | 3,429        |
| 1988        | 1,505        | 1,218        | 1,069        | 1,110        | 2,286        | 3,025        | 5,138         | 10,176        | 8,715         | 5,828        | 2,955        | 1,916        | 3,745        |
| 1989        | 1,288        | 1,041        | 955          | 932          | 1,324        | 2,885        | 5,469         | 8,374         | 7,447         | 8,363        | 4,051        | 2,132        | 3,688        |
| 1990        | 1,553        | 1,231        | 1,201        | 1,025        | 1,920        | 6,015        | 9,232         | 9,363         | 7,658         | 6,739        | 3,882        | 2,242        | 4,338        |
| 1991        | 1,637        | 1,274        | 1,092        | 1,274        | 1,661        | 3,322        | 7,956         | 11,341        | 9,800         | 7,062        | 4,635        | 2,534        | 4,466        |
| 1992        | 1,907        | 1,429        | 1,295        | 1,360        | 1,292        | 1,876        | 4,173         | 5,407         | 5,086         | 4,850        | 3,321        | 2,126        | 2,843        |
| 1993        | 1,550        | 1,117        | 1,046        | 974          | 1,474        | 1,865        | 6,294         | 8,417         | 10,194        | 5,887        | 3,840        | 2,068        | 3,727        |
| 1994        | 1,474        | 1,216        | 997          | 1,411        | 1,709        | 5,114        | 8,384         | 11,749        | 11,155        | 6,932        | 3,147        | 2,725        | 4,668        |
| 1995        | 1,822        | 1,354        | 1,239        | 986          | 1,729        | 3,363        | 7,400         | 13,985        | 12,716        | 7,660        | 4,323        | 2,771        | 4,946        |
| 1996        | 1,883        | 1,513        | 1,348        | 1,467        | 2,301        | 3,118        | 6,843         | 13,139        | 9,911         | 6,919        | 4,381        | 2,652        | 4,623        |
| 1997        | 1,486        | 1,144        | 982          | 1,119        | 1,245        | 1,697        | 6,469         | 8,147         | 9,562         | 7,279        | 3,013        | 1,853        | 3,666        |
| 1998        | 1,366        | 1,111        | 952          | 1,221        | 1,678        | 2,057        | 7,199         | 9,022         | 9,315         | 3,470        | 2,327        | 1,556        | 3,440        |
| 1999        | 1,100        | 856          | 755          | 766          | 1,462        | 3,066        | 5,155         | 7,839         | 13,117        | 5,863        | 4,964        | 2,106        | 3,921        |
| 2000        | 1,497        | 1,296        | 1,233        | 1,277        | 2,819        | 4,437        | 9,414         | 8,996         | 11,414        | 5,069        | 2,976        | 1,921        | 4,362        |
| <b>Mean</b> | <b>1,755</b> | <b>1,362</b> | <b>1,167</b> | <b>1,194</b> | <b>1,717</b> | <b>3,405</b> | <b>6,903</b>  | <b>10,905</b> | <b>10,748</b> | <b>6,786</b> | <b>4,235</b> | <b>2,551</b> | <b>4,394</b> |
| <b>Max</b>  | <b>2,379</b> | <b>1,799</b> | <b>1,512</b> | <b>1,473</b> | <b>2,819</b> | <b>6,015</b> | <b>11,292</b> | <b>18,326</b> | <b>18,832</b> | <b>9,176</b> | <b>7,576</b> | <b>3,715</b> | <b>6,090</b> |
| <b>Min</b>  | <b>1,100</b> | <b>856</b>   | <b>755</b>   | <b>766</b>   | <b>931</b>   | <b>1,697</b> | <b>3,066</b>  | <b>5,407</b>  | <b>5,086</b>  | <b>3,470</b> | <b>2,327</b> | <b>1,556</b> | <b>2,843</b> |

Source: MRC HYMOS Database

**Table 6.17 Monthly Mean Discharge at Nong Khai**

| Year        | Jan          | Feb          | Mar          | Apr          | May          | Jun          | Jul           | Aug           | Sep           | Oct          | Nov          | Dec          | Mean         |
|-------------|--------------|--------------|--------------|--------------|--------------|--------------|---------------|---------------|---------------|--------------|--------------|--------------|--------------|
| 1961        | -            | -            | -            | -            | -            | -            | -             | -             | -             | -            | -            | -            | -            |
| 1962        | -            | -            | -            | -            | -            | -            | -             | -             | -             | -            | -            | -            | -            |
| 1963        | -            | -            | -            | -            | -            | -            | -             | -             | -             | -            | -            | -            | -            |
| 1964        | -            | -            | -            | -            | -            | -            | -             | -             | -             | -            | -            | -            | -            |
| 1965        | -            | -            | -            | -            | -            | -            | -             | -             | -             | -            | -            | -            | -            |
| 1966        | -            | -            | -            | -            | -            | -            | -             | -             | -             | -            | -            | -            | -            |
| 1967        | -            | -            | -            | -            | -            | -            | -             | -             | -             | -            | -            | -            | -            |
| 1968        | -            | -            | -            | -            | -            | -            | -             | -             | -             | -            | -            | -            | -            |
| 1969        | -            | -            | -            | 958          | 969          | 2,975        | 6,821         | 14,922        | 9,186         | 5,107        | 3,484        | 1,925        | -            |
| 1970        | 1,550        | 1,288        | 1,086        | 1,186        | 2,491        | 5,039        | 11,410        | 15,952        | 12,792        | 6,248        | 3,607        | 3,498        | 5,512        |
| 1971        | 2,153        | 1,639        | 1,295        | 1,239        | 1,553        | 4,104        | 11,918        | 18,761        | 15,244        | 7,051        | 4,549        | 2,701        | 6,017        |
| 1972        | 1,878        | 1,436        | 1,172        | 1,320        | 1,488        | 2,374        | 3,764         | 10,421        | 7,593         | 6,092        | 4,245        | 3,811        | 3,799        |
| 1973        | 2,032        | 1,519        | 1,475        | 1,334        | 1,897        | 4,018        | 8,376         | 13,145        | 16,557        | 7,409        | 5,184        | 3,273        | 5,518        |
| 1974        | 1,913        | 1,386        | 1,152        | 1,404        | 1,906        | 3,531        | 5,464         | 11,168        | 12,798        | 6,283        | 3,637        | 2,265        | 4,409        |
| 1975        | 1,886        | 1,356        | 1,096        | 1,187        | 1,563        | 4,220        | 6,233         | 9,110         | 11,131        | 6,169        | 3,816        | 2,361        | 4,177        |
| 1976        | 1,694        | 1,629        | 1,215        | 1,372        | 1,873        | 3,783        | 5,799         | 12,537        | 8,950         | 7,656        | 4,416        | 2,582        | 4,459        |
| 1977        | 1,846        | 1,411        | 1,241        | 1,480        | 1,737        | 2,315        | 6,085         | 9,209         | 9,782         | 6,357        | 4,458        | 2,504        | 4,035        |
| 1978        | 2,171        | 1,459        | 1,281        | 1,089        | 2,405        | 4,045        | 10,199        | 15,448        | 12,097        | 7,899        | 3,417        | 2,183        | 5,308        |
| 1979        | 1,631        | 1,301        | 1,011        | 997          | 1,545        | 3,385        | 4,590         | 8,482         | 11,325        | 6,896        | 3,087        | 2,116        | 3,864        |
| 1980        | 1,483        | 1,142        | 994          | 1,121        | 1,627        | 3,987        | 8,381         | 13,186        | 16,014        | 7,956        | 3,759        | 2,367        | 5,168        |
| 1981        | 1,735        | 1,385        | 1,139        | 1,195        | 2,810        | 5,961        | 10,711        | 12,657        | 10,998        | 6,355        | 5,022        | 3,283        | 5,271        |
| 1982        | 2,205        | 1,681        | 1,245        | 1,328        | 1,285        | 3,535        | 6,062         | 11,970        | 9,048         | 8,654        | 3,781        | 2,436        | 4,436        |
| 1983        | 1,626        | 1,315        | 1,308        | 1,246        | 1,450        | 2,734        | 4,499         | 9,466         | 11,839        | 6,655        | 5,936        | 3,170        | 4,270        |
| 1984        | 2,365        | 1,632        | 1,166        | 1,145        | 1,430        | 2,581        | 9,230         | 9,675         | 10,201        | 6,875        | 3,999        | 2,397        | 4,391        |
| 1985        | 1,758        | 1,355        | 1,084        | 1,126        | 1,523        | 4,131        | 6,956         | 10,742        | 13,953        | 6,915        | 5,386        | 3,437        | 4,864        |
| 1986        | 2,139        | 1,582        | 1,263        | 1,178        | 2,550        | 3,603        | 6,181         | 9,189         | 8,209         | 6,663        | 3,893        | 2,325        | 4,064        |
| 1987        | 1,882        | 1,445        | 1,181        | 1,105        | 1,280        | 2,304        | 3,336         | 7,851         | 9,129         | 6,805        | 3,867        | 2,306        | 3,541        |
| 1988        | 1,577        | 1,209        | 1,037        | 1,037        | 2,233        | 2,983        | 5,054         | 9,689         | 8,479         | 5,655        | 2,931        | 1,967        | 3,654        |
| 1989        | 1,344        | 1,067        | 990          | 966          | 1,486        | 3,007        | 5,346         | 8,432         | 7,531         | 8,168        | 3,927        | 2,089        | 3,696        |
| 1990        | 1,493        | 1,241        | 1,246        | 1,100        | 1,889        | 5,705        | 8,790         | 9,391         | 7,652         | 6,582        | 3,609        | 2,173        | 4,239        |
| 1991        | 1,633        | 1,309        | 1,089        | 1,249        | 1,630        | 3,379        | 8,227         | 11,826        | 10,008        | 7,007        | 4,561        | 2,515        | 4,536        |
| 1992        | 1,896        | 1,383        | 1,285        | 1,327        | 1,256        | 1,758        | 4,094         | 5,366         | 5,028         | 4,791        | 3,213        | 2,009        | 2,784        |
| 1993        | 1,633        | 1,274        | 1,217        | 1,110        | 1,581        | 1,951        | 6,835         | 9,178         | 11,689        | 6,000        | 3,725        | 1,991        | 4,015        |
| 1994        | 1,522        | 1,295        | 1,070        | 1,493        | 1,767        | 5,317        | 8,773         | 12,289        | 11,379        | 6,740        | 2,936        | 2,571        | 4,763        |
| 1995        | 1,773        | 1,349        | 1,247        | 1,029        | 1,730        | 3,382        | 7,559         | 14,486        | 13,475        | 7,277        | 3,961        | 2,683        | 4,996        |
| 1996        | 1,711        | 1,380        | 1,234        | 1,374        | 2,297        | 2,985        | 7,514         | 16,274        | 11,367        | 6,785        | 3,860        | 2,387        | 4,931        |
| 1997        | 1,741        | 1,374        | 1,157        | 1,331        | 1,507        | 2,120        | 7,707         | 9,477         | 11,070        | 8,072        | 3,591        | 2,438        | 4,299        |
| 1998        | 1,665        | 1,306        | 1,119        | 1,422        | 1,978        | 2,485        | 8,561         | 10,431        | 10,359        | 4,099        | 2,759        | 1,892        | 4,006        |
| 1999        | 1,428        | 1,167        | 971          | 991          | 1,878        | -            | -             | -             | -             | -            | -            | -            | -            |
| 2000        | -            | -            | -            | -            | -            | -            | -             | -             | -             | -            | -            | -            | -            |
| <b>Mean</b> | <b>1,779</b> | <b>1,377</b> | <b>1,169</b> | <b>1,208</b> | <b>1,762</b> | <b>3,457</b> | <b>7,149</b>  | <b>11,358</b> | <b>10,829</b> | <b>6,707</b> | <b>3,954</b> | <b>2,522</b> | <b>4,449</b> |
| <b>Max</b>  | <b>2,365</b> | <b>1,681</b> | <b>1,475</b> | <b>1,493</b> | <b>2,810</b> | <b>5,961</b> | <b>11,918</b> | <b>18,761</b> | <b>16,557</b> | <b>8,654</b> | <b>5,936</b> | <b>3,811</b> | <b>6,017</b> |
| <b>Min</b>  | <b>1,344</b> | <b>1,067</b> | <b>971</b>   | <b>958</b>   | <b>969</b>   | <b>1,758</b> | <b>3,336</b>  | <b>5,366</b>  | <b>5,028</b>  | <b>4,099</b> | <b>2,759</b> | <b>1,892</b> | <b>2,784</b> |

Source: MRC HYMOS Database

**Table 6.18 Monthly Mean Discharge at Nakhon Phanom**

| Year        | Jan          | Feb          | Mar          | Apr          | May          | Jun           | Jul           | Aug           | Sep           | Oct           | Nov          | Dec          | Mean         |
|-------------|--------------|--------------|--------------|--------------|--------------|---------------|---------------|---------------|---------------|---------------|--------------|--------------|--------------|
| 1961        | 2,147        | 1,722        | 1,422        | 1,576        | 2,136        | 8,497         | 10,884        | 16,994        | 25,663        | 17,063        | 6,072        | 3,577        | 8,146        |
| 1962        | 2,607        | 1,951        | 1,559        | 1,431        | 2,265        | 7,868         | 11,748        | 17,723        | 14,970        | 9,360         | 4,365        | 2,697        | 6,545        |
| 1963        | 2,013        | 1,576        | 1,368        | 1,238        | 1,353        | 6,067         | 15,998        | 25,281        | 20,070        | 9,103         | 8,841        | 3,948        | 8,071        |
| 1964        | 2,568        | 2,037        | 1,685        | 1,666        | 2,715        | 7,221         | 14,829        | 17,326        | 20,647        | 14,832        | 6,280        | 4,015        | 7,985        |
| 1965        | 2,696        | 2,186        | 1,690        | 1,560        | 1,883        | 11,756        | 15,323        | 17,987        | 16,403        | 8,273         | 9,091        | 3,634        | 7,707        |
| 1966        | 3,019        | 2,274        | 1,778        | 1,581        | 2,400        | 7,640         | 15,758        | 23,313        | 27,083        | 11,811        | 6,225        | 3,879        | 8,897        |
| 1967        | 2,820        | 2,223        | 1,870        | 1,455        | 2,131        | 4,409         | 7,935         | 13,680        | 16,423        | 10,628        | 3,418        | 2,830        | 5,819        |
| 1968        | 2,271        | 1,812        | 1,540        | 1,179        | 2,782        | 5,887         | 11,141        | 16,148        | 16,473        | 10,050        | 6,238        | 2,840        | 6,530        |
| 1969        | 1,912        | 1,585        | 1,225        | 1,155        | 1,274        | 9,027         | 15,942        | 23,890        | 13,676        | 6,971         | 4,776        | 2,996        | 7,036        |
| 1970        | 2,299        | 1,774        | 1,268        | 1,313        | 2,946        | 8,533         | 20,055        | 25,916        | 23,673        | 10,474        | 4,907        | 4,545        | 8,975        |
| 1971        | 2,960        | 2,205        | 1,731        | 1,461        | 1,714        | 6,246         | 20,161        | 26,652        | 22,157        | 10,652        | 5,146        | 2,820        | 8,659        |
| 1972        | 2,106        | 1,546        | 1,271        | 1,409        | 1,663        | 4,137         | 9,967         | 22,345        | 14,200        | 8,867         | 5,321        | 4,655        | 6,457        |
| 1973        | 2,437        | 1,684        | 1,550        | 1,406        | 2,356        | 6,002         | 12,918        | 17,945        | 25,847        | 11,354        | 5,785        | 3,876        | 7,763        |
| 1974        | 2,356        | 1,781        | 1,392        | 1,569        | 2,094        | 5,470         | 9,654         | 17,655        | 18,943        | 8,796         | 5,268        | 3,104        | 6,507        |
| 1975        | 2,432        | 1,737        | 1,337        | 1,326        | 2,018        | 7,635         | 11,875        | 18,974        | 20,600        | 10,255        | 5,100        | 3,146        | 7,203        |
| 1976        | 2,181        | 1,919        | 1,415        | 1,418        | 2,293        | 5,440         | 9,575         | 20,171        | 13,020        | 10,802        | 6,028        | 3,348        | 6,467        |
| 1977        | 2,348        | 1,718        | 1,810        | 2,034        | 2,086        | 2,906         | 9,020         | 12,630        | 14,307        | 7,468         | 5,227        | 3,016        | 5,381        |
| 1978        | 2,528        | 1,723        | 1,512        | 1,373        | 2,900        | 8,492         | 15,752        | 25,729        | 20,147        | 11,847        | 4,594        | 2,971        | 8,297        |
| 1979        | 2,283        | 1,931        | 1,564        | 1,514        | 2,916        | 6,188         | 10,185        | 15,775        | 16,413        | 8,479         | 4,115        | 2,852        | 6,185        |
| 1980        | 2,110        | 1,758        | 1,436        | 1,455        | 2,167        | 5,723         | 12,486        | 18,935        | 23,440        | 10,970        | 5,038        | 3,314        | 7,403        |
| 1981        | 2,500        | 2,009        | 1,636        | 1,559        | 3,369        | 11,113        | 19,994        | 21,635        | 18,403        | 11,536        | 6,292        | 4,248        | 8,691        |
| 1982        | 2,944        | 2,289        | 1,845        | 2,080        | 2,175        | 5,023         | 9,419         | 19,064        | 16,260        | 13,731        | 5,327        | 3,472        | 6,969        |
| 1983        | 2,633        | 2,141        | 1,979        | 1,876        | 2,097        | 3,841         | 7,543         | 15,181        | 17,593        | 10,824        | 6,647        | 4,061        | 6,368        |
| 1984        | 3,037        | 2,267        | 1,672        | 1,551        | 2,482        | 5,702         | 14,660        | 16,868        | 14,967        | 8,490         | 4,815        | 2,879        | 6,616        |
| 1985        | 2,167        | 1,763        | 1,333        | 1,235        | 2,000        | 6,905         | 10,861        | 17,784        | 18,657        | 8,421         | 5,624        | 3,888        | 6,720        |
| 1986        | 2,475        | 1,880        | 1,360        | 1,229        | 3,804        | 8,168         | 11,237        | 14,135        | 13,483        | 7,385         | 4,480        | 2,722        | 6,030        |
| 1987        | 2,066        | 1,633        | 1,347        | 1,199        | 1,333        | 3,308         | 5,656         | 13,846        | 13,650        | 8,844         | 4,468        | 2,875        | 5,019        |
| 1988        | 1,917        | 1,474        | 1,271        | 1,196        | 2,717        | 4,365         | 7,332         | 16,336        | 12,634        | 7,709         | 3,847        | 2,477        | 5,273        |
| 1989        | 1,632        | 1,254        | 1,057        | 1,049        | 1,865        | 5,871         | 8,480         | 13,726        | 12,059        | 11,298        | 5,199        | 2,801        | 5,524        |
| 1990        | 2,014        | 1,557        | 1,540        | 1,229        | 2,243        | 10,450        | 15,223        | 16,306        | 13,803        | 9,526         | 4,956        | 2,933        | 6,815        |
| 1991        | 2,025        | 1,531        | 1,303        | 1,464        | 1,798        | 4,675         | 12,178        | 18,903        | 15,367        | 8,563         | 5,237        | 3,187        | 6,353        |
| 1992        | 2,257        | 1,754        | 1,505        | 1,532        | 1,599        | 3,386         | 8,118         | 10,531        | 9,360         | 5,938         | 3,973        | 2,439        | 4,366        |
| 1993        | 1,774        | 1,287        | 1,224        | 1,108        | 2,022        | 4,618         | 14,444        | 15,974        | 15,141        | 7,113         | 4,485        | 2,562        | 5,979        |
| 1994        | 2,530        | 2,222        | 1,950        | 2,352        | 2,719        | 11,614        | 19,758        | 26,794        | 21,825        | 11,513        | 4,687        | 3,831        | 9,316        |
| 1995        | 2,717        | 2,105        | 1,871        | 1,828        | 2,371        | 6,244         | 14,360        | 26,532        | 26,503        | 11,800        | 5,524        | 4,003        | 8,822        |
| 1996        | 2,745        | 2,254        | 1,983        | 2,232        | 3,440        | 5,419         | 11,529        | 23,716        | 22,400        | 13,420        | 6,788        | 3,988        | 8,326        |
| 1997        | 2,675        | 2,186        | 1,919        | 2,295        | 2,438        | 3,949         | 17,171        | 22,861        | 21,997        | 12,129        | 4,829        | 3,126        | 8,131        |
| 1998        | 2,390        | 1,875        | 1,621        | 1,852        | 2,520        | 4,559         | 14,196        | 15,271        | 17,209        | 5,903         | 3,871        | 2,545        | 6,151        |
| 1999        | -            | -            | -            | -            | -            | -             | -             | -             | -             | -             | -            | -            | -            |
| 2000        | -            | -            | -            | -            | -            | -             | -             | -             | -             | -             | -            | -            | -            |
| <b>Mean</b> | <b>2,384</b> | <b>1,858</b> | <b>1,548</b> | <b>1,526</b> | <b>2,292</b> | <b>6,430</b>  | <b>12,720</b> | <b>18,961</b> | <b>18,039</b> | <b>10,058</b> | <b>5,339</b> | <b>3,318</b> | <b>7,040</b> |
| <b>Max</b>  | <b>3,037</b> | <b>2,289</b> | <b>1,983</b> | <b>2,352</b> | <b>3,804</b> | <b>11,756</b> | <b>20,161</b> | <b>26,794</b> | <b>27,083</b> | <b>17,063</b> | <b>9,091</b> | <b>4,655</b> | <b>9,316</b> |
| <b>Min</b>  | <b>1,632</b> | <b>1,254</b> | <b>1,057</b> | <b>1,049</b> | <b>1,274</b> | <b>2,906</b>  | <b>5,656</b>  | <b>10,531</b> | <b>9,360</b>  | <b>5,903</b>  | <b>3,418</b> | <b>2,439</b> | <b>4,366</b> |

Source: MRC HYMOS Database

**Table 6.19 Monthly Mean Discharge at Mukdahan**

| Year        | Jan                         | Feb          | Mar          | Apr          | May          | Jun           | Jul           | Aug           | Sep           | Oct           | Nov          | Dec          | Mean         |
|-------------|-----------------------------|--------------|--------------|--------------|--------------|---------------|---------------|---------------|---------------|---------------|--------------|--------------|--------------|
|             | (Unit: m <sup>3</sup> /sec) |              |              |              |              |               |               |               |               |               |              |              |              |
| 1961        | 2,183                       | 1,758        | 1,462        | 1,588        | 2,136        | 9,583         | 12,043        | 18,855        | 28,507        | 19,074        | 6,441        | 3,792        | 8,952        |
| 1962        | 2,769                       | 2,008        | 1,599        | 1,448        | 2,330        | 8,738         | 13,168        | 20,635        | 17,307        | 10,305        | 4,592        | 2,762        | 7,305        |
| 1963        | 2,042                       | 1,654        | 1,443        | 1,286        | 1,380        | 7,441         | 18,066        | 28,703        | 22,363        | 9,975         | 9,166        | 4,180        | 8,975        |
| 1964        | 2,674                       | 2,040        | 1,732        | 1,698        | 2,751        | 7,632         | 15,425        | 18,652        | 23,147        | 16,245        | 6,789        | 4,095        | 8,573        |
| 1965        | 2,719                       | 2,187        | 1,787        | 1,588        | 1,898        | 13,012        | 16,100        | 18,971        | 17,453        | 8,757         | 9,533        | 4,446        | 8,204        |
| 1966        | 3,028                       | 2,259        | 1,845        | 1,651        | 2,449        | 8,216         | 17,442        | 26,539        | 31,390        | 12,535        | 6,609        | 3,895        | 9,821        |
| 1967        | 2,849                       | 2,282        | 1,959        | 1,578        | 2,132        | 5,884         | 9,334         | 15,823        | 19,307        | 12,596        | 4,614        | 3,274        | 6,803        |
| 1968        | 2,172                       | 1,859        | 1,620        | 1,223        | 2,796        | 5,949         | 11,182        | 16,414        | 17,487        | 10,454        | 6,299        | 3,304        | 6,730        |
| 1969        | 2,058                       | 1,672        | 1,261        | 1,259        | 1,462        | 9,762         | 17,829        | 25,600        | 14,760        | 7,245         | 4,715        | 2,594        | 7,518        |
| 1970        | 2,003                       | 1,606        | 1,263        | 1,424        | 2,988        | 8,690         | 20,210        | 26,152        | 24,383        | 10,713        | 5,077        | 4,634        | 9,095        |
| 1971        | 3,035                       | 2,221        | 1,780        | 1,458        | 1,657        | 6,950         | 21,703        | 27,274        | 22,340        | 12,298        | 5,582        | 2,880        | 9,098        |
| 1972        | 2,127                       | 1,627        | 1,295        | 1,440        | 1,671        | 4,592         | 11,546        | 25,597        | 15,640        | 9,744         | 5,767        | 4,831        | 7,156        |
| 1973        | 2,464                       | 1,698        | 1,562        | 1,514        | 2,338        | 6,087         | 13,215        | 18,223        | 27,340        | 11,855        | 5,606        | 3,680        | 7,965        |
| 1974        | 2,205                       | 1,775        | 1,483        | 1,659        | 2,156        | 5,925         | 9,728         | 19,535        | 20,083        | 8,861         | 5,377        | 3,113        | 6,825        |
| 1975        | 2,489                       | 1,812        | 1,451        | 1,419        | 2,027        | 7,781         | 12,047        | 20,065        | 21,710        | 10,341        | 5,265        | 3,169        | 7,465        |
| 1976        | 2,210                       | 1,943        | 1,465        | 1,505        | 2,272        | 5,755         | 10,051        | 21,094        | 12,783        | 10,889        | 6,276        | 3,359        | 6,634        |
| 1977        | 2,310                       | 1,829        | 1,865        | 2,029        | 2,064        | 2,815         | 8,899         | 12,323        | 14,637        | 7,569         | 5,306        | 2,991        | 5,386        |
| 1978        | 2,447                       | 1,781        | 1,616        | 1,469        | 2,839        | 8,728         | 15,571        | 28,519        | 20,747        | 12,138        | 4,700        | 2,945        | 8,625        |
| 1979        | 2,253                       | 1,949        | 1,637        | 1,546        | 2,997        | 6,581         | 10,700        | 16,264        | 16,523        | 8,627         | 4,008        | 2,642        | 6,310        |
| 1980        | 1,930                       | 1,561        | 1,402        | 1,424        | 2,018        | 5,557         | 12,198        | 18,510        | 24,713        | 10,881        | 5,225        | 3,260        | 7,390        |
| 1981        | 2,396                       | 1,948        | 1,678        | 1,573        | 3,240        | 11,569        | 20,500        | 22,081        | 18,167        | 11,471        | 6,489        | 4,255        | 8,781        |
| 1982        | 2,795                       | 2,091        | 1,700        | 1,857        | 2,017        | 4,991         | 10,351        | 21,055        | 18,170        | 15,311        | 5,648        | 3,384        | 7,447        |
| 1983        | 2,402                       | 1,919        | 1,754        | 1,704        | 1,994        | 3,944         | 8,100         | 16,810        | 19,757        | 12,326        | 7,085        | 3,809        | 6,800        |
| 1984        | 2,723                       | 1,974        | 1,445        | 1,459        | 2,511        | 6,211         | 16,839        | 20,677        | 17,583        | 10,258        | 5,698        | 3,175        | 7,546        |
| 1985        | 2,401                       | 1,979        | 1,668        | 1,542        | 2,184        | 8,265         | 12,639        | 20,448        | 20,737        | 10,204        | 6,614        | 4,512        | 7,766        |
| 1986        | 2,789                       | 2,135        | 1,690        | 1,501        | 4,397        | 9,751         | 13,080        | 16,519        | 15,720        | 8,764         | 5,269        | 3,074        | 7,057        |
| 1987        | 2,327                       | 1,928        | 1,624        | 1,449        | 1,616        | 3,810         | 7,438         | 16,696        | 16,163        | 10,274        | 5,175        | 3,283        | 5,982        |
| 1988        | 2,215                       | 1,774        | 1,571        | 1,650        | 3,302        | 5,374         | 8,738         | 18,955        | 13,996        | 9,068         | 4,499        | 2,830        | 6,164        |
| 1989        | 1,958                       | 1,579        | 1,369        | 1,353        | 2,220        | 7,162         | 10,062        | 16,432        | 14,103        | 13,100        | 6,168        | 3,195        | 6,558        |
| 1990        | 2,325                       | 1,859        | 1,845        | 1,483        | 2,628        | 12,729        | 17,703        | 19,419        | 17,063        | 11,592        | 6,028        | 3,346        | 8,168        |
| 1991        | 2,368                       | 1,930        | 1,684        | 1,845        | 2,177        | 5,327         | 14,419        | 22,929        | 17,867        | 10,654        | 6,555        | 3,541        | 7,608        |
| 1992        | 2,785                       | 2,276        | 1,777        | 1,726        | 1,818        | 3,835         | 9,836         | 12,833        | 11,238        | 7,352         | 4,643        | 2,769        | 5,241        |
| 1993        | 2,052                       | 1,651        | 1,548        | 1,453        | 2,298        | 4,971         | 15,926        | 17,903        | 16,683        | 7,750         | 4,678        | 2,705        | 6,635        |
| 1994        | 2,084                       | 1,802        | 1,494        | 1,877        | 2,259        | 11,793        | 19,933        | 26,217        | 21,478        | 11,551        | 4,443        | 3,469        | 9,033        |
| 1995        | 2,479                       | 1,861        | 1,632        | 1,457        | 2,248        | 6,430         | 14,057        | 25,317        | 25,547        | 11,481        | 5,532        | 3,658        | 8,475        |
| 1996        | 2,273                       | 1,846        | 1,683        | 1,841        | 2,970        | 4,799         | 10,745        | 23,932        | 23,693        | 13,287        | 6,263        | 3,360        | 8,058        |
| 1997        | 2,398                       | 1,918        | 1,644        | 1,986        | 2,202        | 3,874         | 17,423        | 23,845        | 21,830        | 11,669        | 4,653        | 2,888        | 8,027        |
| 1998        | 2,094                       | 1,683        | 1,455        | 1,655        | 2,248        | 4,360         | 13,771        | 14,342        | 16,244        | 5,622         | 3,452        | 2,199        | 5,760        |
| 1999        | 1,751                       | 1,502        | 1,343        | 1,514        | 4,098        | -             | -             | -             | -             | -             | -            | -            | -            |
| 2000        | -                           | -            | -            | -            | -            | -             | -             | -             | -             | -             | -            | -            | -            |
| <b>Mean</b> | <b>2,374</b>                | <b>1,876</b> | <b>1,593</b> | <b>1,567</b> | <b>2,379</b> | <b>6,970</b>  | <b>13,632</b> | <b>20,530</b> | <b>19,438</b> | <b>10,864</b> | <b>5,680</b> | <b>3,403</b> | <b>7,525</b> |
| <b>Max</b>  | <b>3,035</b>                | <b>2,282</b> | <b>1,959</b> | <b>2,029</b> | <b>4,397</b> | <b>13,012</b> | <b>21,703</b> | <b>28,703</b> | <b>31,390</b> | <b>19,074</b> | <b>9,533</b> | <b>4,831</b> | <b>9,821</b> |
| <b>Min</b>  | <b>1,751</b>                | <b>1,502</b> | <b>1,261</b> | <b>1,223</b> | <b>1,380</b> | <b>2,815</b>  | <b>7,438</b>  | <b>12,323</b> | <b>11,238</b> | <b>5,622</b>  | <b>3,452</b> | <b>2,199</b> | <b>5,241</b> |

Source: MRC HYMOS Database

**Table 6.20 Monthly Mean Discharge at Khon Chiam**

| Year        | Jan          | Feb          | Mar          | Apr          | May          | Jun           | Jul           | Aug           | Sep           | Oct           | Nov           | Dec          | Mean          |
|-------------|--------------|--------------|--------------|--------------|--------------|---------------|---------------|---------------|---------------|---------------|---------------|--------------|---------------|
| 1961        | -            | -            | -            | -            | -            | -             | -             | -             | -             | -             | -             | -            | -             |
| 1962        | -            | -            | -            | -            | -            | -             | -             | -             | -             | -             | -             | -            | -             |
| 1963        | -            | -            | -            | -            | -            | -             | -             | -             | -             | -             | -             | -            | -             |
| 1964        | -            | -            | -            | -            | -            | -             | -             | -             | -             | -             | -             | -            | -             |
| 1965        | -            | -            | -            | -            | -            | -             | -             | -             | -             | -             | -             | -            | -             |
| 1966        | 3,130        | 2,576        | 2,313        | 2,228        | 3,548        | 8,688         | 18,077        | 29,484        | 37,670        | 14,729        | 6,746         | 4,011        | 11,100        |
| 1967        | 3,108        | 2,638        | 2,400        | 1,685        | 2,368        | 6,530         | 9,949         | 17,042        | 22,427        | 15,690        | 5,704         | 3,932        | 7,789         |
| 1968        | 2,445        | 1,887        | 1,581        | 1,372        | 2,980        | 6,270         | 10,858        | 18,558        | 23,823        | 11,471        | 6,320         | 3,034        | 7,550         |
| 1969        | 2,213        | 1,951        | 1,745        | 1,512        | 1,677        | 9,531         | 19,845        | 26,977        | 18,213        | 9,789         | 6,048         | 3,202        | 8,559         |
| 1970        | 2,331        | 1,913        | 1,610        | 1,741        | 3,257        | 9,012         | 20,413        | 30,535        | 29,740        | 12,976        | 5,917         | 4,608        | 10,338        |
| 1971        | 2,859        | 2,050        | 1,698        | 1,606        | 2,400        | 7,969         | 25,361        | 29,165        | 25,297        | 13,584        | 7,055         | 4,682        | 10,310        |
| 1972        | 3,662        | 2,846        | 2,209        | 2,306        | 2,863        | 6,395         | 13,347        | 31,281        | 18,990        | 11,751        | 6,799         | 5,572        | 9,002         |
| 1973        | 3,390        | 2,255        | 1,863        | 1,684        | 2,700        | 6,574         | 14,797        | 20,216        | 30,920        | 13,357        | 7,006         | 4,704        | 9,122         |
| 1974        | 2,685        | 2,168        | 1,738        | 2,015        | 2,752        | 8,109         | 11,078        | 28,055        | 26,920        | 11,376        | 6,352         | 3,666        | 8,909         |
| 1975        | 2,905        | 2,223        | 1,755        | 1,641        | 2,645        | 9,698         | 15,232        | 26,281        | 29,433        | 15,445        | 7,480         | 4,260        | 9,917         |
| 1976        | 3,067        | 2,631        | 2,164        | 2,422        | 3,602        | 6,657         | 12,894        | 26,658        | 16,783        | 14,735        | 8,966         | 3,939        | 8,710         |
| 1977        | 2,203        | 1,475        | 1,518        | 1,688        | 1,933        | 3,075         | 9,558         | 15,448        | 23,713        | 10,240        | 6,044         | 3,420        | 6,693         |
| 1978        | 2,805        | 1,842        | 1,631        | 1,504        | 2,888        | 8,217         | 19,242        | 40,539        | 31,160        | 22,094        | 7,194         | 3,390        | 11,875        |
| 1979        | 2,559        | 2,110        | 1,755        | 1,648        | 3,552        | 9,691         | 15,115        | 22,783        | 20,557        | 12,783        | 5,125         | 3,569        | 8,437         |
| 1980        | 2,713        | 2,157        | 1,892        | 1,876        | 2,775        | 7,316         | 15,577        | 23,094        | 34,053        | 17,355        | 8,905         | 5,005        | 10,226        |
| 1981        | 3,619        | 2,785        | 2,371        | 2,246        | 4,044        | 17,228        | 26,948        | 31,568        | 23,423        | 14,965        | 8,126         | 5,594        | 11,910        |
| 1982        | 3,811        | 3,094        | 2,318        | 2,329        | 2,577        | 5,660         | 11,040        | 22,771        | 25,033        | 20,171        | 7,414         | 4,275        | 9,208         |
| 1983        | 3,134        | 2,464        | 2,115        | 2,115        | 2,366        | 4,987         | 9,397         | 21,868        | 22,963        | 16,006        | 10,121        | 5,371        | 8,576         |
| 1984        | 3,568        | 2,542        | 1,811        | 1,669        | 3,240        | 7,401         | 18,535        | 29,806        | 24,717        | 13,294        | 7,342         | 3,944        | 9,822         |
| 1985        | 2,803        | 2,161        | 1,885        | 1,706        | 2,679        | 12,358        | 14,842        | 27,032        | 26,587        | 13,001        | 7,672         | 5,400        | 9,844         |
| 1986        | 3,309        | 2,489        | 1,986        | 1,721        | 4,884        | 10,606        | 17,168        | 24,974        | 23,620        | 11,347        | 6,316         | 3,712        | 9,344         |
| 1987        | 2,642        | 2,148        | 1,817        | 1,562        | 1,845        | 4,450         | 9,435         | 20,513        | 21,697        | 12,777        | 6,282         | 4,051        | 7,435         |
| 1988        | -            | -            | -            | -            | -            | -             | -             | -             | -             | -             | -             | -            | -             |
| 1989        | 2,442        | 1,823        | 1,504        | 1,581        | 2,774        | 8,061         | 11,249        | 20,919        | 17,383        | 14,529        | 7,264         | 4,088        | 7,801         |
| 1990        | 3,012        | 2,214        | 2,283        | 1,846        | 2,933        | 13,065        | 19,577        | 24,061        | 24,247        | 15,358        | 7,915         | 4,339        | 10,071        |
| 1991        | 2,970        | 2,165        | 1,975        | 1,955        | 2,192        | 5,516         | 15,330        | 28,697        | 26,223        | 15,113        | 8,154         | 4,163        | 9,538         |
| 1992        | 3,467        | 2,819        | 2,494        | 2,094        | 2,163        | 5,012         | 10,906        | 18,039        | 15,650        | 9,348         | 5,803         | 3,464        | 6,772         |
| 1993        | 2,403        | 1,954        | 1,845        | 1,775        | 2,626        | 4,934         | 15,078        | 17,890        | 18,012        | 8,042         | 4,705         | 2,713        | 6,831         |
| 1994        | 1,973        | 1,742        | 1,449        | 1,764        | 2,133        | 10,887        | 19,968        | 26,943        | 24,832        | 12,544        | 4,511         | 3,457        | 9,350         |
| 1995        | 2,537        | 2,010        | 1,835        | 1,620        | 2,282        | 5,890         | 13,383        | 26,040        | 27,319        | 13,426        | 6,470         | 3,893        | 8,892         |
| 1996        | 2,631        | 2,025        | 1,876        | 2,021        | 2,893        | 4,823         | 11,251        | 24,581        | 27,770        | 15,658        | 8,274         | 4,627        | 9,036         |
| 1997        | 2,991        | 2,023        | 1,793        | 2,135        | 2,372        | 3,858         | 18,418        | 28,574        | 23,797        | 13,120        | 5,023         | 3,196        | 8,942         |
| 1998        | 2,274        | 1,883        | 1,651        | 1,783        | 2,338        | 4,074         | 13,808        | 14,677        | 18,310        | 6,395         | 3,843         | 2,597        | 6,136         |
| 1999        | 1,935        | 1,727        | 1,616        | 1,789        | 4,317        | -             | -             | -             | -             | -             | -             | -            | -             |
| 2000        | -            | -            | -            | -            | -            | -             | -             | -             | -             | -             | -             | -            | -             |
| <b>Mean</b> | <b>2,836</b> | <b>2,206</b> | <b>1,894</b> | <b>1,838</b> | <b>2,806</b> | <b>7,579</b>  | <b>15,240</b> | <b>24,846</b> | <b>24,415</b> | <b>13,515</b> | <b>6,778</b>  | <b>4,059</b> | <b>9,001</b>  |
| <b>Max</b>  | <b>3,811</b> | <b>3,094</b> | <b>2,494</b> | <b>2,422</b> | <b>4,884</b> | <b>17,228</b> | <b>26,948</b> | <b>40,539</b> | <b>37,670</b> | <b>22,094</b> | <b>10,121</b> | <b>5,594</b> | <b>11,910</b> |
| <b>Min</b>  | <b>1,935</b> | <b>1,475</b> | <b>1,449</b> | <b>1,372</b> | <b>1,677</b> | <b>3,075</b>  | <b>9,397</b>  | <b>14,677</b> | <b>15,650</b> | <b>6,395</b>  | <b>3,843</b>  | <b>2,597</b> | <b>6,136</b>  |

Source: MRC HYMOS Database

**Table 6.21 Monthly Mean Discharge at Pakse**

(Unit: m<sup>3</sup>/sec)

| Year        | Jan          | Feb          | Mar          | Apr          | May          | Jun           | Jul           | Aug           | Sep           | Oct           | Nov           | Dec          | Mean          |
|-------------|--------------|--------------|--------------|--------------|--------------|---------------|---------------|---------------|---------------|---------------|---------------|--------------|---------------|
| 1,961       | 2,371        | 1,850        | 1,559        | 1,704        | 2,607        | 13,344        | 17,448        | 25,845        | 38,530        | 27,423        | 8,908         | 4,071        | 12,138        |
| 1,962       | 2,908        | 2,203        | 1,772        | 1,549        | 2,836        | 10,867        | 18,239        | 26,819        | 25,027        | 17,442        | 7,376         | 3,156        | 10,016        |
| 1,963       | 2,220        | 1,743        | 1,418        | 1,282        | 1,476        | 9,065         | 18,499        | 31,977        | 25,310        | 14,108        | 11,007        | 5,149        | 10,271        |
| 1,964       | 2,841        | 2,154        | 1,813        | 1,795        | 3,287        | 8,776         | 17,090        | 20,861        | 29,140        | 22,477        | 9,748         | 4,922        | 10,409        |
| 1,965       | 2,950        | 2,325        | 1,899        | 1,710        | 2,137        | 15,514        | 19,790        | 21,839        | 21,387        | 11,309        | 10,152        | 4,671        | 9,640         |
| 1,966       | 4,350        | 3,098        | 2,038        | 1,652        | 4,142        | 9,872         | 19,275        | 30,807        | 40,031        | 15,616        | 7,727         | 4,669        | 11,940        |
| 1,967       | 3,383        | 2,567        | 2,096        | 1,704        | 2,505        | 6,789         | 10,388        | 18,365        | 24,190        | 17,266        | 5,835         | 4,046        | 8,261         |
| 1,968       | 2,565        | 2,103        | 1,746        | 1,557        | 3,284        | 6,081         | 11,634        | 19,955        | 26,040        | 12,185        | 7,068         | 3,559        | 8,148         |
| 1,969       | 2,370        | 1,841        | 1,488        | 1,362        | 1,646        | 10,062        | 21,200        | 28,658        | 19,680        | 10,433        | 6,339         | 3,198        | 9,023         |
| 1,970       | 2,190        | 1,723        | 1,393        | 1,568        | 3,035        | 9,821         | 22,661        | 32,635        | 32,153        | 14,195        | 6,522         | 4,972        | 11,072        |
| 1,971       | 3,138        | 2,217        | 1,781        | 1,600        | 2,082        | 8,827         | 27,645        | 30,965        | 26,870        | 14,345        | 7,186         | 4,009        | 10,889        |
| 1,972       | 2,956        | 2,330        | 1,870        | 1,988        | 2,197        | 6,875         | 14,230        | 34,271        | 21,223        | 14,113        | 8,192         | 5,860        | 9,675         |
| 1,973       | 3,245        | 2,288        | 1,911        | 1,751        | 2,879        | 7,099         | 15,861        | 22,055        | 32,207        | 15,864        | 7,570         | 4,832        | 9,797         |
| 1,974       | 2,950        | 2,318        | 1,831        | 2,105        | 2,936        | 8,978         | 11,249        | 29,071        | 28,173        | 12,621        | 7,193         | 4,059        | 9,457         |
| 1,975       | 2,977        | 2,333        | 1,777        | 1,696        | 2,627        | 10,464        | 16,439        | 27,526        | 31,023        | 17,568        | 9,221         | 4,051        | 10,642        |
| 1,976       | 2,731        | 2,370        | 1,994        | 2,042        | 3,280        | 7,221         | 12,867        | 27,690        | 18,057        | 16,542        | 10,085        | 4,658        | 9,128         |
| 1,977       | 2,645        | 1,946        | 1,978        | 2,196        | 2,420        | 3,210         | 10,427        | 17,016        | 23,733        | 11,683        | 6,800         | 3,673        | 7,311         |
| 1,978       | 3,135        | 2,250        | 1,901        | 1,795        | 3,122        | 10,594        | 20,203        | 41,940        | 32,333        | 22,971        | 7,971         | 3,914        | 12,677        |
| 1,979       | 2,911        | 2,385        | 1,990        | 1,945        | 4,066        | 11,449        | 17,332        | 25,330        | 23,493        | 13,726        | 5,365         | 3,456        | 9,454         |
| 1,980       | 2,479        | 1,950        | 1,741        | 1,745        | 2,648        | 7,693         | 16,042        | 23,342        | 34,647        | 18,026        | 9,459         | 4,431        | 10,350        |
| 1,981       | 3,030        | 2,426        | 2,145        | 2,125        | 3,883        | 17,551        | 27,171        | 32,523        | 23,507        | 15,558        | 8,677         | 5,489        | 12,007        |
| 1,982       | 3,561        | 2,765        | 2,201        | 2,319        | 2,645        | 6,111         | 12,286        | 23,284        | 26,027        | 21,110        | 8,125         | 4,370        | 9,567         |
| 1,983       | 3,020        | 2,336        | 2,208        | 2,071        | 2,395        | 5,391         | 9,611         | 19,874        | 23,633        | 17,219        | 11,023        | 5,517        | 8,692         |
| 1,984       | 3,494        | 2,462        | 1,877        | 1,674        | 3,305        | 8,158         | 19,548        | 32,023        | 26,960        | 14,719        | 8,183         | 4,082        | 10,540        |
| 1,985       | 2,908        | 2,245        | 2,008        | 1,828        | 2,666        | 11,753        | 15,861        | 27,445        | 26,873        | 13,999        | 7,964         | 5,298        | 10,071        |
| 1,986       | 3,023        | 2,358        | 1,937        | 1,747        | 4,752        | 11,619        | 16,037        | 23,426        | 21,140        | 11,206        | 6,729         | 3,763        | 8,978         |
| 1,987       | 2,521        | 2,135        | 1,859        | 1,685        | 1,918        | 4,414         | 10,806        | 21,029        | 22,263        | 13,416        | 6,394         | 4,046        | 7,707         |
| 1,988       | 2,641        | 1,889        | 1,665        | 1,607        | 3,444        | 7,513         | 9,557         | 22,813        | 16,327        | 12,045        | 5,722         | 3,142        | 7,364         |
| 1,989       | 2,061        | 1,667        | 1,482        | 1,513        | 2,642        | 8,690         | 12,358        | 23,158        | 19,307        | 15,971        | 7,562         | 3,684        | 8,341         |
| 1,990       | 2,680        | 2,294        | 2,425        | 2,091        | 2,898        | 13,719        | 19,984        | 24,058        | 24,637        | 16,419        | 8,239         | 4,211        | 10,305        |
| 1,991       | 2,802        | 2,039        | 1,748        | 1,827        | 2,159        | 5,821         | 16,916        | 30,206        | 27,700        | 16,565        | 8,809         | 4,091        | 10,057        |
| 1,992       | 2,887        | 2,236        | 1,910        | 1,762        | 2,014        | 5,262         | 12,076        | 20,006        | 17,513        | 10,544        | 5,961         | 3,119        | 7,107         |
| 1,993       | 2,324        | 1,731        | 1,575        | 1,449        | 2,451        | 5,822         | 17,959        | 21,619        | 21,793        | 9,996         | 5,783         | 3,147        | 7,971         |
| 1,994       | 2,264        | 2,029        | 1,647        | 2,005        | 2,440        | 12,853        | 23,240        | 29,495        | 28,234        | 14,985        | 5,425         | 3,984        | 10,717        |
| 1,995       | 2,819        | 2,089        | 1,868        | 1,650        | 2,586        | 7,004         | 16,014        | 28,826        | 29,962        | 15,751        | 7,708         | 4,266        | 10,045        |
| 1,996       | 2,813        | 2,218        | 2,041        | 2,154        | 3,583        | 5,730         | 12,887        | 27,095        | 30,453        | 19,705        | 10,927        | 5,459        | 10,422        |
| 1,997       | 2,898        | 2,282        | 1,919        | 2,402        | 2,677        | 3,397         | 20,953        | 32,941        | 26,737        | 14,856        | 5,541         | 3,312        | 9,993         |
| 1,998       | 2,557        | 1,975        | 1,707        | 1,881        | 2,636        | 4,811         | 15,019        | 16,150        | 20,111        | 7,400         | 4,510         | 2,921        | 6,807         |
| 1,999       | 1,982        | 1,734        | 1,502        | 1,778        | 4,907        | 12,556        | 15,425        | 23,823        | 26,175        | 15,073        | 10,416        | 4,646        | 10,001        |
| 2,000       | 2,880        | 2,399        | 2,349        | 2,427        | 7,202        | 15,348        | 28,706        | 27,451        | 36,393        | 15,178        | 7,561         | 4,099        | 12,666        |
| <b>Mean</b> | <b>2,812</b> | <b>2,183</b> | <b>1,852</b> | <b>1,819</b> | <b>2,960</b> | <b>8,903</b>  | <b>16,773</b> | <b>26,105</b> | <b>26,225</b> | <b>15,291</b> | <b>7,775</b>  | <b>4,200</b> | <b>9,741</b>  |
| <b>Max</b>  | <b>4,350</b> | <b>3,098</b> | <b>2,425</b> | <b>2,427</b> | <b>7,202</b> | <b>17,551</b> | <b>28,706</b> | <b>41,940</b> | <b>40,031</b> | <b>27,423</b> | <b>11,023</b> | <b>5,860</b> | <b>12,677</b> |
| <b>Min</b>  | <b>1,982</b> | <b>1,667</b> | <b>1,393</b> | <b>1,282</b> | <b>1,476</b> | <b>3,210</b>  | <b>9,557</b>  | <b>16,150</b> | <b>16,327</b> | <b>7,400</b>  | <b>4,510</b>  | <b>2,921</b> | <b>6,807</b>  |

Source: MRC HYMOS Database

**Table 6.22 Monthly Mean Discharges of Non-exceedance Probabilities by Station on Mekong Mainstream (1/3)**

**Chiang Saen (1961-1998)**

(Unit : m<sup>3</sup>/s)

| Month | Min   | 10%   | 20%   | 30%   | 40%   | 50%   | 60%   | 70%   | 80%   | 90%   | Max    |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| Jan   | 905   | 938   | 994   | 1,054 | 1,072 | 1,130 | 1,175 | 1,233 | 1,312 | 1,388 | 1,507  |
| Feb   | 729   | 772   | 800   | 876   | 907   | 920   | 937   | 993   | 1,050 | 1,085 | 1,246  |
| Mar   | 616   | 655   | 729   | 771   | 803   | 808   | 842   | 866   | 951   | 995   | 1,185  |
| Apr   | 622   | 700   | 811   | 846   | 915   | 932   | 948   | 956   | 1,002 | 1,051 | 1,209  |
| May   | 747   | 909   | 1,089 | 1,112 | 1,197 | 1,231 | 1,333 | 1,387 | 1,508 | 1,730 | 2,109  |
| Jun   | 1,406 | 1,598 | 1,834 | 2,042 | 2,139 | 2,299 | 2,490 | 2,663 | 3,008 | 3,451 | 4,099  |
| Jul   | 2,778 | 2,933 | 3,618 | 4,011 | 4,120 | 4,373 | 5,037 | 5,345 | 5,884 | 6,318 | 7,585  |
| Aug   | 2,860 | 4,315 | 4,822 | 5,109 | 5,892 | 6,258 | 6,666 | 7,159 | 7,675 | 9,013 | 10,995 |
| Sep   | 2,911 | 3,973 | 4,235 | 4,529 | 4,852 | 5,154 | 5,777 | 5,856 | 6,260 | 6,642 | 11,573 |
| Oct   | 2,679 | 2,754 | 3,191 | 3,317 | 3,439 | 3,837 | 3,995 | 4,184 | 4,468 | 5,066 | 6,041  |
| Nov   | 1,711 | 1,813 | 1,972 | 2,035 | 2,279 | 2,409 | 2,456 | 2,600 | 2,999 | 3,305 | 4,436  |
| Dec   | 1,085 | 1,196 | 1,309 | 1,453 | 1,489 | 1,596 | 1,615 | 1,665 | 1,802 | 1,955 | 2,585  |

Source: WUP-JICA Study Team

**Luang Prabang (1961-2000)**

(Unit : m<sup>3</sup>/s)

| Month | Min   | 10%   | 20%   | 30%   | 40%   | 50%   | 60%   | 70%    | 80%    | 90%    | Max    |
|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|
| Jan   | 1,135 | 1,381 | 1,449 | 1,497 | 1,537 | 1,628 | 1,762 | 1,822  | 1,875  | 2,138  | 2,378  |
| Feb   | 776   | 1,051 | 1,127 | 1,150 | 1,186 | 1,277 | 1,318 | 1,380  | 1,453  | 1,562  | 1,716  |
| Mar   | 673   | 887   | 917   | 959   | 1,022 | 1,059 | 1,106 | 1,139  | 1,193  | 1,248  | 1,395  |
| Apr   | 625   | 892   | 989   | 1,014 | 1,057 | 1,093 | 1,146 | 1,228  | 1,271  | 1,309  | 1,404  |
| May   | 921   | 1,155 | 1,300 | 1,362 | 1,465 | 1,482 | 1,566 | 1,631  | 1,768  | 2,101  | 2,878  |
| Jun   | 1,597 | 1,864 | 2,322 | 2,590 | 2,680 | 2,872 | 3,193 | 3,574  | 3,796  | 4,245  | 5,601  |
| Jul   | 3,405 | 4,024 | 4,876 | 5,157 | 5,442 | 6,076 | 6,791 | 7,493  | 8,071  | 8,714  | 10,552 |
| Aug   | 3,934 | 7,331 | 8,012 | 8,344 | 8,933 | 9,661 | 9,907 | 11,066 | 11,824 | 12,990 | 16,906 |
| Sep   | 3,911 | 6,506 | 7,254 | 7,597 | 7,987 | 8,435 | 9,090 | 9,792  | 10,399 | 11,621 | 16,360 |
| Oct   | 3,760 | 4,663 | 5,005 | 5,397 | 5,519 | 5,663 | 5,822 | 6,245  | 6,472  | 6,844  | 7,888  |
| Nov   | 2,580 | 2,748 | 3,232 | 3,377 | 3,490 | 3,533 | 3,669 | 3,888  | 4,357  | 5,008  | 6,637  |
| Dec   | 1,742 | 1,945 | 2,005 | 2,078 | 2,225 | 2,334 | 2,372 | 2,495  | 2,639  | 3,121  | 3,698  |

Source: WUP-JICA Study Team

**Chiang Khan (1968-1998)**

(Unit : m<sup>3</sup>/s)

| Month | Min   | 10%   | 20%   | 30%   | 40%   | 50%    | 60%    | 70%    | 80%    | 90%    | Max    |
|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|
| Jan   | 1,276 | 1,482 | 1,539 | 1,597 | 1,657 | 1,704  | 1,791  | 1,859  | 1,933  | 2,131  | 2,327  |
| Feb   | 1,002 | 1,069 | 1,136 | 1,187 | 1,211 | 1,290  | 1,306  | 1,389  | 1,430  | 1,550  | 1,602  |
| Mar   | 818   | 861   | 908   | 958   | 1,031 | 1,055  | 1,090  | 1,120  | 1,139  | 1,253  | 1,328  |
| Apr   | 817   | 881   | 916   | 952   | 1,005 | 1,038  | 1,085  | 1,174  | 1,194  | 1,259  | 1,298  |
| May   | 834   | 1,224 | 1,310 | 1,325 | 1,354 | 1,422  | 1,578  | 1,836  | 2,085  | 2,156  | 2,652  |
| Jun   | 1,691 | 1,868 | 2,309 | 2,717 | 3,005 | 3,164  | 3,429  | 3,751  | 3,930  | 5,175  | 6,008  |
| Jul   | 3,237 | 4,226 | 5,304 | 5,556 | 5,907 | 6,312  | 7,623  | 7,988  | 8,626  | 9,646  | 11,671 |
| Aug   | 5,142 | 8,126 | 8,687 | 8,876 | 9,150 | 10,273 | 10,735 | 12,003 | 12,941 | 14,361 | 18,123 |
| Sep   | 5,027 | 7,341 | 7,687 | 8,654 | 9,028 | 9,754  | 10,095 | 10,638 | 11,511 | 13,045 | 14,667 |
| Oct   | 3,935 | 4,950 | 5,877 | 6,095 | 6,268 | 6,435  | 6,618  | 6,716  | 7,376  | 7,841  | 8,136  |
| Nov   | 2,719 | 3,061 | 3,339 | 3,541 | 3,616 | 3,805  | 3,989  | 4,155  | 4,623  | 5,069  | 5,691  |
| Dec   | 1,739 | 2,111 | 2,152 | 2,258 | 2,281 | 2,326  | 2,391  | 2,628  | 3,044  | 3,236  | 3,680  |

Source: WUP-JICA Study Team

**Table 6.22 Monthly Mean Discharges of Non-exceedance Probabilities by Station on Mekong Mainstream (2/3)**

**Vientiane (1961-2000)**

(Unit : m<sup>3</sup>/s)

| Month | Min   | 10%   | 20%   | 30%   | 40%   | 50%    | 60%    | 70%    | 80%    | 90%    | Max    |
|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|
| Jan   | 1,100 | 1,414 | 1,486 | 1,550 | 1,609 | 1,768  | 1,822  | 1,885  | 1,921  | 2,187  | 2,379  |
| Feb   | 856   | 1,117 | 1,204 | 1,274 | 1,318 | 1,351  | 1,398  | 1,449  | 1,486  | 1,597  | 1,799  |
| Mar   | 755   | 957   | 1,027 | 1,069 | 1,107 | 1,186  | 1,233  | 1,271  | 1,295  | 1,331  | 1,512  |
| Apr   | 766   | 969   | 1,025 | 1,108 | 1,153 | 1,205  | 1,246  | 1,281  | 1,352  | 1,377  | 1,473  |
| May   | 931   | 1,245 | 1,331 | 1,459 | 1,525 | 1,661  | 1,709  | 1,780  | 2,089  | 2,301  | 2,819  |
| Jun   | 1,697 | 2,057 | 2,435 | 2,849 | 3,025 | 3,291  | 3,548  | 3,912  | 4,124  | 4,475  | 6,015  |
| Jul   | 3,066 | 4,508 | 5,155 | 5,765 | 6,038 | 6,419  | 7,199  | 7,956  | 8,562  | 9,512  | 11,292 |
| Aug   | 5,407 | 8,147 | 8,830 | 9,022 | 9,372 | 10,510 | 11,295 | 12,034 | 13,084 | 14,328 | 18,326 |
| Sep   | 5,086 | 7,658 | 8,922 | 9,319 | 9,800 | 9,911  | 10,811 | 11,603 | 12,591 | 13,663 | 18,832 |
| Oct   | 3,470 | 5,069 | 6,040 | 6,278 | 6,559 | 6,744  | 6,932  | 7,065  | 7,629  | 8,288  | 9,176  |
| Nov   | 2,327 | 3,013 | 3,321 | 3,655 | 3,880 | 3,950  | 4,284  | 4,507  | 4,964  | 5,241  | 7,576  |
| Dec   | 1,556 | 1,921 | 2,106 | 2,163 | 2,242 | 2,496  | 2,534  | 2,725  | 3,037  | 3,349  | 3,715  |

Source: WUP-JICA Study Team

**Nong Khai (1970-1998)**

(Unit : m<sup>3</sup>/s)

| Month | Min   | 10%   | 20%   | 30%   | 40%    | 50%    | 60%    | 70%    | 80%    | 90%    | Max    |
|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|--------|
| Jan   | 1,344 | 1,493 | 1,577 | 1,633 | 1,694  | 1,741  | 1,846  | 1,886  | 2,032  | 2,171  | 2,365  |
| Feb   | 1,067 | 1,209 | 1,288 | 1,306 | 1,349  | 1,374  | 1,385  | 1,436  | 1,519  | 1,632  | 1,681  |
| Mar   | 990   | 1,011 | 1,084 | 1,096 | 1,152  | 1,172  | 1,217  | 1,245  | 1,263  | 1,295  | 1,475  |
| Apr   | 966   | 1,029 | 1,100 | 1,121 | 1,178  | 1,195  | 1,249  | 1,328  | 1,372  | 1,422  | 1,493  |
| May   | 1,256 | 1,285 | 1,486 | 1,523 | 1,563  | 1,630  | 1,767  | 1,897  | 2,233  | 2,491  | 2,810  |
| Jun   | 1,758 | 2,120 | 2,374 | 2,734 | 3,007  | 3,385  | 3,603  | 4,018  | 4,131  | 5,317  | 5,961  |
| Jul   | 3,336 | 4,094 | 5,054 | 5,799 | 6,181  | 6,956  | 7,707  | 8,381  | 8,790  | 10,711 | 11,918 |
| Aug   | 5,366 | 8,432 | 9,178 | 9,391 | 9,675  | 10,431 | 11,826 | 12,537 | 13,186 | 15,952 | 18,761 |
| Sep   | 5,028 | 7,593 | 8,479 | 9,129 | 10,201 | 11,070 | 11,367 | 11,839 | 12,798 | 15,244 | 16,557 |
| Oct   | 4,099 | 5,655 | 6,169 | 6,355 | 6,655  | 6,785  | 6,896  | 7,051  | 7,656  | 8,072  | 8,654  |
| Nov   | 2,759 | 2,936 | 3,417 | 3,609 | 3,759  | 3,860  | 3,927  | 4,245  | 4,549  | 5,184  | 5,936  |
| Dec   | 1,892 | 1,991 | 2,116 | 2,265 | 2,361  | 2,397  | 2,504  | 2,582  | 3,170  | 3,437  | 3,811  |

Source: WUP-JICA Study Team

**Nakhom Phanom (1961-1998)**

(Unit : m<sup>3</sup>/s)

| Month | Min    | 10%    | 20%    | 30%    | 40%    | 50%    | 60%    | 70%    | 80%    | 90%    | Max    |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Jan   | 1,632  | 1,912  | 2,025  | 2,147  | 2,271  | 2,356  | 2,475  | 2,568  | 2,696  | 2,944  | 3,037  |
| Feb   | 1,254  | 1,474  | 1,576  | 1,718  | 1,754  | 1,781  | 1,919  | 2,037  | 2,186  | 2,254  | 2,289  |
| Mar   | 1,057  | 1,225  | 1,303  | 1,360  | 1,422  | 1,540  | 1,564  | 1,685  | 1,810  | 1,919  | 1,983  |
| Apr   | 1,049  | 1,155  | 1,229  | 1,313  | 1,409  | 1,455  | 1,532  | 1,569  | 1,828  | 2,080  | 2,352  |
| May   | 1,274  | 1,353  | 1,798  | 2,018  | 2,097  | 2,175  | 2,356  | 2,482  | 2,719  | 2,946  | 3,804  |
| Jun   | 2,906  | 3,386  | 4,365  | 4,675  | 5,470  | 5,887  | 6,244  | 7,635  | 8,492  | 10,450 | 11,756 |
| Jul   | 5,656  | 7,543  | 9,020  | 9,967  | 11,141 | 11,875 | 14,196 | 14,829 | 15,758 | 19,758 | 20,161 |
| Aug   | 10,531 | 13,680 | 15,181 | 16,148 | 16,994 | 17,784 | 18,935 | 21,635 | 23,716 | 25,916 | 26,794 |
| Sep   | 9,360  | 12,634 | 13,676 | 14,967 | 16,260 | 16,473 | 18,657 | 20,600 | 22,157 | 25,663 | 27,083 |
| Oct   | 5,903  | 6,971  | 7,709  | 8,490  | 8,867  | 10,050 | 10,652 | 11,298 | 11,800 | 13,420 | 17,063 |
| Nov   | 3,418  | 3,871  | 4,468  | 4,687  | 4,907  | 5,146  | 5,268  | 5,624  | 6,225  | 6,647  | 9,091  |
| Dec   | 2,439  | 2,545  | 2,801  | 2,852  | 2,971  | 3,126  | 3,348  | 3,831  | 3,948  | 4,061  | 4,655  |

Source: WUP-JICA Study Team

**Table 6.22 Monthly Mean Discharges of Non-exceedance Probabilities by Station on Mekong Mainstream (3/3)**

**Mukdahan (1961-1998)**

(Unit : m<sup>3</sup>/s)

| Month | Min    | 10%    | 20%    | 30%    | 40%    | 50%    | 60%    | 70%    | 80%    | 90%    | Max    |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Jan   | 1,930  | 2,003  | 2,084  | 2,183  | 2,253  | 2,327  | 2,401  | 2,479  | 2,723  | 2,795  | 3,035  |
| Feb   | 1,561  | 1,606  | 1,672  | 1,774  | 1,812  | 1,859  | 1,928  | 1,949  | 2,040  | 2,221  | 2,282  |
| Mar   | 1,261  | 1,295  | 1,445  | 1,465  | 1,562  | 1,620  | 1,644  | 1,684  | 1,754  | 1,845  | 1,959  |
| Apr   | 1,223  | 1,286  | 1,424  | 1,453  | 1,469  | 1,514  | 1,578  | 1,651  | 1,704  | 1,857  | 2,029  |
| May   | 1,380  | 1,616  | 1,898  | 2,027  | 2,156  | 2,220  | 2,272  | 2,449  | 2,796  | 2,997  | 4,397  |
| Jun   | 2,815  | 3,835  | 4,592  | 5,327  | 5,884  | 6,211  | 7,162  | 8,216  | 8,738  | 11,569 | 13,012 |
| Jul   | 7,438  | 8,738  | 9,836  | 10,700 | 12,043 | 13,080 | 14,057 | 15,926 | 17,442 | 19,933 | 21,703 |
| Aug   | 12,323 | 14,342 | 16,432 | 17,903 | 18,855 | 19,535 | 20,677 | 22,929 | 25,597 | 26,539 | 28,703 |
| Sep   | 11,238 | 13,996 | 15,640 | 16,523 | 17,453 | 18,167 | 20,083 | 21,710 | 23,147 | 25,547 | 31,390 |
| Oct   | 5,622  | 7,352  | 8,757  | 9,744  | 10,274 | 10,654 | 11,471 | 11,669 | 12,326 | 13,287 | 19,074 |
| Nov   | 3,452  | 4,443  | 4,643  | 4,715  | 5,265  | 5,532  | 5,698  | 6,263  | 6,489  | 6,789  | 9,533  |
| Dec   | 2,199  | 2,642  | 2,830  | 2,991  | 3,175  | 3,283  | 3,360  | 3,658  | 3,895  | 4,446  | 4,831  |

Source: WUP-JICA Study Team

**Khong Chiam (1966-1998)**

(Unit : m<sup>3</sup>/s)

| Month | Min    | 10%    | 20%    | 30%    | 40%    | 50%    | 60%    | 70%    | 80%    | 90%    | Max    |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Jan   | 1,973  | 2,213  | 2,403  | 2,537  | 2,685  | 2,805  | 2,970  | 3,108  | 3,309  | 3,568  | 3,811  |
| Feb   | 1,475  | 1,823  | 1,887  | 1,954  | 2,050  | 2,157  | 2,168  | 2,464  | 2,576  | 2,785  | 3,094  |
| Mar   | 1,449  | 1,518  | 1,631  | 1,738  | 1,793  | 1,835  | 1,876  | 1,986  | 2,209  | 2,318  | 2,494  |
| Apr   | 1,372  | 1,512  | 1,606  | 1,648  | 1,688  | 1,741  | 1,783  | 2,015  | 2,115  | 2,246  | 2,422  |
| May   | 1,677  | 1,933  | 2,192  | 2,366  | 2,577  | 2,679  | 2,774  | 2,893  | 3,240  | 3,552  | 4,884  |
| Jun   | 3,075  | 4,074  | 4,934  | 5,516  | 6,395  | 6,657  | 7,969  | 8,688  | 9,691  | 10,887 | 17,228 |
| Jul   | 9,397  | 9,558  | 10,906 | 11,249 | 13,383 | 14,842 | 15,232 | 18,077 | 19,242 | 19,968 | 26,948 |
| Aug   | 14,677 | 17,042 | 18,558 | 20,919 | 23,094 | 24,974 | 26,658 | 28,055 | 29,165 | 30,535 | 40,539 |
| Sep   | 15,650 | 17,383 | 18,310 | 21,697 | 23,620 | 23,823 | 24,832 | 26,587 | 27,770 | 30,920 | 37,670 |
| Oct   | 6,395  | 9,348  | 11,347 | 11,751 | 12,976 | 13,294 | 13,584 | 14,965 | 15,445 | 16,006 | 22,094 |
| Nov   | 3,843  | 4,705  | 5,704  | 6,044  | 6,320  | 6,746  | 7,055  | 7,414  | 7,915  | 8,274  | 10,121 |
| Dec   | 2,597  | 3,034  | 3,390  | 3,464  | 3,893  | 3,944  | 4,088  | 4,339  | 4,682  | 5,371  | 5,594  |

Source: WUP-JICA Study Team

**Pakse (1961-2000)**

(Unit : m<sup>3</sup>/s)

| Month | Min    | 10%    | 20%    | 30%    | 40%    | 50%    | 60%    | 70%    | 80%    | 90%    | Max    |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Jan   | 1,982  | 2,220  | 2,371  | 2,565  | 2,731  | 2,841  | 2,908  | 2,950  | 3,023  | 3,245  | 4,350  |
| Feb   | 1,667  | 1,734  | 1,889  | 2,029  | 2,135  | 2,218  | 2,282  | 2,325  | 2,358  | 2,426  | 3,098  |
| Mar   | 1,393  | 1,488  | 1,647  | 1,746  | 1,781  | 1,868  | 1,901  | 1,937  | 2,008  | 2,145  | 2,425  |
| Apr   | 1,282  | 1,513  | 1,600  | 1,674  | 1,704  | 1,751  | 1,795  | 1,945  | 2,071  | 2,154  | 2,427  |
| May   | 1,476  | 2,014  | 2,197  | 2,451  | 2,627  | 2,648  | 2,879  | 3,122  | 3,305  | 4,066  | 7,202  |
| Jun   | 3,210  | 4,811  | 5,821  | 6,789  | 7,221  | 8,690  | 9,065  | 10,464 | 11,619 | 13,344 | 17,551 |
| Jul   | 9,557  | 10,427 | 12,076 | 12,887 | 15,861 | 16,042 | 17,332 | 18,499 | 19,984 | 22,661 | 28,706 |
| Aug   | 16,150 | 19,874 | 21,029 | 22,813 | 23,426 | 25,845 | 27,451 | 28,826 | 30,807 | 32,523 | 41,940 |
| Sep   | 16,327 | 19,307 | 21,223 | 23,493 | 24,190 | 26,027 | 26,870 | 28,173 | 30,453 | 32,333 | 40,031 |
| Oct   | 7,400  | 10,544 | 12,045 | 13,726 | 14,195 | 14,985 | 15,616 | 16,419 | 17,266 | 19,705 | 27,423 |
| Nov   | 4,510  | 5,541  | 5,961  | 6,729  | 7,193  | 7,570  | 7,971  | 8,239  | 9,221  | 10,152 | 11,023 |
| Dec   | 2,921  | 3,147  | 3,456  | 3,763  | 4,046  | 4,071  | 4,211  | 4,646  | 4,832  | 5,298  | 5,860  |

Source: WUP-JICA Study Team

**Table 6.23 Monthly Mean Discharges of Non-exceedance Probabilities by Month on Mekong Mainstream (1/3)**

**January**

(Unit : m3/s)

| Station       | Min   | 10%   | 20%   | 30%   | 40%   | 50%   | 60%   | 70%   | 80%   | 90%   | Max   |
|---------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Chiang Saen   | 905   | 938   | 994   | 1,054 | 1,072 | 1,130 | 1,175 | 1,233 | 1,312 | 1,388 | 1,507 |
| Luang Prabang | 1,135 | 1,381 | 1,449 | 1,497 | 1,537 | 1,628 | 1,762 | 1,822 | 1,875 | 2,138 | 2,378 |
| Chiang Khan   | 1,276 | 1,482 | 1,539 | 1,597 | 1,657 | 1,704 | 1,791 | 1,859 | 1,933 | 2,131 | 2,327 |
| Vientiane     | 1,100 | 1,414 | 1,486 | 1,550 | 1,609 | 1,768 | 1,822 | 1,885 | 1,921 | 2,187 | 2,379 |
| Nong Khai     | 1,344 | 1,493 | 1,577 | 1,633 | 1,694 | 1,741 | 1,846 | 1,886 | 2,032 | 2,171 | 2,365 |
| Nakhon Phanom | 1,632 | 1,912 | 2,025 | 2,147 | 2,271 | 2,356 | 2,475 | 2,568 | 2,696 | 2,944 | 3,037 |
| Mukdahan      | 1,930 | 2,003 | 2,084 | 2,183 | 2,253 | 2,327 | 2,401 | 2,479 | 2,723 | 2,795 | 3,035 |
| Khong Chiam   | 1,973 | 2,213 | 2,403 | 2,537 | 2,685 | 2,805 | 2,970 | 3,108 | 3,309 | 3,568 | 3,811 |
| Pakse         | 1,982 | 2,220 | 2,371 | 2,565 | 2,731 | 2,841 | 2,908 | 2,950 | 3,023 | 3,245 | 4,350 |

Source: WUP-JICA Study Team

**February**

(Unit : m3/s)

| Station       | Min   | 10%   | 20%   | 30%   | 40%   | 50%   | 60%   | 70%   | 80%   | 90%   | Max   |
|---------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Chiang Saen   | 729   | 772   | 800   | 876   | 907   | 920   | 937   | 993   | 1,050 | 1,085 | 1,246 |
| Luang Prabang | 776   | 1,051 | 1,127 | 1,150 | 1,186 | 1,277 | 1,318 | 1,380 | 1,453 | 1,562 | 1,716 |
| Chiang Khan   | 1,002 | 1,069 | 1,136 | 1,187 | 1,211 | 1,290 | 1,306 | 1,389 | 1,430 | 1,550 | 1,602 |
| Vientiane     | 856   | 1,117 | 1,204 | 1,274 | 1,318 | 1,351 | 1,398 | 1,449 | 1,486 | 1,597 | 1,799 |
| Nong Khai     | 1,067 | 1,209 | 1,288 | 1,306 | 1,349 | 1,374 | 1,385 | 1,436 | 1,519 | 1,632 | 1,681 |
| Nakhon Phanom | 1,254 | 1,474 | 1,576 | 1,718 | 1,754 | 1,781 | 1,919 | 2,037 | 2,186 | 2,254 | 2,289 |
| Mukdahan      | 1,561 | 1,606 | 1,672 | 1,774 | 1,812 | 1,859 | 1,928 | 1,949 | 2,040 | 2,221 | 2,282 |
| Khong Chiam   | 1,475 | 1,823 | 1,887 | 1,954 | 2,050 | 2,157 | 2,168 | 2,464 | 2,576 | 2,785 | 3,094 |
| Pakse         | 1,667 | 1,734 | 1,889 | 2,029 | 2,135 | 2,218 | 2,282 | 2,325 | 2,358 | 2,426 | 3,098 |

Source: WUP-JICA Study Team

**March**

(Unit : m3/s)

| Station       | Min   | 10%   | 20%   | 30%   | 40%   | 50%   | 60%   | 70%   | 80%   | 90%   | Max   |
|---------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Chiang Saen   | 616   | 655   | 729   | 771   | 803   | 808   | 842   | 866   | 951   | 995   | 1,185 |
| Luang Prabang | 673   | 887   | 917   | 959   | 1,022 | 1,059 | 1,106 | 1,139 | 1,193 | 1,248 | 1,395 |
| Chiang Khan   | 818   | 861   | 908   | 958   | 1,031 | 1,055 | 1,090 | 1,120 | 1,139 | 1,253 | 1,328 |
| Vientiane     | 755   | 957   | 1,027 | 1,069 | 1,107 | 1,186 | 1,233 | 1,271 | 1,295 | 1,331 | 1,512 |
| Nong Khai     | 990   | 1,011 | 1,084 | 1,096 | 1,152 | 1,172 | 1,217 | 1,245 | 1,263 | 1,295 | 1,475 |
| Nakhon Phanom | 1,057 | 1,225 | 1,303 | 1,360 | 1,422 | 1,540 | 1,564 | 1,685 | 1,810 | 1,919 | 1,983 |
| Mukdahan      | 1,261 | 1,295 | 1,445 | 1,465 | 1,562 | 1,620 | 1,644 | 1,684 | 1,754 | 1,845 | 1,959 |
| Khong Chiam   | 1,449 | 1,518 | 1,631 | 1,738 | 1,793 | 1,835 | 1,876 | 1,986 | 2,209 | 2,318 | 2,494 |
| Pakse         | 1,393 | 1,488 | 1,647 | 1,746 | 1,781 | 1,868 | 1,901 | 1,937 | 2,008 | 2,145 | 2,425 |

Source: WUP-JICA Study Team

**April**

(Unit : m3/s)

| Station       | Min   | 10%   | 20%   | 30%   | 40%   | 50%   | 60%   | 70%   | 80%   | 90%   | Max   |
|---------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Chiang Saen   | 622   | 700   | 811   | 846   | 915   | 932   | 948   | 956   | 1,002 | 1,051 | 1,209 |
| Luang Prabang | 625   | 892   | 989   | 1,014 | 1,057 | 1,093 | 1,146 | 1,228 | 1,271 | 1,309 | 1,404 |
| Chiang Khan   | 817   | 881   | 916   | 952   | 1,005 | 1,038 | 1,085 | 1,174 | 1,194 | 1,259 | 1,298 |
| Vientiane     | 766   | 969   | 1,025 | 1,108 | 1,153 | 1,205 | 1,246 | 1,281 | 1,352 | 1,377 | 1,473 |
| Nong Khai     | 966   | 1,029 | 1,100 | 1,121 | 1,178 | 1,195 | 1,249 | 1,328 | 1,372 | 1,422 | 1,493 |
| Nakhon Phanom | 1,049 | 1,155 | 1,229 | 1,313 | 1,409 | 1,455 | 1,532 | 1,569 | 1,828 | 2,080 | 2,352 |
| Mukdahan      | 1,223 | 1,286 | 1,424 | 1,453 | 1,469 | 1,514 | 1,578 | 1,651 | 1,704 | 1,857 | 2,029 |
| Khong Chiam   | 1,372 | 1,512 | 1,606 | 1,648 | 1,688 | 1,741 | 1,783 | 2,015 | 2,115 | 2,246 | 2,422 |
| Pakse         | 1,282 | 1,513 | 1,600 | 1,674 | 1,704 | 1,751 | 1,795 | 1,945 | 2,071 | 2,154 | 2,427 |

Source: WUP-JICA Study Team

**Table 6.23 Monthly Mean Discharges of Non-exceedance Probabilities by Month on Mekong Mainstream (2/3)**

**May**

| Station       | Min   | 10%   | 20%   | 30%   | 40%   | 50%   | 60%   | 70%   | 80%   | 90%   | Max   |
|---------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Chiang Saen   | 747   | 909   | 1,089 | 1,112 | 1,197 | 1,231 | 1,333 | 1,387 | 1,508 | 1,730 | 2,109 |
| Luang Prabang | 921   | 1,155 | 1,300 | 1,362 | 1,465 | 1,482 | 1,566 | 1,631 | 1,768 | 2,101 | 2,878 |
| Chiang Khan   | 834   | 1,224 | 1,310 | 1,325 | 1,354 | 1,422 | 1,578 | 1,836 | 2,085 | 2,156 | 2,652 |
| Vientiane     | 931   | 1,245 | 1,331 | 1,459 | 1,525 | 1,661 | 1,709 | 1,780 | 2,089 | 2,301 | 2,819 |
| Nong Khai     | 1,256 | 1,285 | 1,486 | 1,523 | 1,563 | 1,630 | 1,767 | 1,897 | 2,233 | 2,491 | 2,810 |
| Nakhon Phanom | 1,274 | 1,353 | 1,798 | 2,018 | 2,097 | 2,175 | 2,356 | 2,482 | 2,719 | 2,946 | 3,804 |
| Mukdahan      | 1,380 | 1,616 | 1,898 | 2,027 | 2,156 | 2,220 | 2,272 | 2,449 | 2,796 | 2,997 | 4,397 |
| Khong Chiam   | 1,677 | 1,933 | 2,192 | 2,366 | 2,577 | 2,679 | 2,774 | 2,893 | 3,240 | 3,552 | 4,884 |
| Pakse         | 1,476 | 2,014 | 2,197 | 2,451 | 2,627 | 2,648 | 2,879 | 3,122 | 3,305 | 4,066 | 7,202 |

Source: WUP-JICA Study Team

**June**

| Station       | Min   | 10%   | 20%   | 30%   | 40%   | 50%   | 60%   | 70%    | 80%    | 90%    | Max    |
|---------------|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|
| Chiang Saen   | 1,406 | 1,598 | 1,834 | 2,042 | 2,139 | 2,299 | 2,490 | 2,663  | 3,008  | 3,451  | 4,099  |
| Luang Prabang | 1,597 | 1,864 | 2,322 | 2,590 | 2,680 | 2,872 | 3,193 | 3,574  | 3,796  | 4,245  | 5,601  |
| Chiang Khan   | 1,691 | 1,868 | 2,309 | 2,717 | 3,005 | 3,164 | 3,429 | 3,751  | 3,930  | 5,175  | 6,008  |
| Vientiane     | 1,697 | 2,057 | 2,435 | 2,849 | 3,025 | 3,291 | 3,548 | 3,912  | 4,124  | 4,475  | 6,015  |
| Nong Khai     | 1,758 | 2,120 | 2,374 | 2,734 | 3,007 | 3,385 | 3,603 | 4,018  | 4,131  | 5,317  | 5,961  |
| Nakhon Phanom | 2,906 | 3,386 | 4,365 | 4,675 | 5,470 | 5,887 | 6,244 | 7,635  | 8,492  | 10,450 | 11,756 |
| Mukdahan      | 2,815 | 3,835 | 4,592 | 5,327 | 5,884 | 6,211 | 7,162 | 8,216  | 8,738  | 11,569 | 13,012 |
| Khong Chiam   | 3,075 | 4,074 | 4,934 | 5,516 | 6,395 | 6,657 | 7,969 | 8,688  | 9,691  | 10,887 | 17,228 |
| Pakse         | 3,210 | 4,811 | 5,821 | 6,789 | 7,221 | 8,690 | 9,065 | 10,464 | 11,619 | 13,344 | 17,551 |

Source: WUP-JICA Study Team

**July**

| Station       | Min   | 10%    | 20%    | 30%    | 40%    | 50%    | 60%    | 70%    | 80%    | 90%    | Max    |
|---------------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Chiang Saen   | 2,778 | 2,933  | 3,618  | 4,011  | 4,120  | 4,373  | 5,037  | 5,345  | 5,884  | 6,318  | 7,585  |
| Luang Prabang | 3,405 | 4,024  | 4,876  | 5,157  | 5,442  | 6,076  | 6,791  | 7,493  | 8,071  | 8,714  | 10,552 |
| Chiang Khan   | 3,237 | 4,226  | 5,304  | 5,556  | 5,907  | 6,312  | 7,623  | 7,988  | 8,626  | 9,646  | 11,671 |
| Vientiane     | 3,066 | 4,508  | 5,155  | 5,765  | 6,038  | 6,419  | 7,199  | 7,956  | 8,562  | 9,512  | 11,292 |
| Nong Khai     | 3,336 | 4,094  | 5,054  | 5,799  | 6,181  | 6,956  | 7,707  | 8,381  | 8,790  | 10,711 | 11,918 |
| Nakhon Phanom | 5,656 | 7,543  | 9,020  | 9,967  | 11,141 | 11,875 | 14,196 | 14,829 | 15,758 | 19,758 | 20,161 |
| Mukdahan      | 7,438 | 8,738  | 9,836  | 10,700 | 12,043 | 13,080 | 14,057 | 15,926 | 17,442 | 19,933 | 21,703 |
| Khong Chiam   | 9,397 | 9,558  | 10,906 | 11,249 | 13,383 | 14,842 | 15,232 | 18,077 | 19,242 | 19,968 | 26,948 |
| Pakse         | 9,557 | 10,427 | 12,076 | 12,887 | 15,861 | 16,042 | 17,332 | 18,499 | 19,984 | 22,661 | 28,706 |

Source: WUP-JICA Study Team

**Augst**

| Station       | Min    | 10%    | 20%    | 30%    | 40%    | 50%    | 60%    | 70%    | 80%    | 90%    | Max    |
|---------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Chiang Saen   | 2,860  | 4,315  | 4,822  | 5,109  | 5,892  | 6,258  | 6,666  | 7,159  | 7,675  | 9,013  | 10,995 |
| Luang Prabang | 3,934  | 7,331  | 8,012  | 8,344  | 8,933  | 9,661  | 9,907  | 11,066 | 11,824 | 12,990 | 16,906 |
| Chiang Khan   | 5,142  | 8,126  | 8,687  | 8,876  | 9,150  | 10,273 | 10,735 | 12,003 | 12,941 | 14,361 | 18,123 |
| Vientiane     | 5,407  | 8,147  | 8,830  | 9,022  | 9,372  | 10,510 | 11,295 | 12,034 | 13,084 | 14,328 | 18,326 |
| Nong Khai     | 5,366  | 8,432  | 9,178  | 9,391  | 9,675  | 10,431 | 11,826 | 12,537 | 13,186 | 15,952 | 18,761 |
| Nakhon Phanom | 10,531 | 13,680 | 15,181 | 16,148 | 16,994 | 17,784 | 18,935 | 21,635 | 23,716 | 25,916 | 26,794 |
| Mukdahan      | 12,323 | 14,342 | 16,432 | 17,903 | 18,855 | 19,535 | 20,677 | 22,929 | 25,597 | 26,539 | 28,703 |
| Khong Chiam   | 14,677 | 17,042 | 18,558 | 20,919 | 23,094 | 24,974 | 26,658 | 28,055 | 29,165 | 30,535 | 40,539 |
| Pakse         | 16,150 | 19,874 | 21,029 | 22,813 | 23,426 | 25,845 | 27,451 | 28,826 | 30,807 | 32,523 | 41,940 |

Source: WUP-JICA Study Team

**Table 6.23 Monthly Mean Discharges of Non-exceedance Probabilities by Month on Mekong Mainstream (3/3)**

**September**

(Unit : m3/s)

| Station              | Min    | 10%    | 20%    | 30%    | 40%    | 50%    | 60%    | 70%    | 80%    | 90%    | Max    |
|----------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| <b>Chiang Saen</b>   | 2,911  | 3,973  | 4,235  | 4,529  | 4,852  | 5,154  | 5,777  | 5,856  | 6,260  | 6,642  | 11,573 |
| <b>Luang Prabang</b> | 3,911  | 6,506  | 7,254  | 7,597  | 7,987  | 8,435  | 9,090  | 9,792  | 10,399 | 11,621 | 16,360 |
| <b>Chiang Khan</b>   | 5,027  | 7,341  | 7,687  | 8,654  | 9,028  | 9,754  | 10,095 | 10,638 | 11,511 | 13,045 | 14,667 |
| <b>Vientiane</b>     | 5,086  | 7,658  | 8,922  | 9,319  | 9,800  | 9,911  | 10,811 | 11,603 | 12,591 | 13,663 | 18,832 |
| <b>Nong Khai</b>     | 5,028  | 7,593  | 8,479  | 9,129  | 10,201 | 11,070 | 11,367 | 11,839 | 12,798 | 15,244 | 16,557 |
| <b>Nakhon Phanom</b> | 9,360  | 12,634 | 13,676 | 14,967 | 16,260 | 16,473 | 18,657 | 20,600 | 22,157 | 25,663 | 27,083 |
| <b>Mukdahan</b>      | 11,238 | 13,996 | 15,640 | 16,523 | 17,453 | 18,167 | 20,083 | 21,710 | 23,147 | 25,547 | 31,390 |
| <b>Khong Chiam</b>   | 15,650 | 17,383 | 18,310 | 21,697 | 23,620 | 23,823 | 24,832 | 26,587 | 27,770 | 30,920 | 37,670 |
| <b>Pakse</b>         | 16,327 | 19,307 | 21,223 | 23,493 | 24,190 | 26,027 | 26,870 | 28,173 | 30,453 | 32,333 | 40,031 |

Source: WUP-JICA Study Team

**October**

(Unit : m3/s)

| Station              | Min   | 10%    | 20%    | 30%    | 40%    | 50%    | 60%    | 70%    | 80%    | 90%    | Max    |
|----------------------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| <b>Chiang Saen</b>   | 2,679 | 2,754  | 3,191  | 3,317  | 3,439  | 3,837  | 3,995  | 4,184  | 4,468  | 5,066  | 6,041  |
| <b>Luang Prabang</b> | 3,760 | 4,663  | 5,005  | 5,397  | 5,519  | 5,663  | 5,822  | 6,245  | 6,472  | 6,844  | 7,888  |
| <b>Chiang Khan</b>   | 3,935 | 4,950  | 5,877  | 6,095  | 6,268  | 6,435  | 6,618  | 6,716  | 7,376  | 7,841  | 8,136  |
| <b>Vientiane</b>     | 3,470 | 5,069  | 6,040  | 6,278  | 6,559  | 6,744  | 6,932  | 7,065  | 7,629  | 8,288  | 9,176  |
| <b>Nong Khai</b>     | 4,099 | 5,655  | 6,169  | 6,355  | 6,655  | 6,785  | 6,896  | 7,051  | 7,656  | 8,072  | 8,654  |
| <b>Nakhon Phanom</b> | 5,903 | 6,971  | 7,709  | 8,490  | 8,867  | 10,050 | 10,652 | 11,298 | 11,800 | 13,420 | 17,063 |
| <b>Mukdahan</b>      | 5,622 | 7,352  | 8,757  | 9,744  | 10,274 | 10,654 | 11,471 | 11,669 | 12,326 | 13,287 | 19,074 |
| <b>Khong Chiam</b>   | 6,395 | 9,348  | 11,347 | 11,751 | 12,976 | 13,294 | 13,584 | 14,965 | 15,445 | 16,006 | 22,094 |
| <b>Pakse</b>         | 7,400 | 10,544 | 12,045 | 13,726 | 14,195 | 14,985 | 15,616 | 16,419 | 17,266 | 19,705 | 27,423 |

Source: WUP-JICA Study Team

**November**

(Unit : m3/s)

| Station              | Min   | 10%   | 20%   | 30%   | 40%   | 50%   | 60%   | 70%   | 80%   | 90%    | Max    |
|----------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|
| <b>Chiang Saen</b>   | 1,711 | 1,813 | 1,972 | 2,035 | 2,279 | 2,409 | 2,456 | 2,600 | 2,999 | 3,305  | 4,436  |
| <b>Luang Prabang</b> | 2,580 | 2,748 | 3,232 | 3,377 | 3,490 | 3,533 | 3,669 | 3,888 | 4,357 | 5,008  | 6,637  |
| <b>Chiang Khan</b>   | 2,719 | 3,061 | 3,339 | 3,541 | 3,616 | 3,805 | 3,989 | 4,155 | 4,623 | 5,069  | 5,691  |
| <b>Vientiane</b>     | 2,327 | 3,013 | 3,321 | 3,655 | 3,880 | 3,950 | 4,284 | 4,507 | 4,964 | 5,241  | 7,576  |
| <b>Nong Khai</b>     | 2,759 | 2,936 | 3,417 | 3,609 | 3,759 | 3,860 | 3,927 | 4,245 | 4,549 | 5,184  | 5,936  |
| <b>Nakhon Phanom</b> | 3,418 | 3,871 | 4,468 | 4,687 | 4,907 | 5,146 | 5,268 | 5,624 | 6,225 | 6,647  | 9,091  |
| <b>Mukdahan</b>      | 3,452 | 4,443 | 4,643 | 4,715 | 5,265 | 5,532 | 5,698 | 6,263 | 6,489 | 6,789  | 9,533  |
| <b>Khong Chiam</b>   | 3,843 | 4,705 | 5,704 | 6,044 | 6,320 | 6,746 | 7,055 | 7,414 | 7,915 | 8,274  | 10,121 |
| <b>Pakse</b>         | 4,510 | 5,541 | 5,961 | 6,729 | 7,193 | 7,570 | 7,971 | 8,239 | 9,221 | 10,152 | 11,023 |

Source: WUP-JICA Study Team

**December**

(Unit : m3/s)

| Station              | Min   | 10%   | 20%   | 30%   | 40%   | 50%   | 60%   | 70%   | 80%   | 90%   | Max   |
|----------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| <b>Chiang Saen</b>   | 1,085 | 1,196 | 1,309 | 1,453 | 1,489 | 1,596 | 1,615 | 1,665 | 1,802 | 1,955 | 2,585 |
| <b>Luang Prabang</b> | 1,742 | 1,945 | 2,005 | 2,078 | 2,225 | 2,334 | 2,372 | 2,495 | 2,639 | 3,121 | 3,698 |
| <b>Chiang Khan</b>   | 1,739 | 2,111 | 2,152 | 2,258 | 2,281 | 2,326 | 2,391 | 2,628 | 3,044 | 3,236 | 3,680 |
| <b>Vientiane</b>     | 1,556 | 1,921 | 2,106 | 2,163 | 2,242 | 2,496 | 2,534 | 2,725 | 3,037 | 3,349 | 3,715 |
| <b>Nong Khai</b>     | 1,892 | 1,991 | 2,116 | 2,265 | 2,361 | 2,397 | 2,504 | 2,582 | 3,170 | 3,437 | 3,811 |
| <b>Nakhon Phanom</b> | 2,439 | 2,545 | 2,801 | 2,852 | 2,971 | 3,126 | 3,348 | 3,831 | 3,948 | 4,061 | 4,655 |
| <b>Mukdahan</b>      | 2,199 | 2,642 | 2,830 | 2,991 | 3,175 | 3,283 | 3,360 | 3,658 | 3,895 | 4,446 | 4,831 |
| <b>Khong Chiam</b>   | 2,597 | 3,034 | 3,390 | 3,464 | 3,893 | 3,944 | 4,088 | 4,339 | 4,682 | 5,371 | 5,594 |
| <b>Pakse</b>         | 2,921 | 3,147 | 3,456 | 3,763 | 4,046 | 4,071 | 4,211 | 4,646 | 4,832 | 5,298 | 5,860 |

Source: WUP-JICA Study Team

**Table 6.30 Seasonal Volume of Annual Flow Regime (1/3)**

Chiang Saen

| Year        | Seasonal Volume in Billion m <sup>3</sup> |                         |                     |
|-------------|---|-------------------------|---------------------|
|             | Wet season<br>(Jun-Nov)                   | Dry season<br>(Dec-May) | Annual<br>(Jun-May) |
| 1961/62     | 72  | 17                      | 89                  |
| 1962/63     | 72  | 13                      | 85                  |
| 1963/64     | 71  | 17                      | 89                  |
| 1964/65     | 78  | 16                      | 93                  |
| 1965/66     | 79  | 19                      | 99                  |
| 1966/67     | 108                                       | 19                      | 127                 |
| 1967/68     | 62  | 20                      | 81                  |
| 1968/69     | 74  | 15                      | 89                  |
| 1969/70     | 67  | 17                      | 84                  |
| 1970/71     | 80  | 22                      | 101                 |
| 1971/72     | 92  | 18                      | 110                 |
| 1972/73     | 47  | 20                      | 67                  |
| 1973/74     | 69  | 18                      | 87                  |
| 1974/75     | 68  | 17                      | 86                  |
| 1975/76     | 51  | 16                      | 68                  |
| 1976/77     | 61  | 17                      | 78                  |
| 1977/78     | 56  | 18                      | 74                  |
| 1978/79     | 68  | 15                      | 83                  |
| 1979/80     | 59  | 17                      | 76                  |
| 1980/81     | 72  | 19                      | 92                  |
| 1981/82     | 69  | 18                      | 86                  |
| 1982/83     | 60  | 16                      | 76                  |
| 1983/84     | 62  | 19                      | 82                  |
| 1984/85     | 60  | 16                      | 76                  |
| 1985/86     | 79  | 20                      | 98                  |
| 1986/87     | 57  | 19                      | 76                  |
| 1987/88     | 59  | 19                      | 79                  |
| 1988/89     | 55  | 16                      | 71                  |
| 1989/90     | 59  | 21                      | 79                  |
| 1990/91     | 69  | 18                      | 87                  |
| 1991/92     | 79  | 21                      | 100                 |
| 1992/93     | 41  | 16                      | 57                  |
| 1993/94     | 64  | 18                      | 82                  |
| 1994/95     | 57  | 19                      | 76                  |
| 1995/96     | 78  | 21                      | 99                  |
| 1996/97     | 72  | 16                      | 88                  |
| 1997/98     | 58  | 16                      | 73                  |
| 1998/99     | 66  | 13                      | 79                  |
| <b>Mean</b> | <b>67</b>                                 | <b>18</b>               | <b>85</b>           |

Source: WUP-JICA Study Team

Luang Prabang

| Year        | Seasonal Volume in Billion m <sup>3</sup> |                         |                     |
|-------------|---|-------------------------|---------------------|
|             | Wet season<br>(Jun-Nov)                   | Dry season<br>(Dec-May) | Annual<br>(Jun-May) |
| 1961/62     | 72  | 17                      | 89                  |
| 1962/63     | 92  | 20                      | 112                 |
| 1963/64     | 103                                       | 26                      | 130                 |
| 1964/65     | 109                                       | 24                      | 134                 |
| 1965/66     | 105                                       | 29                      | 134                 |
| 1966/67     | 145                                       | 28                      | 174                 |
| 1967/68     | 81  | 24                      | 105                 |
| 1968/69     | 91  | 20                      | 110                 |
| 1969/70     | 92  | 22                      | 114                 |
| 1970/71     | 115                                       | 28                      | 143                 |
| 1971/72     | 137                                       | 26                      | 162                 |
| 1972/73     | 85  | 29                      | 115                 |
| 1973/74     | 126                                       | 26                      | 152                 |
| 1974/75     | 97  | 22                      | 119                 |
| 1975/76     | 86  | 21                      | 107                 |
| 1976/77     | 97  | 23                      | 120                 |
| 1977/78     | 95  | 28                      | 123                 |
| 1978/79     | 119                                       | 22                      | 141                 |
| 1979/80     | 92  | 22                      | 114                 |
| 1980/81     | 116                                       | 28                      | 144                 |
| 1981/82     | 118                                       | 28                      | 147                 |
| 1982/83     | 105                                       | 25                      | 130                 |
| 1983/84     | 95  | 28                      | 123                 |
| 1984/85     | 99  | 21                      | 121                 |
| 1985/86     | 110                                       | 29                      | 139                 |
| 1986/87     | 81  | 21                      | 102                 |
| 1987/88     | 75  | 23                      | 98                  |
| 1988/89     | 82  | 19                      | 101                 |
| 1989/90     | 82  | 22                      | 104                 |
| 1990/91     | 99  | 22                      | 122                 |
| 1991/92     | 114                                       | 26                      | 140                 |
| 1992/93     | 52  | 21                      | 73                  |
| 1993/94     | 81  | 22                      | 103                 |
| 1994/95     | 98  | 24                      | 121                 |
| 1995/96     | 112                                       | 26                      | 137                 |
| 1996/97     | 107                                       | 22                      | 129                 |
| 1997/98     | 97  | 22                      | 120                 |
| 1998/99     | 94  | 16                      | 110                 |
| 1999/00     | 108                                       | 29                      | 137                 |
| <b>Mean</b> | <b>100</b>                                | <b>24</b>               | <b>124</b>          |

Source: WUP-JICA Study Team

Chiang Khan

| Year        | Seasonal Volume in Billion m <sup>3</sup> |                         |                     |
|-------------|---|-------------------------|---------------------|
|             | Wet season<br>(Jun-Nov)                   | Dry season<br>(Dec-May) | Annual<br>(Jun-May) |
| 1961/62     | 103                                       | 25                      | 128                 |
| 1962/63     | 92  | 20                      | 112                 |
| 1963/64     | 103                                       | 26                      | 130                 |
| 1964/65     | 109                                       | 24                      | 134                 |
| 1965/66     | 105                                       | 29                      | 134                 |
| 1966/67     | 145                                       | 28                      | 174                 |
| 1967/68     | 81  | 24                      | 105                 |
| 1968/69     | 91  | 20                      | 110                 |
| 1969/70     | 92  | 22                      | 114                 |
| 1970/71     | 115                                       | 28                      | 143                 |
| 1971/72     | 137                                       | 26                      | 162                 |
| 1972/73     | 85  | 29                      | 115                 |
| 1973/74     | 126                                       | 26                      | 152                 |
| 1974/75     | 97  | 22                      | 119                 |
| 1975/76     | 86  | 21                      | 107                 |
| 1976/77     | 97  | 23                      | 120                 |
| 1977/78     | 95  | 28                      | 123                 |
| 1978/79     | 119                                       | 22                      | 141                 |
| 1979/80     | 92  | 22                      | 114                 |
| 1980/81     | 116                                       | 28                      | 144                 |
| 1981/82     | 118                                       | 28                      | 147                 |
| 1982/83     | 105                                       | 25                      | 130                 |
| 1983/84     | 95  | 28                      | 123                 |
| 1984/85     | 99  | 21                      | 121                 |
| 1985/86     | 110                                       | 29                      | 139                 |
| 1986/87     | 81  | 21                      | 102                 |
| 1987/88     | 75  | 23                      | 98                  |
| 1988/89     | 82  | 19                      | 101                 |
| 1989/90     | 82  | 22                      | 104                 |
| 1990/91     | 99  | 22                      | 122                 |
| 1991/92     | 114                                       | 26                      | 140                 |
| 1992/93     | 52  | 21                      | 73                  |
| 1993/94     | 81  | 22                      | 103                 |
| 1994/95     | 98  | 24                      | 121                 |
| 1995/96     | 112                                       | 26                      | 137                 |
| 1996/97     | 107                                       | 22                      | 129                 |
| 1997/98     | 97  | 22                      | 120                 |
| 1998/99     | 94  | 16                      | 110                 |
| 1999/00     | 108                                       | 29                      | 137                 |
| <b>Mean</b> | <b>108</b>                                | <b>24</b>               | <b>132</b>          |

Source: WUP-JICA Study Team

**Table 6.30 Seasonal Volume of Annual Flow Regime (2/3)**

| Vientiane   |  | Nong Khai |  | Nakhong Phanom |  |
|-------------|--|-----------|--|----------------|--|
| Year        | Seasonal Volume in Billion m <sup>3</sup><br>(Jun-Nov) | Year      | Seasonal Volume in Billion m <sup>3</sup><br>(Jun-Nov) | Year           | Seasonal Volume in Billion m <sup>3</sup><br>(Jun-Nov) |
|             | Dry season<br>(Dec-May)                                |           | Dry season<br>(Dec-May)                                |                | Dry season<br>(Dec-May)                                |
| 1961/62     | 126  | 27        | 153  | 1961/62        | 225  |
| 1962/63     | 108  | 21        | 129  | 1962/63        | 225  |
| 1963/64     | 123  | 29        | 152  | 1963/64        | 226  |
| 1964/65     | 129  | 27        | 155  | 1964/65        | 214  |
| 1965/66     | 119  | 31        | 150  | 1965/66        | 208  |
| 1966/67     | 162  | 32        | 194  | 1966/67        | 242  |
| 1967/68     | 96   | 28        | 123  | 1967/68        | 149  |
| 1968/69     | 106  | 22        | 129  | 1968/69        | 174  |
| 1969/70     | 108  | 24        | 132  | 1969/70        | 197  |
| 1970/71     | 140  | 30        | 171  | 1970/71        | 247  |
| 1971/72     | 158  | 24        | 182  | 1971/72        | 241  |
| 1972/73     | 94   | 30        | 123  | 1972/73        | 172  |
| 1973/74     | 141  | 28        | 170  | 1973/74        | 211  |
| 1974/75     | 112  | 24        | 135  | 1974/75        | 174  |
| 1975/76     | 105  | 25        | 130  | 1975/76        | 196  |
| 1976/77     | 114  | 27        | 142  | 1976/77        | 172  |
| 1977/78     | 103  | 29        | 132  | 1977/78        | 136  |
| 1978/79     | 137  | 23        | 160  | 1978/79        | 229  |
| 1979/80     | 99   | 25        | 124  | 1979/80        | 161  |
| 1980/81     | 138  | 29        | 167  | 1980/81        | 202  |
| 1981/82     | 134  | 30        | 164  | 1981/82        | 235  |
| 1982/83     | 116  | 27        | 143  | 1982/83        | 182  |
| 1983/84     | 109  | 29        | 138  | 1983/84        | 163  |
| 1984/85     | 110  | 21        | 131  | 1984/85        | 173  |
| 1985/86     | 121  | 29        | 150  | 1985/86        | 180  |
| 1986/87     | 94   | 22        | 116  | 1986/87        | 155  |
| 1987/88     | 86   | 25        | 111  | 1987/88        | 131  |
| 1988/89     | 95   | 20        | 114  | 1988/89        | 138  |
| 1989/90     | 97   | 24        | 121  | 1989/90        | 150  |
| 1990/91     | 113  | 24        | 138  | <b>Mean</b>    | <b>115</b>   |
|             |  |           |  | <b>Mean</b>    | <b>141</b>   |
| 1991/92     | 117  | 26        | 142  |                |  |
| 1992/93     | 65   | 22        | 87   |                |  |
| 1993/94     | 96   | 23        | 120  |                |  |
| 1994/95     | 123  | 26        | 149  |                |  |
| 1995/96     | 131  | 30        | 160  |                |  |
| 1996/97     | 117  | 23        | 140  |                |  |
| 1997/98     | 96   | 22        | 117  |                |  |
| 1998/99     | 88   | 17        | 105  |                |  |
| 1999/00     | 105  | 27        | 132  |                |  |
| <b>Mean</b> | <b>114</b>   | <b>26</b> | <b>139</b>   |                |  |
|             |  |           |  | <b>Mean</b>    | <b>189</b>   |
|             |  |           |  |                | <b>34</b>  |
|             |  |           |  |                | <b>223</b>   |

Source: WUP-JICA Study Team

Source: WUP-JICA Study Team

**Table 6.30 Seasonal Volume of Annual Flow Regime (3/3)**

| Mukdahan | Seasonal Volume in Billion m <sup>3</sup> |                         |                         | Seasonal Volume in Billion m <sup>3</sup> |                         |                     |
|----------|---|-------------------------|-------------------------|---|-------------------------|---------------------|
|          | Year                                      | Wet season<br>(Jun-Nov) |                         | Dry season<br>(Dec-May)                   |                         | Annual<br>(Jun-May) |
|          |   | Wet season<br>(Jun-Nov) | Dry season<br>(Dec-May) | Wet season<br>(Jun-Nov)                   | Dry season<br>(Dec-May) |                     |
| 1961/62  | 249                                       | 37                      | 286                     | 1996/67                                   | 304                     | 43                  |
| 1962/63  | 198                                       | 28                      | 225                     | 1997/68                                   | 204                     | 37                  |
| 1963/64  | 253                                       | 40                      | 293                     | 1998/69                                   | 204                     | 32                  |
| 1964/65  | 232                                       | 38                      | 270                     | 1999/70                                   | 239                     | 37                  |
| 1965/66  | 221                                       | 41                      | 262                     | 1970/71                                   | 287                     | 40                  |
| 1966/67  | 271                                       | 39                      | 310                     | 1971/72                                   | 287                     | 49                  |
| 1967/68  | 178                                       | 34                      | 212                     | 1972/73                                   | 234                     | 46                  |
| 1968/69  | 179                                       | 29                      | 208                     | 1973/74                                   | 245                     | 42                  |
| 1969/70  | 212                                       | 31                      | 243                     | 1974/75                                   | 243                     | 39                  |
| 1970/71  | 252                                       | 39                      | 291                     | 1975/76                                   | 273                     | 48                  |
| 1971/72  | 255                                       | 29                      | 284                     | 1976/77                                   | 229                     | 34                  |
| 1972/73  | 193                                       | 38                      | 231                     | 1977/78                                   | 180                     | 37                  |
| 1973/74  | 217                                       | 34                      | 251                     | 1978/79                                   | 340                     | 40                  |
| 1974/75  | 183                                       | 32                      | 216                     | 1979/80                                   | 227                     | 39                  |
| 1975/76  | 204                                       | 33                      | 237                     | 1990/81                                   | 280                     | 53                  |
| 1976/77  | 177                                       | 35                      | 212                     | 1981/82                                   | 323                     | 52                  |
| 1977/78  | 136                                       | 35                      | 171                     | 1982/83                                   | 243                     | 43                  |
| 1978/79  | 239                                       | 35                      | 274                     | 1983/84                                   | 225                     | 48                  |
| 1979/80  | 166                                       | 29                      | 194                     | 1984/85                                   | 267                     | 40                  |
| 1980/81  | 203                                       | 37                      | 241                     | 1985/86                                   | 268                     | 52                  |
| 1981/82  | 239                                       | 39                      | 277                     | 1986/87                                   | 248                     | 36                  |
| 1982/83  | 200                                       | 35                      | 234                     | 1987/88                                   | 198                     | 37                  |
| 1983/84  | 180                                       | 37                      | 216                     | 1988/89/90                                | 210                     | 43                  |
| 1984/85  | 204                                       | 34                      | 238                     | 1990/91                                   | 275                     | 41                  |
| 1985/86  | 208                                       | 45                      | 253                     | 1991/92                                   | 262                     | 45                  |
| 1986/87  | 182                                       | 32                      | 214                     | 1992/93                                   | 171                     | 37                  |
| 1987/88  | 157                                       | 36                      | 194                     | 1993/94                                   | 182                     | 31                  |
| 1988/89  | 160                                       | 30                      | 190                     | 1994/95                                   | 264                     | 36                  |
| 1989/90  | 177                                       | 35                      | 212                     | 1995/96                                   | 244                     | 40                  |
| 1990/91  | 223                                       | 35                      | 258                     | 1996/97                                   | 244                     | 42                  |
| 1991/92  | 206                                       | 37                      | 242                     | 1997/98                                   | 246                     | 35                  |
| 1992/93  | 132                                       | 31                      | 162                     | 1998/99                                   | 161                     | 37                  |
| 1993/94  | 180                                       | 32                      | 212                     | <b>Mean</b>                               | <b>244</b>              | <b>41</b>           |
| 1994/95  | 252                                       | 35                      | 287                     | <b>Mean</b>                               | <b>285</b>              | <b>41</b>           |
| 1995/96  | 233                                       | 38                      | 271                     | <b>Mean</b>                               | <b>239</b>              | <b>35</b>           |
| 1996/97  | 219                                       | 36                      | 254                     | <b>Mean</b>                               | <b>204</b>              | <b>35</b>           |
| 1997/98  | 220                                       | 32                      | 252                     | <b>Mean</b>                               | <b>35</b>               | <b>33</b>           |
| 1998/99  | 153                                       | 33                      | 185                     | <b>Mean</b>                               | <b>153</b>              | <b>33</b>           |

  

| Khong Chiam | Seasonal Volume in Billion m <sup>3</sup> |                         |                         | Seasonal Volume in Billion m <sup>3</sup> |                         |                     |
|-------------|---|-------------------------|-------------------------|---|-------------------------|---------------------|
|             | Year                                      | Wet season<br>(Jun-Nov) |                         | Dry season<br>(Dec-May)                   |                         | Annual<br>(Jun-May) |
|             |   | Wet season<br>(Jun-Nov) | Dry season<br>(Dec-May) | Wet season<br>(Jun-Nov)                   | Dry season<br>(Dec-May) |                     |
| 1996/67     | 304                                       | 43                      | 347                     | 1961/62                                   | 347                     | 40                  |
| 1997/68     | 204                                       | 37                      | 242                     | 1962/63                                   | 280                     | 30                  |
| 1998/69     | 204                                       | 32                      | 236                     | 1963/64                                   | 291                     | 45                  |
| 1999/70     | 239                                       | 37                      | 276                     | 1964/65                                   | 285                     | 42                  |
| 1970/71     | 287                                       | 40                      | 327                     | 1965/66                                   | 264                     | 52                  |
| 1971/72     | 287                                       | 49                      | 336                     | 1966/67                                   | 325                     | 45                  |
| 1972/73     | 234                                       | 46                      | 280                     | 1967/68                                   | 219                     | 40                  |
| 1973/74     | 245                                       | 42                      | 287                     | 1968/69                                   | 219                     | 32                  |
| 1974/75     | 243                                       | 39                      | 282                     | 1969/70                                   | 255                     | 35                  |
| 1975/76     | 273                                       | 48                      | 321                     | 1970/71                                   | 312                     | 42                  |
| 1976/77     | 229                                       | 34                      | 263                     | 1971/72                                   | 307                     | 40                  |
| 1977/78     | 180                                       | 37                      | 217                     | 1972/73                                   | 262                     | 47                  |
| 1978/79     | 340                                       | 40                      | 380                     | 1973/74                                   | 266                     | 45                  |
| 1979/80     | 227                                       | 39                      | 267                     | 1974/75                                   | 257                     | 41                  |
| 1980/81     | 280                                       | 53                      | 333                     | 1975/76                                   | 296                     | 43                  |
| 1981/82     | 323                                       | 52                      | 375                     | 1976/77                                   | 245                     | 42                  |
| 1982/83     | 243                                       | 43                      | 287                     | 1977/78                                   | 192                     | 42                  |
| 1983/84     | 225                                       | 48                      | 273                     | 1978/79                                   | 360                     | 45                  |
| 1984/85     | 267                                       | 40                      | 307                     | 1979/80                                   | 256                     | 37                  |
| 1985/86     | 268                                       | 52                      | 320                     | 1980/81                                   | 288                     | 48                  |
| 1986/87     | 248                                       | 36                      | 284                     | 1981/82                                   | 330                     | 50                  |
| 1987/88     | 198                                       | 37                      | 236                     | 1982/83                                   | 256                     | 43                  |
| 1988/89     | 210                                       | 43                      | 253                     | 1983/84                                   | 229                     | 48                  |
| 1989/90     | 275                                       | 41                      | 316                     | 1984/85                                   | 290                     | 41                  |
| 1990/91     | 275                                       | 41                      | 316                     | 1985/86                                   | 274                     | 50                  |
| 1991/92     | 262                                       | 45                      | 307                     | 1986/87                                   | 238                     | 36                  |
| 1992/93     | 171                                       | 37                      | 208                     | 1987/88                                   | 207                     | 40                  |
| 1993/94     | 182                                       | 31                      | 212                     | 1988/89                                   | 196                     | 33                  |
| 1994/95     | 264                                       | 36                      | 300                     | 1989/90                                   | 230                     | 42                  |
| 1995/96     | 244                                       | 40                      | 285                     | 1990/91                                   | 283                     | 39                  |
| 1996/97     | 244                                       | 42                      | 286                     | 1991/92                                   | 280                     | 39                  |
| 1997/98     | 246                                       | 35                      | 280                     | 1992/93                                   | 189                     | 33                  |
| 1998/99     | 161                                       | 37                      | 198                     | 1993/94                                   | 219                     | 36                  |
| 1999/00     | 1999/00                                   | 273                     | 35                      | <b>Mean</b>                               | <b>239</b>              | <b>331</b>          |

  

| Pakse   | Seasonal Volume in Billion m <sup>3</sup> |                         |                         | Seasonal Volume in Billion m <sup>3</sup> |                         |                     |
|---------|---|-------------------------|-------------------------|---|-------------------------|---------------------|
|         | Year                                      | Wet season<br>(Jun-Nov) |                         | Dry season<br>(Dec-May)                   |                         | Annual<br>(Jun-May) |
|         |   | Wet season<br>(Jun-Nov) | Dry season<br>(Dec-May) | Wet season<br>(Jun-Nov)                   | Dry season<br>(Dec-May) |                     |
| 1961/62 | 304                                       | 43                      | 347                     | 1961/62                                   | 347                     | 40                  |
| 1962/63 | 204                                       | 37                      | 242                     | 1962/63                                   | 280                     | 30                  |
| 1963/64 | 204                                       | 32                      | 236                     | 1963/64                                   | 291                     | 45                  |
| 1964/65 | 239                                       | 37                      | 276                     | 1964/65                                   | 285                     | 42                  |
| 1965/66 | 287                                       | 40                      | 327                     | 1965/66                                   | 264                     | 52                  |
| 1966/67 | 287                                       | 49                      | 336                     | 1966/67                                   | 325                     | 45                  |
| 1967/68 | 234                                       | 46                      | 280                     | 1967/68                                   | 219                     | 40                  |
| 1968/69 | 234                                       | 42                      | 259                     | 1968/69                                   | 251                     | 32                  |
| 1969/70 | 232                                       | 32                      | 290                     | 1969/70                                   | 290                     | 290                 |
| 1970/71 | 232                                       | 32                      | 353                     | 1970/71                                   | 316                     | 316                 |

Source: WUP-JICA Study Team

Source: WUP-JICA Study Team