

# Sheet 2: Evapotranspiration (0.01 km3/month)

Period: 2008-06  
Basin: Belawan



|                                 |                          | ET                        | T                    |            |     | ET | T |
|---------------------------------|--------------------------|---------------------------|----------------------|------------|-----|----|---|
| <b>Total evapotranspiration</b> | <b>Non-manage-able</b>   | <b>Protected Land Use</b> | Forests              | 0.6        | 0.3 |    |   |
|                                 |                          |                           | Shrubland            | 0.3        | 0.1 |    |   |
|                                 |                          |                           | Natural grasslands   | 0.0        | 0.0 |    |   |
|                                 |                          |                           | Natural water bodies | 0.0        | 0.0 |    |   |
|                                 |                          |                           | Wetlands             | 0.0        | 0.0 |    |   |
|                                 |                          |                           | Glaciers             | 0.0        | 0.0 |    |   |
|                                 |                          |                           | Other                | 0.1        | 0.1 |    |   |
|                                 | <b>1.1</b>               | <b>1.1</b>                | <b>0.6</b>           |            |     |    |   |
|                                 | <b>Manage-able</b>       | <b>Utilized Land Use</b>  | Forests              | 4.5        | 1.3 |    |   |
|                                 |                          |                           | Shrubland            | 2.5        | 0.6 |    |   |
| Natural grassland               |                          |                           | 1.1                  | 0.5        |     |    |   |
| Natural water bodies            |                          |                           | 0.0                  | 0.0        |     |    |   |
| Wetlands                        |                          |                           | 0.3                  | 0.2        |     |    |   |
| Other                           |                          |                           | 0.0                  | 0.0        |     |    |   |
| <b>8.3</b>                      |                          |                           | <b>8.3</b>           | <b>2.6</b> |     |    |   |
| <b>Managed</b>                  | <b>Modified Land Use</b> | Rainfed crops             | 23.8                 | 6.9        |     |    |   |
|                                 |                          | Forest plantations        | 14.0                 | 4.1        |     |    |   |
|                                 |                          | Settlements               | 0.0                  | 0.0        |     |    |   |
|                                 |                          | Other                     | 0.0                  | 0.0        |     |    |   |
|                                 | <b>37.7</b>              | <b>11.0</b>               |                      |            |     |    |   |
|                                 | <b>Managed Water Use</b> | <b>Con-ventional</b>      | Irrigated crops      | 9.8        | 5.0 |    |   |
|                                 |                          |                           | Managed water bodies | 1.6        | 1.0 |    |   |
|                                 |                          |                           | Residential          | 4.5        | 3.4 |    |   |
|                                 |                          |                           | Industry             | 0.0        | 0.0 |    |   |
|                                 |                          |                           | Other                | 0.0        | 0.0 |    |   |
|                                 |                          |                           | <b>15.9</b>          | <b>9.5</b> |     |    |   |
|                                 |                          | <b>Non-conventional</b>   | Indoor domestic      | 0.0        | 0.0 |    |   |
|                                 |                          |                           | Indoor industry      | 0.0        | 0.0 |    |   |
| Other                           |                          |                           | 0.0                  | 0.0        |     |    |   |
| <b>53.6</b>                     |                          |                           |                      |            |     |    |   |

|                      |             |                     |              |                            |
|----------------------|-------------|---------------------|--------------|----------------------------|
| <b>Evaporation</b>   | <b>39.4</b> | <b>Interception</b> | <b>28.1</b>  | <b>Non-Beneficial 40.1</b> |
|                      |             |                     | <b>11.1</b>  |                            |
|                      |             | <b>0.2</b>          | <b>Water</b> | <b>Beneficial 22.9</b>     |
| <b>Transpiration</b> | <b>23.6</b> | Agriculture         | 15.1         |                            |
|                      |             | Environment         | 3.0          |                            |
|                      |             | Economy             | 4.0          |                            |
|                      |             | Energy              | 0.1          |                            |
|                      |             | Leisure             | 0.8          |                            |
|                      |             |                     |              |                            |