

## UPPER PENINSULA EAST COAST

Location Lat.10° - 35' - 34" N., Long.99° - 08' - 43" E., Amphoe Tha Sae , Chumphon

| Method of Sampling | Depth Integrating |
|--------------------|-------------------|
|--------------------|-------------------|

|                             |                |
|-----------------------------|----------------|
| Period of Available Records | 1996 - Cont' d |
|-----------------------------|----------------|

Using Rating Curve Water Year 2024

|            |        |
|------------|--------|
| R - Square | 0.8857 |
|------------|--------|

|         |                            |
|---------|----------------------------|
| Remarks | Continued Sediment Station |
|---------|----------------------------|

$$QS = 5.0447 QW^{1.1069}$$

## Water Year - 2024

Suspended Sediment, in Tons per Day, Water Year April 1, 2024 to March 31, 2025

| Date  | Apr    | May     | Jun     | Jul     | Aug     | Sep     | Oct     | Nov      | Dec      | Jan     | Feb     | Mar     | Annual       |
|-------|--------|---------|---------|---------|---------|---------|---------|----------|----------|---------|---------|---------|--------------|
| 1     | 100.93 | 26.01   | 50.40   | 110.44  | 253.96  | 116.85  | 159.73  | 120.11   | 183.60   | 113.68  | 91.43   | 149.55  | 1476.69      |
| 2     | 78.96  | 26.01   | 50.40   | 107.29  | 207.84  | 120.11  | 142.83  | 113.68   | 169.90   | 110.44  | 82.09   | 97.73   | 1307.27      |
| 3     | 61.68  | 26.01   | 50.40   | 100.93  | 149.55  | 225.43  | 176.73  | 327.62   | 166.53   | 110.44  | 73.15   | 97.73   | 1566.19      |
| 4     | 42.11  | 26.01   | 50.40   | 94.61   | 146.23  | 373.03  | 180.20  | 716.45   | 232.53   | 110.44  | 67.39   | 94.61   | 2134.00      |
| 5     | 31.29  | 26.01   | 50.40   | 88.33   | 166.53  | 293.95  | 149.55  | 1307.18  | 221.88   | 110.44  | 64.53   | 94.61   | 2604.70      |
| 6     | 26.01  | 26.01   | 50.40   | 78.96   | 152.97  | 218.34  | 126.57  | 1900.53  | 142.83   | 110.44  | 64.53   | 94.61   | 2992.19      |
| 7     | 26.01  | 26.01   | 50.40   | 73.15   | 120.11  | 146.23  | 136.29  | 2205.28  | 139.59   | 110.44  | 64.53   | 94.61   | 3192.63      |
| 8     | 26.01  | 26.01   | 50.40   | 67.39   | 116.85  | 139.59  | 308.87  | 2428.33  | 146.23   | 110.44  | 64.53   | 94.61   | 3579.25      |
| 9     | 26.01  | 26.01   | 50.40   | 61.68   | 133.07  | 129.78  | 190.48  | 2399.96  | 156.31   | 110.44  | 64.53   | 97.73   | 3446.37      |
| 10    | 26.01  | 26.01   | 50.40   | 61.68   | 123.30  | 136.29  | 190.48  | 2385.78  | 211.28   | 110.44  | 64.53   | 149.55  | 3535.75      |
| 11    | 26.01  | 26.01   | 50.40   | 61.68   | 139.59  | 123.30  | 528.06  | 1757.98  | 214.81   | 107.29  | 64.53   | 183.60  | 3283.24      |
| 12    | 26.01  | 26.01   | 64.53   | 61.68   | 116.85  | 116.85  | 752.58  | 875.74   | 239.65   | 107.29  | 64.53   | 113.68  | 2565.38      |
| 13    | 26.01  | 26.01   | 76.05   | 64.53   | 116.85  | 218.34  | 316.36  | 484.92   | 649.17   | 107.29  | 64.53   | 94.61   | 2244.65      |
| 14    | 26.01  | 26.01   | 78.96   | 126.57  | 116.85  | 693.95  | 434.41  | 415.14   | 3307.89  | 104.06  | 64.53   | 94.61   | 5488.98      |
| 15    | 26.01  | 31.29   | 78.96   | 152.97  | 116.85  | 649.17  | 481.02  | 422.84   | 7536.35  | 100.93  | 64.53   | 94.61   | 9755.51      |
| 16    | 26.01  | 36.66   | 78.96   | 236.09  | 116.85  | 524.12  | 365.43  | 354.04   | 4390.88  | 100.93  | 64.53   | 94.61   | 6389.09      |
| 17    | 26.01  | 36.66   | 78.96   | 1037.89 | 116.85  | 438.28  | 354.04  | 323.86   | 1829.86  | 97.73   | 64.53   | 94.61   | 4499.27      |
| 18    | 26.01  | 44.86   | 76.05   | 986.64  | 116.85  | 305.14  | 825.34  | 293.95   | 816.21   | 97.73   | 64.53   | 94.61   | 3747.91      |
| 19    | 26.01  | 58.84   | 78.96   | 698.44  | 116.85  | 346.47  | 1328.20 | 293.95   | 609.13   | 97.73   | 120.11  | 94.61   | 3869.30      |
| 20    | 26.01  | 78.96   | 78.96   | 457.66  | 116.85  | 323.86  | 496.65  | 253.96   | 484.92   | 97.73   | 149.55  | 94.61   | 2659.71      |
| 21    | 26.01  | 67.39   | 78.96   | 320.11  | 116.85  | 354.04  | 275.57  | 743.53   | 331.38   | 97.73   | 187.08  | 94.61   | 2693.25      |
| 22    | 26.01  | 61.68   | 78.96   | 163.09  | 116.85  | 354.04  | 187.08  | 1605.33  | 301.41   | 97.73   | 243.22  | 94.61   | 3329.99      |
| 23    | 26.01  | 53.20   | 78.96   | 129.78  | 116.85  | 357.83  | 152.97  | 591.41   | 275.57   | 97.73   | 163.09  | 94.61   | 2137.99      |
| 24    | 26.01  | 36.66   | 85.17   | 173.35  | 116.85  | 293.95  | 183.60  | 331.38   | 257.55   | 97.73   | 152.97  | 94.61   | 1849.82      |
| 25    | 26.01  | 28.64   | 166.53  | 559.65  | 116.85  | 293.95  | 301.41  | 415.14   | 236.09   | 97.73   | 982.00  | 94.61   | 3318.58      |
| 26    | 26.01  | 47.62   | 268.35  | 949.53  | 116.85  | 365.43  | 187.08  | 1392.92  | 221.88   | 97.73   | 1083.28 | 94.61   | 4851.28      |
| 27    | 26.01  | 50.40   | 197.39  | 671.53  | 116.85  | 346.47  | 133.07  | 684.97   | 207.84   | 97.73   | 338.92  | 94.61   | 2965.79      |
| 28    | 26.01  | 50.40   | 149.55  | 729.98  | 116.85  | 207.84  | 146.23  | 380.66   | 204.33   | 97.73   | 204.33  | 100.93  | 2414.82      |
| 29    | 26.01  | 50.40   | 113.68  | 449.90  | 116.85  | 180.20  | 290.24  | 327.62   | 197.39   | 97.73   |         | 100.93  | 1950.95      |
| 30    | 26.01  | 50.40   | 113.68  | 492.74  | 116.85  | 169.90  | 279.19  | 261.15   | 133.07   | 97.73   |         | 94.61   | 1835.31      |
| 31    |        | 50.40   |         | 434.41  | 116.85  |         | 149.55  |          | 120.11   | 97.73   |         | 94.61   | 1063.67      |
| Total | 965.10 | 1198.54 | 2576.02 | 9802.63 | 4047.06 | 8562.77 | 9929.81 | 26115.40 | 24336.18 | 3201.31 | 4841.97 | 3172.79 | 98749.57 Ton |
| Mean  | 32.17  | 38.66   | 85.87   | 316.21  | 130.55  | 285.43  | 320.32  | 870.51   | 785.04   | 103.27  | 172.93  | 102.35  | 270.28       |
| Max   | 100.93 | 78.96   | 268.35  | 1037.89 | 253.96  | 693.95  | 1328.20 | 2428.33  | 7536.35  | 113.68  | 1083.28 | 183.60  | 7536.35      |
| Min   | 26.01  | 26.01   | 50.40   | 61.68   | 116.85  | 116.85  | 126.57  | 113.68   | 120.11   | 97.73   | 64.53   | 94.61   | 26.01        |

Stop - Program terminated.