**Ontario Low Water Response Program - Calculated Indexes, 2025**

**January**

**Precipitation – 1 month**

|  |  |  |  |
| --- | --- | --- | --- |
| **Station** | **Average January, mm** | **Actual January 2025** | **Ontario Low Water Response Conditions Level** |
| **mm** | **%** |
| Indian Point PP  | 89.8 | 113.6 | 126% | **Normal** |
| Ken Reid CA | 60.9 | 37.8 | 62% | **LEVEL 1** |
| Port Perry | 64.9 | 31.2 | 48% | **LEVEL 2** |
| **Average for Watershed** | **72** | **60.9** | **85%** | **Normal** |

**Flow**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Station** | **Minimum monthly summer flow, m3/sec** | **January 2025** **mean,** **m3/sec** | **January 2025,**  **% of minimum summer flow** | **Ontario Low Water Response Conditions Level** |
| Burnt River near Burnt River | 8.10 | 10.03 | 127% | **Normal** |
| Mariposa Brook at Little Britain | 0.194 | 2.02 | 1041% | **Normal** |
| Blackstock Creek near Blackstock  | 0.041 | 0.15 | 360% | **Normal** |
| Pigeon River at Lotus | 0.253 | 0.26 | 103% | **Normal** |

### February

**Precipitation**

**Precipitation – 1 month**

|  |  |  |  |
| --- | --- | --- | --- |
| **Station** | **Average February, mm** | **Actual February 2025** | **Ontario Low Water Response Conditions Level** |
| **mm** | **%** |
| Indian Point PP  | 66.4 | N/A | N/A | **N/A** |
| Ken Reid CA | 56.9 | 59.8 | 105% | **Normal** |
| Port Perry | 45.9 | 112.8 | 159% | **Normal** |
| **Average for watershed** | 51.4 | **86.3** | **168%** | **Normal** |

**Flow**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Station** | **Minimum monthly summer flow, m3/sec** | **February 2025 -** **mean,** **m3/sec** | **February 2025,**  **% of minimum summer flow** | **Ontario Low Water Response Conditions Level** |
| Burnt River near Burnt River | 8.10 | 5.73 | 70% | **Normal** |
| Mariposa Brook at Little Britain | 0.194 | 1.24 | 639% | **Normal** |
| Blackstock Creek near Blackstock | 0.041 | 0.10 | 250% | **Normal** |
| Pigeon River at Lotus | 0.253 | 0.22 | 86% | **Normal** |

**MARCH**

**Precipitation**

**Precipitation – 1 month**

|  |  |  |  |
| --- | --- | --- | --- |
| **Station** | **Average March, mm** | **Actual March 2025** | **Ontario Low Water Response Conditions Level** |
| **mm** | **%** |
| Indian Point PP  | 71.1 | N/A | N/A | **N/A** |
| Ken Reid CA | 52.7 | 81.5 | 155% | **Normal** |
| Port Perry | 53.1 | 86.5 | 163% | **Normal** |
| **Average for watershed** | 52.9 | **84** | **159%** | **Normal** |

**Precipitation – 3 months**

|  |  |  |  |
| --- | --- | --- | --- |
| **Station** | **Average 3-month, January-March,****mm** | **Actual 3-month****January – March 2025** | **Ontario Low Water Response Conditions Level** |
| **mm** | **%** |
| Indian Point PP | 227.3 | N/A | N/A | **N/A** |
| Ken Reid CA | 170.6 | 179.1 | 105% | **Normal** |
| Port Perry | 163.9 | 230.5 | 141% | **Normal** |
| **Average for watershed** | **167.3** | **204.8** | **122%** | **Normal** |

**Flow**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Station** | **Minimum monthly summer flow, m3/sec** | **March 2025 -** **mean,** **m3/sec** | **March 2025,**  **% of minimum summer flow** | **Ontario Low Water Response Conditions Level** |
| Burnt River near Burnt River | 8.10 | 22.02 | 271% | **Normal** |
| Mariposa Brook at Little Britain | 0.194 | 10.2 | 5,257% | **Normal** |
| Blackstock Creek near Blackstock | 0.041 | 0.79 | 1926% | **Normal** |
| Pigeon River at Lotus | 0.253 | 0.45 | 177% | **Normal** |

**April**

**Precipitation**

**Precipitation – 1 month**

|  |  |  |  |
| --- | --- | --- | --- |
| **Station** | **Average April, mm** | **Actual April 2025** | **Ontario Low Water Response Conditions Level** |
| **mm** | **%** |
| Indian Point PP | 78.7  | N/A | N/A | **Normal** |
| Trent Lakes Municipal Office | 78.7 | 107.1 | 136% | **Normal** |
| Emily PP | 65.2 | N/A | N/A | **Normal** |
| Ken Reid CA | 85.7 | 68.6 | 80% | **Normal** |
| Mariposa Brook GS | 65.0 | 59.4 | 91% | **Normal** |
| Port Perry | 67.9 | 59.9 | 88% | **Normal** |
| Blackstock Creek GS | 69.5 | 103.4 | 149% | **Normal** |
| **Average**  | **73.36** | **79.68** | **109%** | **Normal** |

**Precipitation – 3 months**

|  |  |  |  |
| --- | --- | --- | --- |
| **Station** | **Average 3-month, February-April,****mm** | **Actual 3-month****February – April 2025** | **Ontario Low Water Response Conditions Level** |
| **mm** | **%** |
| Indian Point PP | 216.2 | N/A | N/A | **N/A** |
| Ken Reid CA | 188.6 | 209.9 | 111% | **Normal**  |
| Port Perry | 166.9 | 259.2 | 155% | **Normal** |
| **Average**  | **177.8** | **234.5** | **132%** | **Normal** |

**Flow**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Flow Station** | **Minimum monthly summer flow, m3/sec** | **April 2025 -****mean,****m3/sec** | **April 2025,****% of minimum summer flow** | **Ontario Low Water Response Conditions Level** |
| Burnt River near Burnt River | 8.10 | 36.61 | 452% | **Normal** |
| Mariposa Brook at Little Britain | 0.194 | 4.9 | 2,525% | **Normal** |
| Blackstock Creek near Blackstock | 0.041 | 0.50 | 1,220% | **Normal** |
| Pigeon River at Lotus | 0.253 | 0.36 | 142% | **Normal** |

**May**

**Precipitation – 1 month**

|  |  |  |  |
| --- | --- | --- | --- |
| **Station** | **Average May, mm** | **Actual May 2025** | **Ontario Low Water Response Conditions Level** |
| **mm** | **%** |
| Indian Point PP | 97.8  | N/A | N/A | **N/A** |
| Trent Lakes Municipal Office  | 97.8 | 131.4 | 134% | **Normal** |
| Emily PP | 83.8 | N/A | N/A | **N/A** |
| Ken Reid CA | 76.3 | 102.6 | 134% | **Normal** |
| Mariposa Br. GS | 83.8 | 95 | 113% | **Normal** |
| Port Perry | 82.1  | 112 | 136% | **Normal** |
| Blackstock GS | 106.9 | 192 | 179% | **Normal** |
| **Average** | 89.4 | **126.6** | **142%** | **Normal** |

**Precipitation – 3 months**

|  |  |  |  |
| --- | --- | --- | --- |
| **Station** | **Average 3-month, March-May,****mm** | **Actual 3-month****March-May 2025** | **Ontario Low Water Response Conditions Level** |
| **mm** | **%** |
| Indian Point PP | 247.6 | N/A | N/A | **N/A** |
| Ken Reid CA | 204.4 | 252.7 | 124% | **Normal** |
| Port Perry | 203.1 | 247.1 | 122% | **Normal** |
| **Average** | **203.8** | **249.9** | **123%** | **Normal** |

**Flow**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Station** | **Minimum monthly summer flow, m3/sec** | **May 2025 -****mean,****m3/sec** | **May 2025,****% of minimum summer flow** | **Ontario Low Water Response Conditions Level** |
| Burnt River near Burnt River | 8.10 | 28.31 | 349% | **Normal** |
| Mariposa Brook at Little Britain | 0.194 | 1.75 | 902% | **Normal** |
| Blackstock Creek near Blackstock | 0.041 | 0.41 | 1000% | **Normal** |
| Pigeon River at Lotus | 0.253 | 0.33 | 130% | **Normal** |

**June**

**Precipitation – 1 month**

|  |  |  |  |
| --- | --- | --- | --- |
| **Station** | **Average June, mm** | **Actual June 2025** | **Ontario Low Water Response Conditions Level** |
| **mm** | **%** |
| Indian Point PP | 90.6 | N/A | N/A | N/A |
| Trent Lakes Municipal Center | 90.6 | 17.5 | 19% | **LEVEL 3** |
| Emily PP | 82.6 | N/A | N/A | N/A |
| Ken Reid CA | 92.8 | 21.3 | 23% | **LEVEL 3** |
| Mariposa Br. GS | 79.2 | 22.5 | 28% | **LEVEL 3** |
| Port Perry | 106.6  | 33 | 31% | **LEVEL 3** |
| Blackstock Cr. GS | 96.8 | 38.4 | 40% | **LEVEL 3** |
| Pigeon River GS | 96.8 | 30.6 | 32% | **LEVEL 3** |
| **Average** | **92** | **23.9** | **26%** | **LEVEL 3** |

**Precipitation – 3 months**

|  |  |  |  |
| --- | --- | --- | --- |
| **Station** | **Average 3-month,** **April-June,****mm** | **Actual 3-month****April-June 2025** | **Ontario Low Water Response Conditions Level** |
| **mm** | **%** |
| Indian Point PP | 267.1 | N/A | N/A | N/A |
| Ken Reid CA | 233.1 | 192.5 | 82% | **NORMAL** |
| Mariposa Br. GS | 220.0 | 176.9 | 80% | **NORMAL** |
| Port Perry | 256.6 | 207.5 | 81% | **NORMAL** |
| Blackstock Cr. GS | 273.3 | 333.8 | 122% | **NORMAL** |
| **Average**  | **245.75** | **227.67** | **92%** | **NORMAL** |

**Flow**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Station** | **Minimum monthly summer flow, m3/sec** | **June 2025 -****mean, m3/sec** | **June 2025,****% of minimum summer flow** | **Ontario Low Water Response Conditions Level** |
| Burnt River near Burnt River | 8.10 | 13.3 | 164% | **NORMAL** |
| Mariposa Brook at Little Britain | 0.194 | 0.75 | 386% | **NORMAL** |
| Blackstock Creek near Blackstock | 0.041 | 0.094 | 229% | **NORMAL** |
| Pigeon River at Lotus | 0.253 | 0.212 | 83% | **NORMAL** |

**July**

**Precipitation – 1 month**

|  |  |  |  |
| --- | --- | --- | --- |
| **Station** | **Average July, mm** | **Actual July, 2025** | **Ontario Low Water Response Conditions Level** |
| **mm** | % |
| Indian Point PP | 82.2 |  |  |  |
| Trent Lakes Municipal Center | 82.2 |  |  |  |
| Emily PP | 75.8 |  |  |  |
| Ken Reid CA | 76.8 |  |  |  |
| Mariposa Br. GS | 72.4 |  |  |  |
| Port Perry | 74.9 |  |  |  |
| Blackstock Cr. GS | 105.4 |  |  |  |
| Pigeon R. GS | 105.4 |  |  |  |
| **Average for Watershed** | 85.6 |  |  |  |

**Precipitation – 3 months**

|  |  |  |  |
| --- | --- | --- | --- |
| **Station** | **Average 3-month, May-July,** **mm** | **Actual 3-month,****May-July 2025** | **Ontario Low Water Response Conditions Level** |
| **mm** | **%** |
| Indian Point PP | 270.6 |  |  |  |
| Trent Lakes Municipal Center | 270.6 |  |  |  |
| Emily PP | 237.3 |  |  |  |
| Ken Reid CA | 237.3 |  |  |  |
| Mariposa Br. GS | 228.9 |  |  |  |
| Port Perry | 275.1 |  |  |  |
| Blackstock Cr. GS  | 308.4 |  |  |  |
| Pigeon Rv. GS | 308.4 |  |  |  |
| **Average for Watershed** | **267** |  |  |  |

**Flow**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Station** | **Minimum monthly summer flow, m3/sec** | **July 2025 -****mean,****m3/sec** | **July 2025,****% of minimum summer flow** | **Ontario Low Water Response Conditions Level** |
| Burnt River near Burnt River | 8.10 |  |  |  |
| Mariposa Brook at Little Britain | 0.1940 |  |  |  |
| Blackstock Creek near Blackstock | 0.041 |  |  |  |
| Pigeon River near Lotus | 0.228 |  |  |  |

**August**

**Precipitation – 1 month**

|  |  |  |  |
| --- | --- | --- | --- |
| **Station** | **Average August, mm** | **Actual August, 2025** | **Ontario Low Water Response Conditions Level** |
| **mm** | **%** |
| Indian Point PP | 78.0 |  |  | **Normal** |
| Trent Lakes Municipal Center | 78.0 |  |  | **Normal** |
| Emily PP | 85.7 |  |  | **NA** |
| Ken Reid CA | 76.8 |  |  | **Normal** |
| Mariposa Br. GS | 86.4 |  |  | **Normal** |
| Sonya Sundance | 58.4 |  |  | **NA** |
| Blackstock Cr. GS | 87.10 |  |  | **NA** |
| Port Perry | 87.10 |  |  | **Normal** |
| Pigeon Rv. GS | 87.10 |  |  | **Normal** |
| **Average for Watershed** | **80.5** |  |  | **Normal** |

**Precipitation – 3 months**

|  |  |  |  |
| --- | --- | --- | --- |
| **Station** | **Average 3-month, June-August,****mm** | **Actual 3-month,****June-August 2025** | **Ontario Low Water Response Conditions Level** |
| **mm** | **%** |
| Indian Point PP | 250.8 |  |  | **Normal** |
| Trent Lakes Municipal Office | 250.8 |  |  | **Normal** |
| Emily PP | 240.5 |  |  | **Normal** |
| Ken Reid CA | 240.5 |  |  | **Normal** |
| Mariposa Br. GS | 214.2 |  |  | **Normal** |
| Blackstock Cr. GS | 288.5 |  |  | **Normal** |
| Port Perry | 266.9 |  |  | **Normal**  |
| **Average for Watershed** | **252.4** |  |  | **Normal** |

**Flow - August**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Station** | **Minimum monthly summer flow, m3/sec** | **August 2025 -****mean,****m3/sec** | **August,****% of minimum summer flow** | **Ontario Low Water Response Conditions Level** |
| Burnt River near Burnt River | 8.10 |  |  | **Normal** |
| Mariposa Brook at Little Britain | 0.194 |  |  | **Normal** |
| Blackstock Creek near Blackstock | 0.041 |  |  | **Normal** |
| Pigeon River near Lotus | 0.260 |  |  | **Normal** |

**September**

**Precipitation – 1 Month**

|  |  |  |  |
| --- | --- | --- | --- |
| **Station** | **Average September, mm** | **Actual September 2025** | **Ontario Low Water Response Conditions Level** |
| **mm** | **%** |
| Indian Point PP | 89.8 |  |  | **Normal** |
| Trent Lakes Municipal Center | 100.2 |  |  | **LEVEL 2** |
| Emily PP | 88.2 |  |  | **LEVEL 2** |
| Ken Reid CA | 77.4 |  |  | **Normal** |
| Mariposa Br. GS | 88.6 |  |  | **LEVEL 1** |
| Blackstock Cr. GS | 91.2 |  |  | **Normal** |
| Port Perry | 87.3 |  |  | **LEVEL 2** |
| Pigeon Rv. GS | 91.2 |  |  | **Normal** |
| **Average for Watershed** | **89.0** |  |  | **Normal** |

**Precipitation – 3 Months**

|  |  |  |  |
| --- | --- | --- | --- |
| **Station** | **Average 3-month,** **July-September, mm** | **Actual 3-month****July-September 2025** | **Ontario Low Water Response Conditions Level** |
| **mm** | **%** |
| Indian Point PP | 260.4 |  |  | **Normal** |
| Municipality of Trent Lakes Office | 260.4 |  |  | **Normal** |
| Emily PP | NA |  |  | **Normal** |
| Ken Reid CA | 202.8 |  |  | **Normal** |
| Mariposa Br. GS | 250.5 |  |  | **Normal** |
| Blackstock Cr. GS | 283.0 |  |  | **Normal** |
| Port Perry | 247.6 |  |  | **Normal** |
| Pigeon Rv. GS | 283.0 |  |  | **Normal** |
| **Average for Watershed** | 254.4 |  |  | **Normal** |

**Flow**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Station** | **Minimum monthly summer flow, m3/sec** | **September 2025 -****mean,****m3/sec** | **September 2025,****% of minimum monthly summer flow** | **Ontario Low Water Response Conditions Level** |
| Burnt River near Burnt River | 8.10 |  |  | **Normal** |
| Mariposa Brook at Little Britain | 0.194 |  |  | **Normal** |
| Blackstock Creek near Blackstock | 0.041 |  |  | **Normal** |
| Pigeon River near Lotus | 0.254 |  |  | **Normal** |

**October**

**Precipitation – 1 Month**

|  |  |  |  |
| --- | --- | --- | --- |
| **Station** | **Average October, mm** | **Actual October 2025** | **Ontario Low Water Response Conditions Level** |
| **mm** | **%** |
| Indian Point PP | 97.2 |  |  | **Normal** |
| Trent Lakes Office | 72.5 |  |  | **Level 3** |
| Emily PP | 73.3 |  |  | **Level 3** |
| Ken Reid CA | 72.5 |  |  |  **Level 3** |
| Mariposa GS | 73.3 |  |  | **Level 3** |
| Blackstock | 77.9 |  |  | **Level 2** |
| Port Perry | 74.9 |  |  | **Level 3** |
| Pigeon Rv. GS | 77.9 |  |  | **Level 2** |
| **Average for Watershed** | **74.7** |  |  | **Level 1** |

**Precipitation – 3 Months**

|  |  |  |  |
| --- | --- | --- | --- |
| **Station** | **Average 3-month, August-October, mm** | **Precipitation August – October** | **Ontario Low Water Response Conditions Level** |
| **mm** | **%** |
| Ken Reid CA | 245.3 |  |  | **Normal** |
| Mariposa GS | 249.9 |  |  | **Normal** |
| Pigeon Rv. GS | 249.9 |  |  | **Normal** |
| Blackstock GS | 256.2 |  |  | **Normal** |
| Port Perry | 236.1 |  |  | **LEVEL 1** |
| Emily PP | 245.3 |  |  | **LEVEL 1** |
| Trent Lake Municipal Office | 245.3 |  |  | **LEVEL 1** |
| **Average for Watershed** | **245.5** |  |  | **Normal** |

**Flow**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Station** | **Minimum monthly summer flow, m3/sec** | **October 2025 -****mean,****m3/sec** | **October 2025,****% of minimum monthly summer flow** | **Ontario Low Water Response Conditions Level** |
| Burnt River near Burnt River | 8.10 |  |  | **Normal** |
| Mariposa Brook at Little Britain | 0.194 |  |  | **Level 1** |
| Nonquon River near Port Perry | 0.032 |  |  | **NA** |
| Blackstock Creek near Blackstock | 0.041 |  |  | **Normal** |
| Pigeon River near Lotus | 0.254 |  |  | **Level 1** |

**November**

#### **Precipitation – 1 Month**

|  |  |  |  |
| --- | --- | --- | --- |
| Station | **Average November, mm** | **Actual November 2025** | **Ontario Low Water Response Conditions Level** |
| **mm** | **%** |
| Indian Point PP | 109.3 |  |  | **n/a** |
| Ken Reid CA | 67.8 |  |  | **L1** |
| Port Perry | 83.2 |  |  | **L1** |
| **Average for Watershed** | **86.7** |  |  | **L1** |

**Precipitation – 3 Months**

|  |  |  |  |
| --- | --- | --- | --- |
| Station | **Average 3-month, September-November, mm** | **Actual 3-month** **September-November 2025** | **Ontario Low Water Response Conditions Level** |
| **mm** | **%** |
| Indian Point PP | 306.7 |  |  | **n/a** |
| Ken Reid CA | 226.5 |  |  | **L1** |
| Port Perry | 245.4 |  |  | **L2** |
| **Average for Watershed** | **256.0** |  |  | **L1** |

**Flow**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Station** | **Minimum monthly summer flow, m3/sec** | **November 2025 –****mean, m3/sec** | **November 2025,****% of minimum summer flow** | **Ontario Low Water Response Conditions Level** |
| Burnt River near Burnt River | 8.10 |  |  | **Normal** |
| Mariposa Brook at Little Britain | 0.194 |  |  | **Normal** |
| Blackstock Creek near Blackstock | 0.041 |  |  | **L2** |
| Pigeon River near Lotus | 0.247 |  |  | **Normal** |

**December**

**Precipitation – 1 Month**

|  |  |  |  |
| --- | --- | --- | --- |
| **Station** | **Average December, mm** | **Actual December 2025** | **Ontario Low Water Response Conditions Level** |
| **mm** | **%** |
| Ken Reid CA | 76.0 |  |  | **Normal** |
| Port Perry | 60.0 |  |  | **Normal** |
| **Average for Watershed** | **68** |  |  | **Normal** |

**Precipitation – 3 Months**

|  |  |  |  |
| --- | --- | --- | --- |
| **Station** | **Average 3-month, October-December, mm** | **Actual 3-month** **October-December 2025** | **Ontario Low Water Response Conditions Level** |
| **mm** | **%** |
| Ken Reid CA | 228.3 |  |  | **L2** |
| Port Perry | 218.1 |  |  | **L1** |
| **Average for Watershed** | **223.2** |  |  | **L1** |

**Flow**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Station** | **Minimum monthly summer flow, m3/sec** | **December 2025 –****mean, m3/sec** | **December 2025,****% of minimum summer flow** | **Ontario Low Water Response Conditions Level** |
| Burnt River near Burnt River | 8.10 |  |  | **Normal** |
| Mariposa Brook at Little Britain | 0.194 |  |  | **Normal** |
| Blackstock Creek near Blackstock | 0.041 |  |  | **Normal** |
| Pigeon River near Lotus | 0.247 |  |  | **Normal** |