

**Ontario Low Water Response Program - Calculated Indexes, 2022**  
**January**

**Precipitation – 1 month**

Station	Average January, mm	Actual January 2022		Ontario Low Water Response Conditions Level
		mm	%	
Indian Point PP	89.8	39.6	44.1	L II
Ken Reid CA	60.9	48.3	78.3	L I
Port Perry	64.9	50.6	77.9	L I
<b>Average for Watershed</b>		<b>46.2</b>	<b>66.8</b>	

**Precipitation – 3 months**

Station	Average November - January, mm	Actual November 2021 – January 2022		Ontario Low Water Response Conditions Level
		mm	%	
Indian Point PP	293.8	168.4	57.3	L II
Ken Reid CA	204.2	190.2	93.1	Normal
Port Perry	208.10	171.5	82.41	Normal
<b>Average for Watershed</b>		<b>177.6</b>	<b>77.6</b>	

**Flow**

Station	Minimum monthly summer flow, m <sup>3</sup> /sec	January 2022 mean, m <sup>3</sup> /sec	January 2022, % of minimum summer flow	Ontario Low Water Response Conditions Level
Burnt River near Burnt River	8.10	12.8	158	Normal
Mariposa Brook at Little Britain	0.194	1.36	700	Normal
Blackstock Creek near Blackstock	0.041	0.040	97.5	Normal
Pigeon River at Lotus	0.253	0.298	118	Normal
Nonquon River near Port Perry	0.032	0.437	1370	Normal

**February****Precipitation****Precipitation – 1 month**

Station	Average February, mm	Actual February 2022		Ontario Low Water Response Conditions Level
		mm	%	
Indian Point PP	66.4	81.3	122	Normal
Ken Reid CA	56.9	79.6	135	Normal
Port Perry	45.9	97.5	212	Normal
<b>Average for watershed</b>		86.1	157	

**Precipitation – 3 months**

Station	Average 3-month, December-February, mm	Actual 3-month December 2021 – February 2022		Ontario Low Water Response Conditions Level
		mm	%	
Indian Point PP	250.9	188.24	75	LI
Ken Reid CA	200.7	210.4	105	Normal
Port Perry	170.8	219.39	128	Normal
<b>Average for watershed</b>		206.0	103	

**Flow**

Station	Minimum monthly summer flow, m <sup>3</sup> /sec	February 2022 - mean, m <sup>3</sup> /sec	February 2022, % of minimum summer flow	Ontario Low Water Response Conditions Level
Burnt River near Burnt River	8.10	14.12	175	Normal
Mariposa Brook at Little Britain	0.194	4.25	2200	Normal
Blackstock Creek near Blackstock	0.041	0.52	1250	Normal
Pigeon River at Lotus	0.253	0.317	125	Normal
Nonquon River near Port Perry	0.032	1.24	3900	

## MARCH

### Precipitation

#### Precipitation – 1 month

Station	Average March, mm	Actual March 2022		Ontario Low Water Response Conditions Level
		mm	%	
Indian Point PP	71.1	43.5	61.2	LI
Ken Reid CA	52.7	113.2	211.2	Normal
Port Perry	53.1	69.4	130.7	Normal
<b>Average for watershed</b>		<b>75.4</b>	<b>134.4</b>	

#### Precipitation – 3 months

Station	Average 3-month, January-March, mm	Actual 3-month January – March 2022		Ontario Low Water Response Conditions Level
		mm	%	
Indian Point PP	227.3	164.33	72.3	LI
Ken Reid CA	170.6	241.1	137.3	Normal
Port Perry	163.9	217.49	132.70	Normal
<b>Average for watershed</b>		<b>207.4</b>	<b>114</b>	

### Flow

Station	Minimum monthly summer flow, m <sup>3</sup> /sec	March 2022 - mean, m <sup>3</sup> /sec	March 2022, % of minimum summer flow	Ontario Low Water Response Conditions Level
Burnt River near Burnt River	8.10	32.27	400	Normal
Mariposa Brook at Little Britain	0.194	9.5	4900	Normal
Blackstock Creek near Blackstock	0.041	0.826	2000	Normal
Pigeon River at Lotus	0.253	0.465	185	Normal
Nonquon River near Port Perry	0.032	1.60	5000	Normal

**April  
Precipitation**

**Precipitation – 1 month**

Station	Average April, mm	Actual April 2022		Ontario Low Water Response Conditions Level
		mm	%	
Indian Point PP	78.7	79.2	100.6	Normal
Trent Lakes Municipal Office	78.7	69.8	88.7	Normal
Emily PP	65.2	63.8	97.85	Normal
Ken Reid CA	85.7	64.9	78.1	L I
Mariposa Brook GS	65.0	50.25	77.31	L I
Port Perry	67.9	81.1	119.4	Normal
Blackstock Creek GS	69.5	75.75	108.96	Normal
<b>Average</b>		<b>69.3</b>	<b>95.8</b>	

**Precipitation – 3 months**

Station	Average 3-month, February-April, mm	Actual 3-month February – April 2022		Ontario Low Water Response Conditions Level
		mm	%	
Indian Point PP	216.2	203.95	94.3	Normal
Ken Reid CA	188.6	257.7	136.6	Normal
Port Perry	166.9	247.98	148.58	Normal
<b>Average</b>		<b>236.5</b>	<b>136.5</b>	

**Flow**

<b>Flow Station</b>	<b>Minimum monthly summer flow, m<sup>3</sup>/sec</b>	<b>April 2022 - mean, m<sup>3</sup>/sec</b>	<b>April 2022, % of minimum summer flow</b>	<b>Ontario Low Water Response Conditions Level</b>
Burnt River near Burnt River	8.10	42.9	530	<b>Normal</b>
Mariposa Brook at Little Britain	0.194	2.56	1300	<b>Normal</b>
Nonquon River near Port Perry	0.032	0.696	2200	<b>Normal</b>
Blackstock Creek near Blackstock	0.041	0.337	820	<b>Normal</b>
Pigeon River at Lotus	0.253	0.398	160	<b>Normal</b>

## May

### Precipitation – 1 month

Station	Average May, mm	Actual May 2022		Ontario Low Water Response Conditions Level
		mm	%	
Indian Point PP	97.8			
Trent Lakes Municipal Office	97.8			
Emily PP	83.8			
Ken Reid CA	76.3			
Mariposa Br. GS	83.8			
Sonya Sundance	82.1			
Port Perry	82.1			
Blackstock GS	106.9			
<b>Average</b>				

### Precipitation – 3 months

Station	Average 3-month, March-May, mm	Actual 3-month March-May 2022		Ontario Low Water Response Conditions Level
		mm	%	
Indian Point PP	247.6			
Ken Reid CA	204.4			
Port Perry	203.1			
Sonya Sundance	203.1			
<b>Average</b>				

**Flow**

<b>Station</b>	<b>Minimum monthly summer flow, m<sup>3</sup>/sec</b>	<b>May 2022 - mean, m<sup>3</sup>/sec</b>	<b>May 2022, % of minimum summer flow</b>	<b>Ontario Low Water Response Conditions Level</b>
Burnt River near Burnt River	8.10			
Mariposa Brook at Little Britain	0.194			
Nonquon River near Port Perry	0.032			
Blackstock Creek near Blackstock	0.041			
Pigeon River at Lotus	0.253			

## June

### Precipitation – 1 month

Station	Average June, mm	Actual June 2022		Ontario Low Water Response Conditions Level
		mm	%	
Indian Point PP	90.6			
Trent Lakes Municipal Center	90.6			
Emily PP	82.6			
Ken Reid CA	92.8			
Mariposa Br. GS	79.2			
Sonya Sundance	106.6			
Port Perry	106.6			
Blackstock Cr. GS	96.8			
Pigeon River GS	96.8			
<b>Average</b>				

### Precipitation – 3 months

Station	Average 3-month, April-June, mm	Actual 3-month April-June 2022		Ontario Low Water Response Conditions Level
		mm	%	
Indian Point PP	267.1			
Trent Lakes Municipal Office	267.10			
Ken Reid CA	233.1			
Mariposa Br. GS	220.0			
Sonya Sundance	256.6			
Port Perry	256.6			
Blackstock Cr. GS	273.3			
<b>Average</b>				



**Flow**

<b>Station</b>	<b>Minimum monthly summer flow, m<sup>3</sup>/sec</b>	<b>June 2022 - mean, m<sup>3</sup>/sec</b>	<b>June 2022, % of minimum summer flow</b>	<b>Ontario Low Water Response Conditions Level</b>
Burnt River near Burnt River	8.10			
Mariposa Brook at Little Britain	0.194			
Nonquon River near Port Perry	0.032			
Blackstock Creek near Blackstock	0.041			
Pigeon River at Lotus	0.253			

## July

### Precipitation – 1 month

Station	Average July, mm	Actual July, 2022		Ontario Low Water Response Conditions Level
		mm	%	
Indian Point PP	82.2			
Trent Lakes Municipal Center	82.2			
Ken Reid CA	76.8			
Mariposa Br. GS	72.4			
Sonya Sundance	74.9			
Port Perry	74.9			
Blackstock Cr. GS	105.4			
Pigeon R. GS	105.4			
<b>Average for Watershed</b>				

### Precipitation – 3 months

Station	Average 3-month, May-July, mm	Actual 3-month, May-July 2022		Ontario Low Water Response Conditions Level
		mm	%	
Indian Point PP	270.6			
Trent Lakes Municipal Center	270.6			
Ken Reid CA	237.3			
Mariposa Br. GS	210.0			
Sonya Sundance	275.1			
Port Perry	275.1			
Blackstock Cr. GS	308.4			
Pigeon Rv. GS	308.4			
<b>Average for Watershed</b>				

**Flow**

<b>Station</b>	<b>Minimum monthly summer flow, m<sup>3</sup>/sec</b>	<b>July 2022 - mean, m<sup>3</sup>/sec</b>	<b>July 2022, % of minimum summer flow</b>	<b>Ontario Low Water Response Conditions Level</b>
Burnt River near Burnt River	8.10			
Mariposa Brook at Little Britain	0.1940			
Nonquon River near Port Perry	0.032			
Blackstock Creek near Blackstock	0.041			
Pigeon River near Lotus	0.253			

## August

### Precipitation – 1 month

Station	Average August, mm	Actual August, 2022		Ontario Low Water Response Conditions Level
		mm	%	
Indian Point PP	78.0			
Trent Lakes Municipal Center	78.0			
Emily PP	85.7			
Ken Reid CA	76.8			
Mariposa Br. GS	86.4			
Sonya Sundance	58.4			
Blackstock Cr. GS	87.10			
Port Perry	87.10			
Pigeon Rv. GS	87.10			
<b>Average for Watershed</b>				

### Precipitation – 3 months

Station	Average 3-month, June-August, mm	Actual 3-month, June-August 2022		Ontario Low Water Response Conditions Level
		mm	%	
Indian Point PP	250.8			
Trent Lakes Municipal Office	250.8			
Emily PP	240.5			
Ken Reid CA	240.5			
Mariposa Br. GS	214.2			
Sonya Sundance	266.9			
Blackstock Cr. GS	288.5			
Port Perry	266.9			
<b>Average for Watershed</b>				

**Flow**

<b>Station</b>	<b>Minimum monthly summer flow, m<sup>3</sup>/sec</b>	<b>August 2022 - mean, m<sup>3</sup>/sec</b>	<b>August, % of minimum summer flow</b>	<b>Ontario Low Water Response Conditions Level</b>
Burnt River near Burnt River	8.10			
Mariposa Brook at Little Britain	0.194			
Nonquon River near Port Perry	0.032			
Blackstock Creek near Blackstock	0.041			
Pigeon River near Lotus	0.260			

## September

### Precipitation – 1 Month

Station	Average September, mm	Actual September 2022		Ontario Low Water Response Conditions Level
		mm	%	
Indian Point PP	89.8			
Trent Lakes Municipal Center	100.2			
Emily PP	88.2			
Ken Reid CA	77.4			
Mariposa Br. GS	88.6			
Sonya Sundance	87.3			
Blackstock Cr. GS	91.2			
Port Perry	87.3			
Pigeon Rv. GS	91.2			
<b>Average for Watershed</b>				

### Precipitation – 3 Months

Station	Average 3-month, July-September, mm	Actual 3-month July-September 2022		Ontario Low Water Response Conditions Level
		mm	%	
Indian Point PP	260.4			
Municipality of Trent Lakes Office	260.4			
Ken Reid CA	202.8			
Mariposa Br. GS	250.5			
Sonya Sundance	247.6			
Blackstock Cr. GS	283.0			
Port Perry	247.6			
Pigeon Rv. GS	283.0			
<b>Average for Watershed</b>				

**Flow**

<b>Station</b>	<b>Minimum monthly summer flow, m<sup>3</sup>/sec</b>	<b>September 2022 - mean, m<sup>3</sup>/sec</b>	<b>September 2022, % of minimum monthly summer flow</b>	<b>Ontario Low Water Response Conditions Level</b>
Burnt River near Burnt River	8.10			
Mariposa Brook at Little Britain	0.194			
Nonquon River near Port Perry	0.032			
Blackstock Creek near Blackstock	0.041			
Pigeon River near Lotus	0.254			

**October****Precipitation – 1 Month**

Station	Average October, mm	Actual October 2022		Ontario Low Water Response Conditions Level
		mm	%	
Indian Point PP	97.2			
Trent Lakes Office	72.5			
Emily PP	73.3			
Ken Reid CA	72.5			
Mariposa GS	73.3			
Sonya	74.9			
Blackstock	77.9			
Port Perry	74.9			
Pigeon Rv. GS	77.9			
<b>Average for Watershed</b>				

**Precipitation – 3 Months**

Station	Average 3-month, August-October, mm	Actual 3-month August-October 2022		Ontario Low Water Response Conditions Level
		mm	%	
Ken Reid CA	245.3			
Mariposa GS	249.9			
Sonya	236.1			
Pigeon Rv. GS	249.9			
Blackstock GS	256.2			
Port Perry	236.1			
Emily PP	245.3			
Trent Lake Municipal Office	245.3			
<b>Average for Watershed</b>				



**Flow**

<b>Station</b>	<b>Minimum monthly summer flow, m<sup>3</sup>/sec</b>	<b>October 2022 - mean, m<sup>3</sup>/sec</b>	<b>October 2022, % of minimum monthly summer flow</b>	<b>Ontario Low Water Response Conditions Level</b>
Burnt River near Burnt River	8.10			
Mariposa Brook at Little Britain	0.194			
Nonquon River near Port Perry	0.032			
Blackstock Creek near Blackstock	0.041			
Pigeon River near Lotus	0.254			

## November

### Precipitation – 1 Month

Station	Average November, mm	Actual November 2022		Ontario Low Water Response Conditions Level
		mm	%	
Indian Point PP	109.3			
Ken Reid CA	67.8			
Sonya Sundance	83.2			
Port Perry	83.2			
<b>Average for Watershed</b>				

### Precipitation – 3 Months

Station	Average 3-month, September-November, mm	Actual 3-month September-November 2022		Ontario Low Water Response Conditions Level
		mm	%	
Indian Point PP	306.7			
Ken Reid CA	226.5			
Sonya Sundance	245.4			
Port Perry	245.4			
<b>Average for Watershed</b>				

### Flow

Station	Minimum monthly summer flow, m <sup>3</sup> /sec	November 2022 – mean, m <sup>3</sup> /sec	November 2022, % of minimum summer flow	Ontario Low Water Response Conditions Level
Burnt River near Burnt River	8.10			
Mariposa Brook at Little Britain	0.194			
Nonquon Rv. near Port Perry	0.032			
Blackstock Creek near Blackstock	0.041			
Pigeon River near Lotus	0.247			

**December**

**Precipitation – 1 Month**

Station	Average December, mm	Actual December 2022		Ontario Low Water Response Conditions Level
		mm	%	
Indian Point PP	94.7			
Ken Reid CA	76.0			
Sonya Sundance	60.0			
Port Perry	60.0			
<b>Average for Watershed</b>				

**Precipitation – 3 Months**

Station	Average 3-month, October-December, mm	Actual 3-month October-December 2022		Ontario Low Water Response Conditions Level
		mm	%	
Indian Point PP	301.2			
Ken Reid CA	228.3			
Sonya Sundance	218.1			
Port Perry	218.1			
<b>Average for Watershed</b>				

**Flow**

Station	Minimum monthly summer flow, m <sup>3</sup> /sec	December 2022 – mean, m <sup>3</sup> /sec	December 2022, % of minimum summer flow	Ontario Low Water Response Conditions Level
Burnt River near Burnt River	8.10			
Mariposa Brook at Little Britain	0.194			
Nonquon Rv. near Port Perry	0.032			
Blackstock Creek near Blackstock	0.041			
Pigeon River near Lotus	0.247			