

**Ontario Low Water Response Program - Calculated Indexes, 2021**  
**January**

**Precipitation – 1 month**

Station	Average January, mm	Actual January 2021		Ontario Low Water Response Conditions Level
		mm	%	
Indian Point PP	89.8	23.7	26.4	L III
Ken Reid CA	60.9	26.7	43.3	L II
Sonya Sundance	64.9	33.2	51.0	L II
Port Perry	64.9	43.7	67.3	L I
<b>Average for Watershed</b>		<b>32</b>	<b>47</b>	

**Precipitation – 3 months**

Station	Average November - January, mm	Actual November 2020 – January 2021		Ontario Low Water Response Conditions Level
		mm	%	
Indian Point PP	293.8	160.1	54.5	L II
Ken Reid CA	204.2	162	79.3	L I
Sonya Sundance	208.10	183.5	88.2	Normal
Port Perry	208.10	193	93.0	Normal
<b>Average for Watershed</b>		<b>175</b>	<b>79</b>	

**Flow**

Station	Minimum monthly summer flow, m <sup>3</sup> /sec	January 2021 mean, m <sup>3</sup> /sec	January 2021, % of minimum summer flow	Ontario Low Water Response Conditions Level
Burnt River near Burnt River	8.10	17.3	210	Normal
Mariposa Brook at Little Britain	0.194	1.75	900	Normal
Blackstock Creek near Blackstock	0.041	0.155	380	Normal
Pigeon River at Lotus	0.253	0.255	100	Normal
Nonquon River near Port Perry	0.032	0.209	650	Normal

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

Station	Average February, mm	Actual February 2021		Ontario Low Water Response Conditions Level
		mm	%	
Indian Point PP	66.4	42.1	63.4	L II
Ken Reid CA	56.9	44.1	77.5	L 1
Sonya Sundance	45.9	50.0	109	Normal
Port Perry	45.9	40.2	87.6	Normal
<b>Average for watershed</b>		<b>44.1</b>	<b>83.8</b>	

**Precipitation – 3 months**

Station	Average 3-month, December- February, mm	Actual 3-month December 2020 – February 2021		Ontario Low Water Response Conditions Level
		mm	%	
Indian Point PP	250.9	136.4	54.3	L II
Ken Reid CA	200.7	136.9	68.2	L I
Sonya Sundance	170.8	158.6	92.9	Normal
Port Perry	170.8	162.8	95.3	Normal
<b>Average for watershed</b>		<b>148.7</b>	<b>77.6</b>	

**Flow**

Station	Minimum monthly summer flow, m <sup>3</sup> /sec	February 2021 - mean, m <sup>3</sup> /sec	February 2021, % of minimum summer flow	Water Response Conditions Level
Burnt River near Burnt River	8.10	9.17	110	<b>NORMAL</b>
Mariposa Brook at Little Britain	0.194	1.23	634	<b>NORMAL</b>
Blackstock Creek near Blackstock	0.041	0.077	190	<b>NORMAL</b>
Pigeon River at Lotus	0.253	0.209	83	<b>NORMAL</b>
Nonquon River near Port Perry	0.032	0.340	1000	<b>NORMAL</b>

## MARCH

### Precipitation

#### Precipitation – 1 month

Station	Average March, mm	Actual March 2021		Ontario Low Water Response Conditions Level
		mm	%	
Indian Point pp	71.1	41.0	57.7	L II
Ken Reid CA	52.7	50.7	97.5	Normal
Sonya Sundance	53.1	42.8	81	Normal
Port Perry	53.1	39.9	75.1	L I
<b>Average for watershed</b>		<b>43.6</b>	<b>77.8</b>	

#### Precipitation – 3 months

Station	Average 3-month, January-March, mm	Actual 3-month January – March 2021		Ontario Low Water Response Conditions Level
		mm	%	
Indian Point pp	227.3	106.82	47.0	L III
Ken Reid CA	170.6	121.5	69.2	L II
Sonya Sundance	163.9	126	76.9	L I
Port Perry	163.9	123.8	75.5	L I
<b>Average for watershed</b>		<b>119.5</b>	<b>67.2</b>	

### Flow

Station	Minimum monthly summer flow, m <sup>3</sup> /sec	March 2021 - mean, m <sup>3</sup> /sec	March 2021, % of minimum summer flow	Ontario Low Water Response Conditions Level
Burnt River near Burnt River	8.10	30.8	380	NORMAL
Mariposa Brook at Little Britain	0.194	4.76	2400	NORMAL
Blackstock Creek near Blackstock	0.041	0.534	1300	NORMAL
Pigeon River at Lotus	0.253	0.386	153	NORMAL
Nonquon River near Port Perry	0.032	0.729	2300	NORMAL

**April  
Precipitation**

**Precipitation – 1 month**

Station	Average April, mm	Actual April 2021		Ontario Low Water Response Conditions Level
		mm	%	
Indian Point PP	78.7	62.38	79.3	LI
Ken Reid CA	85.7	62.0	72.0	LI
Sonya Sundance	67.9	66.1	97.3	NORMAL
Port Perry	67.9	62.0	91.9	NORMAL
<b>Average</b>		<b>63.1</b>	<b>85.2</b>	

**Precipitation – 3 months**

Station	Average 3-month, February-April, mm	Actual 3-month February – April 2021		Ontario Low Water Response Conditions Level
		mm	%	
Indian Point PP	216.2	145.5	67.3	LI
Ken Reid CA	188.6	156.8	83.1	NORMAL
Sonya Sundance	166.9	158.9	95.2	NORMAL
Port Perry	166.9	142.1	85.1	NORMAL
<b>Average</b>		<b>150.8</b>	<b>82.7</b>	

**Flow**

FlowStation	Minimum monthly summer flow, m <sup>3</sup> /sec	April 2021 - mean, m <sup>3</sup> /sec	April 2021, % of minimum summer flow	Ontario Low Water Response Conditions Level
Burnt River near Burnt River	8.10	21.34	260	NORMAL
Mariposa Brook at Little Britain	0.194	2.17	1100	NORMAL
Nonquon River near Port Perry	0.032	0.321	1000	NORMAL
Blackstock Creek near Blackstock	0.041	0.290	700	NORMAL
Pigeon River at Lotus	0.253	0.321	130	NORMAL

## May

### Precipitation – 1 month

Station	Average May, mm	Actual May 2021		Ontario Low Water Response Conditions Level
		mm	%	
Indian Point PP	97.8			
Trent Lakes Municipal Center	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 2021		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 2021 - mean, m<sup>3</sup>/sec</b>	<b>May 2021, % 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 2021		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	52.3			
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 2021		Ontario Low Water Response Conditions Level
		mm	%	
Indian Point PP	267.1			
Ken Reid CA	233.1			
Sonya Sundance	256.6			
Port Perry	256.6			
<b>Average</b>				

**Flow**

<b>Station</b>	<b>Minimum monthly summer flow, m<sup>3</sup>/sec</b>	<b>June 2021 - mean, m<sup>3</sup>/sec</b>	<b>June 2021, % 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, 2021		Ontario Low Water Response Conditions Level
		mm	%	
Indian Point PP	82.2			
Trent Lakes Municipal Center	82.2			
Emily PP	75.2			
Ken Reid CA	76.8			
Mariposa Br. GS	72.4			
Sonia Sundance	74.9			
Port Perry	74.9			
Blackstock Cr. GS	105.4			
<b>Average for Watershed</b>				

### Precipitation – 3 months

Station	Average 3-month, May-July, mm	Actual 3-month, May-July 2021		Ontario Low Water Response Conditions Level
		mm	%	
Indian Point PP	270.6			
Emily PP	237.30			
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			
<b>Average for Watershed</b>				

**Flow**

<b>Station</b>	<b>Minimum monthly summer flow, m<sup>3</sup>/sec</b>	<b>July 2021 - mean, m<sup>3</sup>/sec</b>	<b>July 2021, % 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, 2021		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 2021		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 2021 - 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	0.2603			

## September

### Precipitation – 1 Month

Station	Average September, mm	Actual September 2021		Ontario Low Water Response Conditions Level
		mm	%	
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 2021		Ontario Low Water Response Conditions Level
		mm	%	
Municipality of Trent Lakes Office	260.4			
Emily PP	230.9			
Ken Reid CA	202.8			
Mariposa Br. GS	250.5			
Sonya Sundance	247.6			
Blackstock Cr. GS	283.0			
Port Perry	247.6			
<b>Average for Watershed</b>				

**Flow**

<b>Station</b>	<b>Minimum monthly summer <sup>3</sup> flow, m /sec</b>	<b>September 2021 - mean, <sup>3</sup> m /sec</b>	<b>September 2021, % 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 2021		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 2021		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 2021 - mean, m<sup>3</sup>/sec</b>	<b>October 2021, % 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	0.1940			
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 2021		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 2021		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 2021 – mean, m <sup>3</sup> /sec	November 2021, % 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			

## November

### Precipitation – 1 Month

Station	Average November, mm	Actual November 2021		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 2021		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 2021 – mean, m <sup>3</sup> /sec	November 2021, % 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			