

CAPITAL REGIONAL DISTRICT - INTEGRATED WATER SERVICES**Water Watch**

Issued April 08, 2025

Water Supply System Summary:**1. Useable Volume in Storage:**

Reservoir	April 30 5 Year Ave		April 30/24		April 6/25		% Existing Full Storage
	ML	MIG	ML	MIG	ML	MIG	
Sooke	91,755	20,186	91,352	20,097	92,727	20,400	100.0%
Goldstream	9,331	2,053	9,825	2,162	9,906	2,179	99.9%
Total	101,086	22,239	101,177	22,259	102,633	22,579	100.0%

2. Average Daily Demand:

For the month of April	108.6 MLD	23.88 MIGD
For week ending April 06, 2025	109.0 MLD	23.98 MIGD
Max. day April 2025, to date:	110.4 MLD	24.29 MIGD

3. Average 5 Year Daily Demand for April

Average (2020 - 2024)	116.1 MLD ¹	25.55 MIGD ²
	¹ MLD = Million Litres Per Day	² MIGD = Million Imperial Gallons Per Day

4. Rainfall April:

Average (1914 - 2024):	89.5 mm
Actual Rainfall to Date	16.1 mm (18% of monthly average)

5. Rainfall: Sep 1- Apr 6

Average (1914 - 2024):	1,429.9 mm
2024/2025	1,331.7 mm (93% of average)

6. Water Conservation Action Required:

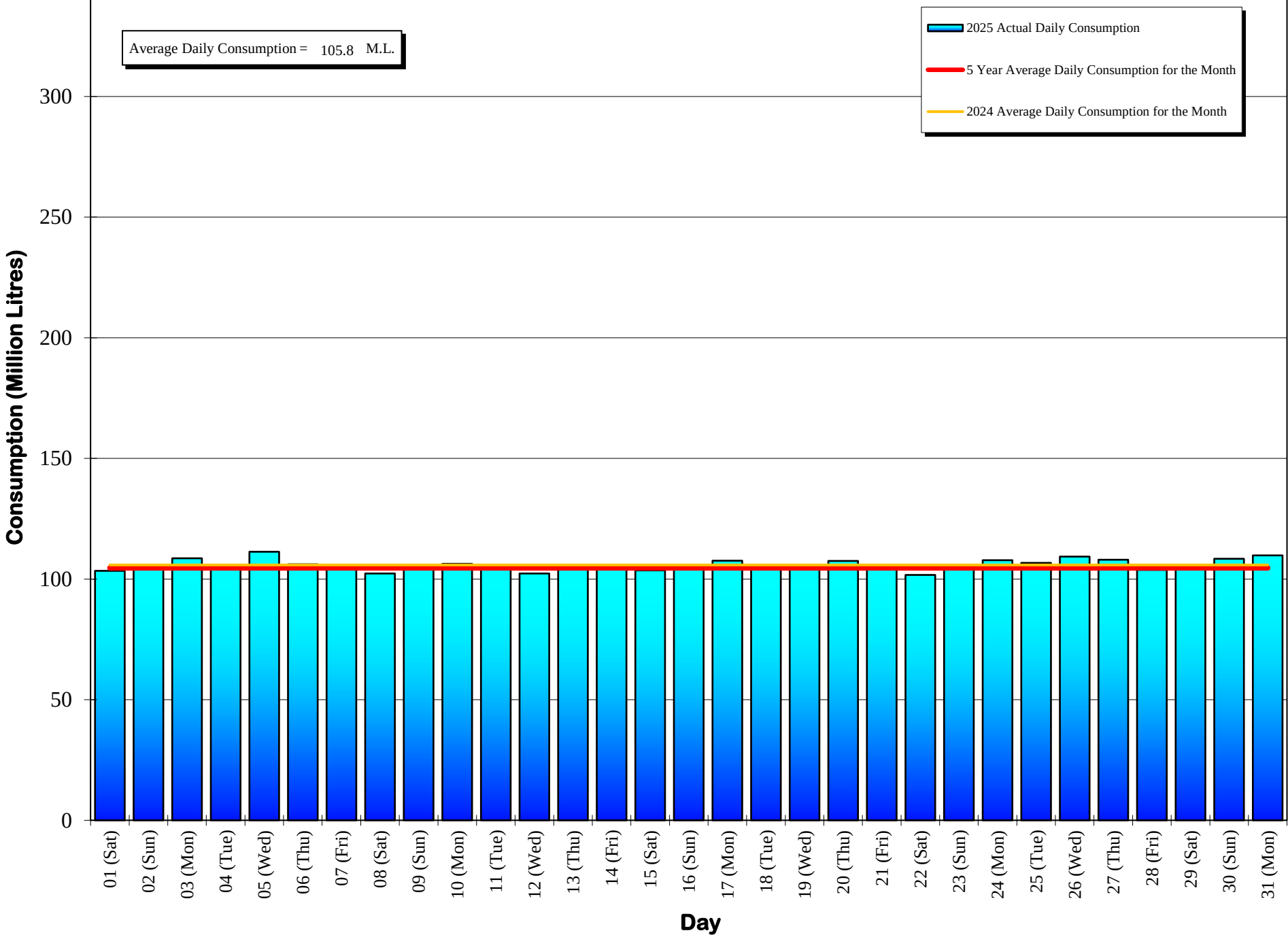
To avoid possible leaks this spring, now is the time to winterize your sprinkler system.
Visit our website at www.crd.bc.ca/water for more information.

If you require further information, please contact:

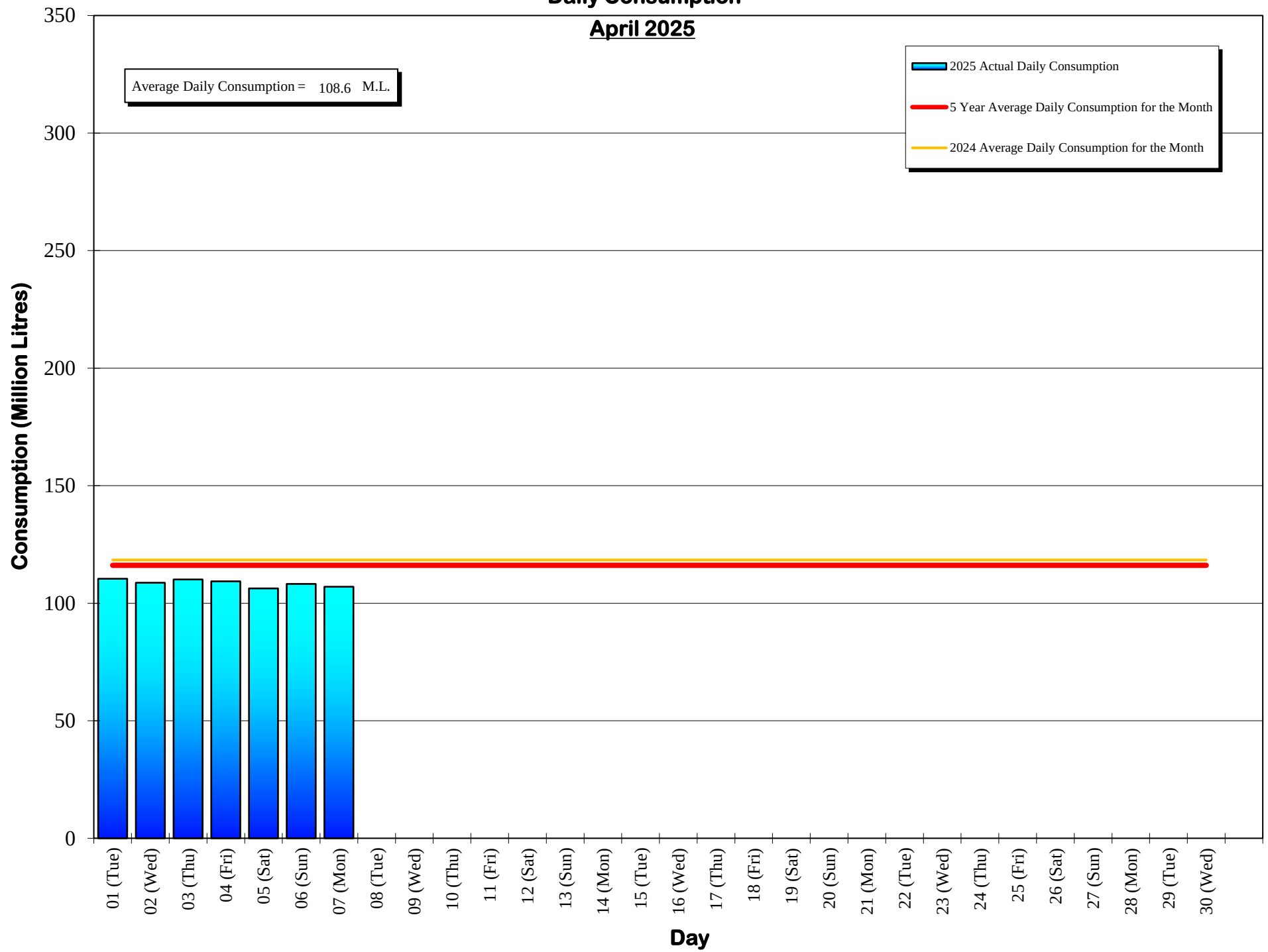
Alicia Fraser, P. Eng.
General Manager, CRD - Integrated Water Services
or
Glenn Harris, Ph D., RPBio
Senior Manager - Environmental Protection

Capital Regional District Integrated Water Services
479 Island Highway
Victoria, BC V9B 1H7
(250) 474-9600

Daily Consumption
March 2025



Daily Consumption
April 2025



Daily Consumptions: - March 2025

Date	Total Consumption		Air Temperature @ Japan Gulch		Weather Conditions	Precipitation @ Sooke Res.: 12:00am to 12:00am		
	(ML) ^{1.}	(MIG) ^{2.}	High (°C)	Low (°C)		Rainfall (mm)	Snowfall ^{2.} (mm)	Total Precip.
01 (Sat)	103.4		22.8	12	4	Cloudy / P. Sunny	0.0	0.0
02 (Sun)	104.3		22.9	12	6	Cloudy / Showers	0.2	0.2
03 (Mon)	108.6		23.9	11	5	Cloudy / P. Sunny	0.0	0.0
04 (Tue)	104.6		23.0	8	4	Cloudy / Showers	7.4	7.4
05 (Wed)	111.3	<=Max	24.5	9	2	Cloudy / P. Sunny / Showers	0.4	0.4
06 (Thu)	106.1		23.4	11	1	Sunny / P. Cloudy	0.0	0.0
07 (Fri)	104.2		22.9	10	1	Cloudy / P. Sunny / Showers	0.2	0.2
08 (Sat)	102.3		22.5	9	5	Cloudy / Rain	27.0	27.0
09 (Sun)	104.8		23.1	8	1	Cloudy / Showers	7.9	7.9
10 (Mon)	106.3		23.4	9	0	Cloudy / P. Sunny	0.0	0.0
11 (Tue)	105.3		23.2	6	2	Cloudy / Showers	8.2	8.2
12 (Wed)	102.3		22.5	8	3	Cloudy / Showers	9.2	9.2
13 (Thu)	105.3		23.2	7	1	Cloudy / P. Sunny / Showers	4.1	4.1
14 (Fri)	105.7		23.2	8	1	Cloudy / Showers	1.7	1.7
15 (Sat)	103.6		22.8	7	2	Cloudy / Rain	17.6	17.6
16 (Sun)	105.5		23.2	8	2	Cloudy / P. Sunny / Showers	8.7	8.7
17 (Mon)	107.6		23.7	9	1	Cloudy / P. Sunny	0.0	0.0
18 (Tue)	104.8		23.1	9	0	Cloudy / P. Sunny	0.0	0.0
19 (Wed)	105.0		23.1	9	3	Cloudy / P. Sunny / Showers	6.5	6.5
20 (Thu)	107.5		23.7	8	3	Cloudy / P. Sunny / Rain	25.7	25.7
21 (Fri)	105.9		23.3	7	3	Cloudy / Rain	15.7	15.7
22 (Sat)	101.7	<=Min	22.4	9	2	Cloudy / P. Sunny / Showers	2.9	2.9
23 (Sun)	104.1		22.9	11	4	Rain	64.6	64.6
24 (Mon)	107.8		23.7	11	8	Rain	26.6	26.6
25 (Tue)	106.7		23.5	15	8	Cloudy / P. Sunny	0.0	0.0
26 (Wed)	109.3		24.0	14	8	Cloudy / P. Sunny / Rain	16.7	16.7
27 (Thu)	108.0		23.8	12	7	Cloudy / P. Sunny / Showers	1.7	1.7
28 (Fri)	103.8		22.8	12	5	Cloudy / P. Sunny / Showers	2.9	2.9
29 (Sat)	104.7		23.0	11	4	Cloudy / P. Sunny / Showers	0.5	0.5
30 (Sun)	108.4		23.9	13	3	Cloudy / P. Sunny / Showers	1.8	1.8
31 (Mon)	109.8		24.2	12	5	Cloudy / P. Sunny / Showers	1.7	1.7
TOTAL	3278.7 ML	721.31 MIG				259.9	0	259.9
MAX	111.3	24.48	15	8		64.6	0	64.6
AVG	105.8	23.27	9.8	3.4		8.4	0	8.4
MIN	101.7	22.36	6	0		0.0	0	0.0

1. ML = Million Litres

2. 10% of snow depth applied to rainfall figures for snow to water equivalent.

Average Rainfall for March (1914-2024)	159.0 mm
Actual Rainfall: March	259.9 mm
% of Average	163%
Average Rainfall (1914-2024): Sept 01 - Apr 06	1,429.9 mm
Actual Rainfall (2023/24): Sept 01 - Apr 06	1,331.7 mm
% of Average	93%

Number days with precip. 0.2 or more
24

Water spilled at Sooke Reservoir to date (since Sept. 1) =

3.21 Billion Imperial Gallons

14.60 Billion Litres

Daily Consumptions: - April 2025

Date	Total Consumption		Air Temperature @ Japan Gulch		Weather Conditions	Precipitation @ Sooke Res.: 12:00am to 12:00am			
	(ML) ^{1.}		(MIG) ^{2.}	High (°C)		Low (°C)	Rainfall (mm)	Snowfall ^{2.} (mm)	Total Precip.
01 (Tue)	110.4	<=Max	24.3	13	5	Cloudy / P. Sunny	0.0	0.0	0.0
02 (Wed)	108.7		23.9	12	4	Cloudy / P. Sunny / Showers	0.2	0.0	0.2
03 (Thu)	110.1		24.2	13	2	Cloudy / P. Sunny	0.0	0.0	0.0
04 (Fri)	109.3		24.0	15	3	Cloudy / P. Sunny	0.0	0.0	0.0
05 (Sat)	106.3	<=Min	23.4	16	4	Cloudy / P. Sunny	0.0	0.0	0.0
06 (Sun)	108.2		23.8	11	6	Cloudy / P. Sunny / Showers	12.2	0.0	12.2
07 (Mon)	107.0		23.5	12	6	Cloudy / Showers	3.7	0.0	3.7
08 (Tue)									
09 (Wed)									
10 (Thu)									
11 (Fri)									
12 (Sat)									
13 (Sun)									
14 (Mon)									
15 (Tue)									
16 (Wed)									
17 (Thu)									
18 (Fri)									
19 (Sat)									
20 (Sun)									
21 (Mon)									
22 (Tue)									
23 (Wed)									
24 (Thu)									
25 (Fri)									
26 (Sat)									
27 (Sun)									
28 (Mon)									
29 (Tue)									
30 (Wed)									
TOTAL	760.0 ML		167.19 MIG				16.1	0	16.1
MAX	110.4		24.29	16	6		12.2	0	12.2
AVG	108.6		23.88	13.1	4.3		2.3	0	2.3
MIN	106.3		23.38	11	2		0.0	0	0.0

1. ML = Million Litres

2. 10% of snow depth applied to rainfall figures for snow to water equivalent.

Average Rainfall for April (1914-2024)	89.5 mm
Actual Rainfall: April	16.1 mm
% of Average	18%
Average Rainfall (1914-2024): Sept 01 - Apr 06	1,429.9 mm
Actual Rainfall (2023/24): Sept 01 - Apr 06	1,331.7 mm
% of Average	93%

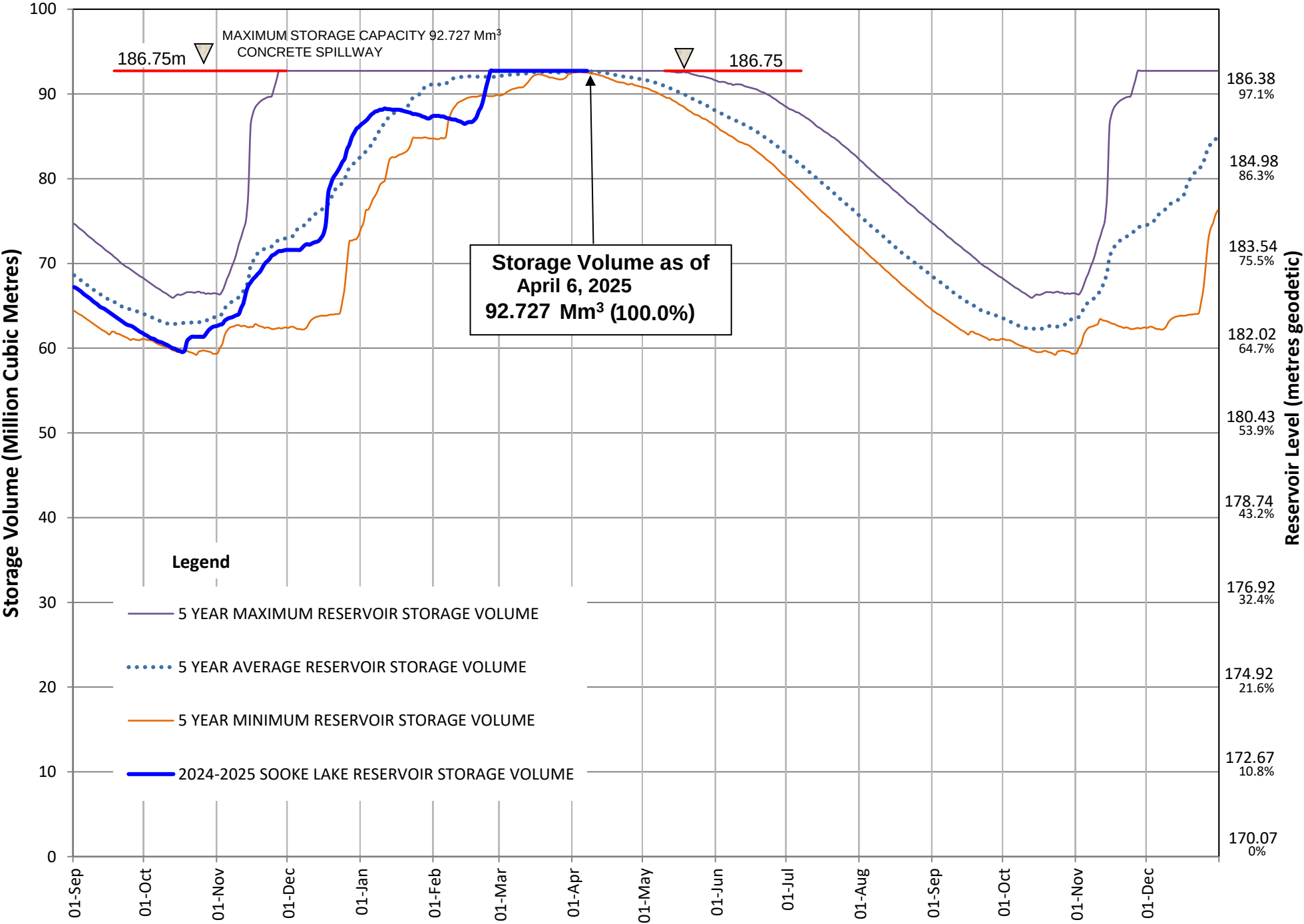
Number days with precip. 0.2 or more
3

Water spilled at Sooke Reservoir to date (since Sept. 1) =

3.21 Billion Imperial Gallons

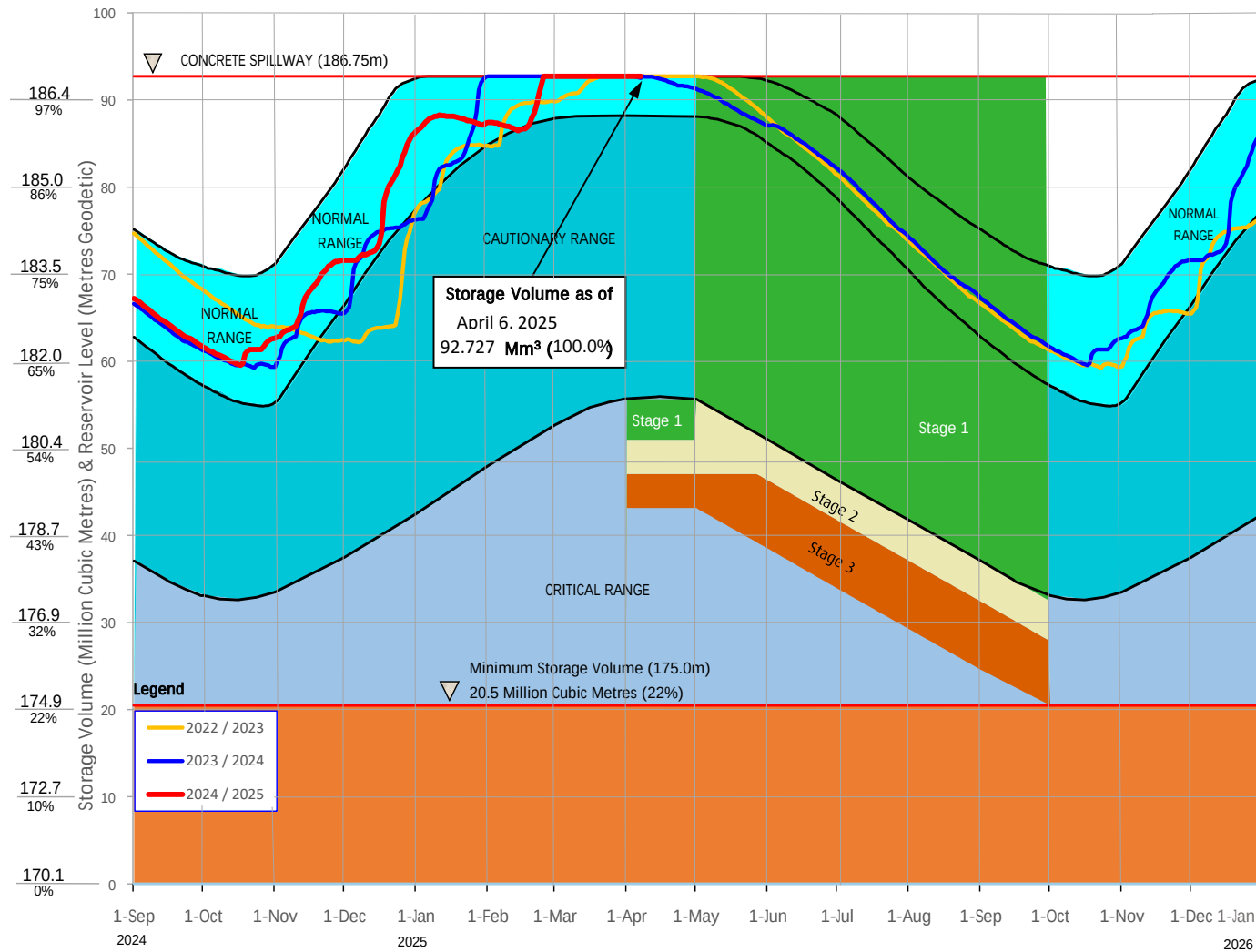
14.60 Billion Litres

SOOKE LAKE RESERVOIR STORAGE SUMMARY
2024 / 2025



Sooke Lake Reservoir Storage Level

Water Supply Management Plan



FAQs

How are water restriction stages determined?

Several factors are considered when determining water use restriction stages, including,

1. Time of year and typical seasonal water demand trends;
2. Precipitation and temperature conditions and forecasts;
3. Storage levels and storage volumes of water reservoirs (Sooke Lake Reservoir and the Goldstream Reservoirs) and draw down rates;
4. Stream flows and inflows into Sooke Lake Reservoir;
5. Water usage, recent consumption and trends; and customer compliance with restriction;
6. Water supply system performance.

The Regional Water Supply Commission will consider the above factors in making a determination to implement stage 2 or 3 restrictions, under the Water Conservation Bylaw.

At any time of the year and regardless of the water use restriction storage, customers are encouraged to limit discretionary water use in order to maximize the amount of water in the Regional Water Supply System Reservoirs available for nondiscretionary potable water use.

Stage 1 is normally initiated every year from May 1 to September 30 to manage outdoor use during the summer months. During this time, lawn watering is permitted twice a week at different times for even and odd numbered addresses.

Stage 2 is initiated when it is determined that there is an acute water supply shortage. During this time, lawn water is permitted once a week at different times for even and odd numbered addresses.

Stage 3 is initiated when it is determined that there is a severe water supply shortage. During this time, lawn watering is not permitted. Other outdoor water use activities are restricted as well.

For more information, visit www.crd.bc.ca/drinkingwater

CRD
Making a difference...together

Useable Reservoir Volumes in Storage for April 06, 2025

