

CAPITAL REGIONAL DISTRICT - INTEGRATED WATER SERVICES

Water Watch

Issued May 05, 2025

Water Supply System Summary:

1. Useable Volume in Storage:

Reservoir	May 31 5 Year Ave		May 31/24		May 4/25		% Existing Full Storage
	ML	MIG	ML	MIG	ML	MIG	
Sooke	88,115	19,385	87,123	19,167	90,692	19,952	97.8%
Goldstream	9,147	2,012	9,627	2,118	9,836	2,164	99.2%
Total	97,262	21,398	96,750	21,285	100,528	22,116	97.9%

2. Average Daily Demand:

For the month of May	152.7 MLD	33.60 MIGD
For week ending May 04, 2025	145.2 MLD	31.94 MIGD
Max. day May 2025, to date:	162.7 MLD	35.80 MIGD

3. Average 5 Year Daily Demand for May

Average (2020 - 2024)	148.2 MLD ¹	32.61 MIGD ²
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¹MLD = Million Litres Per Day

²MIGD = Million Imperial Gallons Per Day

4. Rainfall May:

Average (1914 - 2024):	47.2 mm
Actual Rainfall to Date	1.5 mm (3% of monthly average)

5. Rainfall: Sep 1- May 4

Average (1914 - 2024):	1,505.8 mm
2024/2025	1,360.0 mm (90% of average)

6. Water Conservation Required Action:

Did you know that the 2024 change to the Water Conservation Bylaw recommends that landowners and residents switch timing of residential irrigation systems from 4:00 am to an expanded window anytime between 12:01 am to 10:00 am on established watering days? Please go to [Water Conservation Bylaw Changes | Capital Regional District](#) to get informed and do your part to help protect our regional water supply system.

Website: <https://www.crd.ca/news/water-conservation-bylaw-changes>

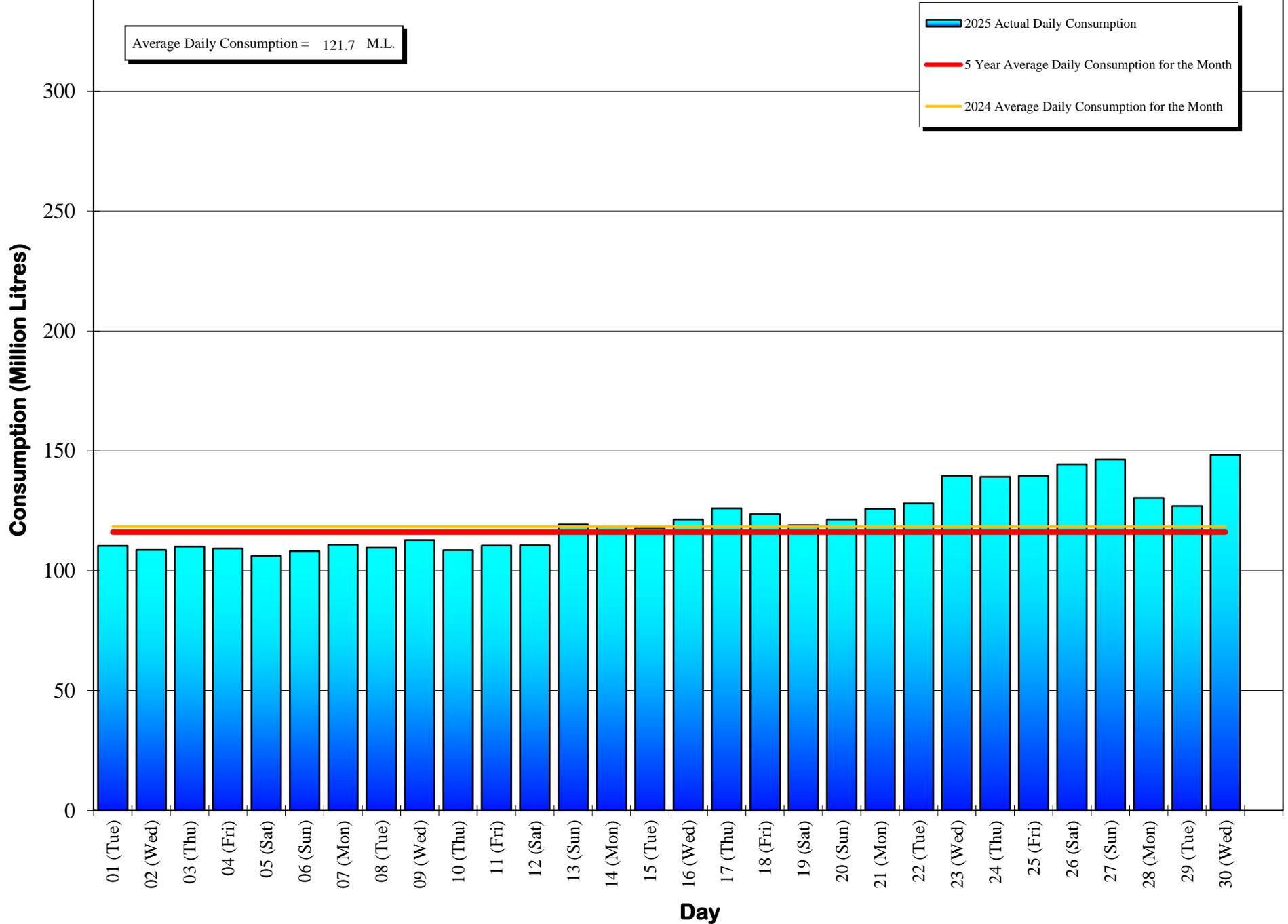
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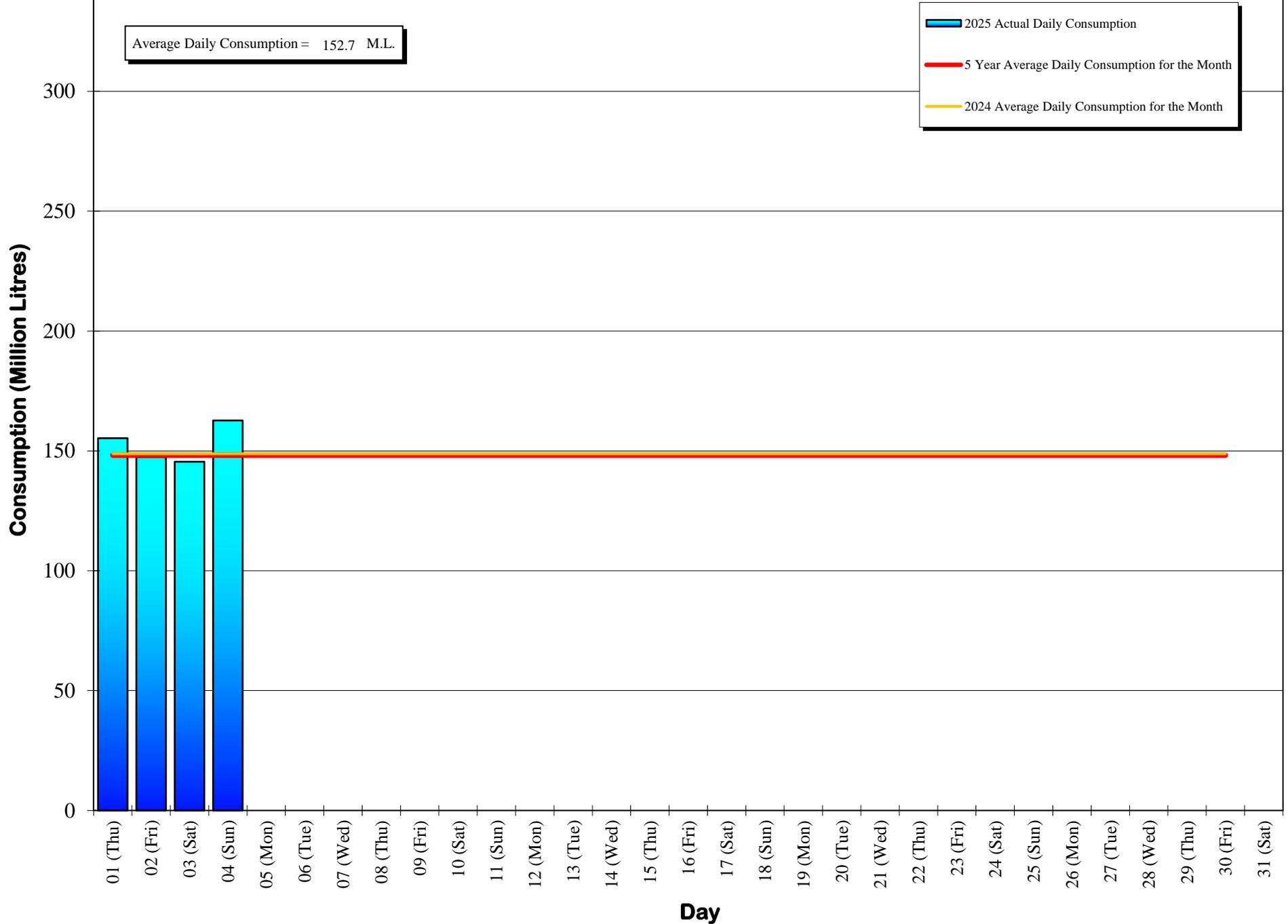
Daily Consumption

April 2025



Daily Consumption

May 2025



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		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)	110.9		24.4	12	6	Cloudy / Showers	3.7	0.0	3.7
08 (Tue)	109.6		24.1	12	6	Cloudy / P. Sunny / Showers	14.3	0.0	14.3
09 (Wed)	112.8		24.8	13	4	Cloudy / P. Sunny	0.2	0.0	0.2
10 (Thu)	108.6		23.9	15	5	Cloudy / P. Sunny / Showers	2.6	0.0	2.6
11 (Fri)	110.5		24.3	13	4	Cloudy / P. Sunny / Showers	1.6	0.0	1.6
12 (Sat)	110.6		24.3	11	2	Sunny / P. Cloudy	0.0	0.0	0.0
13 (Sun)	119.3		26.2	15	2	Sunny / P. Cloudy	0.0	0.0	0.0
14 (Mon)	118.4		26.0	17	5	Cloudy / P. Sunny	0.0	0.0	0.0
15 (Tue)	117.9		25.9	17	5	Sunny / P. Cloudy	0.0	0.0	0.0
16 (Wed)	121.4		26.7	16	4	Sunny / P. Cloudy	0.0	0.0	0.0
17 (Thu)	126.0		27.7	19	4	Sunny / P. Cloudy	0.0	0.0	0.0
18 (Fri)	123.7		27.2	21	5	Cloudy / P. Sunny	0.0	0.0	0.0
19 (Sat)	119.0		26.2	15	9	Cloudy / P. Sunny	0.0	0.0	0.0
20 (Sun)	121.4		26.7	14	6	Cloudy / P. Sunny	0.0	0.0	0.0
21 (Mon)	125.8		27.7	12	4	Sunny / P. Cloudy / Showers	2.5	0.0	2.5
22 (Tue)	128.1		28.2	16	3	Sunny / P. Cloudy	0.0	0.0	0.0
23 (Wed)	139.6		30.7	18	4	Sunny	0.0	0.0	0.0
24 (Thu)	139.2		30.6	20	4	Sunny	0.0	0.0	0.0
25 (Fri)	139.6		30.7	23	7	Sunny / P. Cloudy	0.0	0.0	0.0
26 (Sat)	144.4		31.8	19	7	Sunny / P. Cloudy	0.0	0.0	0.0
27 (Sun)	146.4		32.2	16	6	Sunny / P. Cloudy	0.0	0.0	0.0
28 (Mon)	130.4		28.7	12	7	Cloudy / P. Sunny / Showers	1.7	0.0	1.7
29 (Tue)	127.0		27.9	13	6	Sunny / P. Cloudy	0.2	0.0	0.2
30 (Wed)	148.4	<=Max	32.7	16	4	Sunny / P. Cloudy	0.0	0.0	0.0
TOTAL	3652.0 ML		803.46 MIG				39.2	0	39.2
MAX	148.4		32.65	23	9		14.3	0	14.3
AVG	121.7		26.78	15.2	4.8		1.3	0	1.3
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	39.2 mm
% of Average	44%
Average Rainfall (1914-2024): Sept 01 - May 04	1,505.8 mm
Actual Rainfall (2023/24): Sept 01 - May 04	1,360.0 mm
% of Average	90%

Number days with precip. 0.2 or more
10

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

3.33 Billion Imperial Gallons
15.10 Billion Litres

Daily Consumptions: - May 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 (Thu)	155.3		34.2	20	5	Sunny	0.0	0.0	0.0
02 (Fri)	147.4		32.4	21	8	Sunny / P. Cloudy / Showers	1.5	0.0	1.5
03 (Sat)	145.5	<=Min	32.0	14	4	Sunny / P. Cloudy	0.0	0.0	0.0
04 (Sun)	162.7	<=Max	35.8	16	4	Sunny / P. Cloudy	0.0	0.0	0.0
05 (Mon)									
06 (Tue)									
07 (Wed)									
08 (Thu)									
09 (Fri)									
10 (Sat)									
11 (Sun)									
12 (Mon)									
13 (Tue)									
14 (Wed)									
15 (Thu)									
16 (Fri)									
17 (Sat)									
18 (Sun)									
19 (Mon)									
20 (Tue)									
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22 (Thu)									
23 (Fri)									
24 (Sat)									
25 (Sun)									
26 (Mon)									
27 (Tue)									
28 (Wed)									
29 (Thu)									
30 (Fri)									
31 (Sat)									
TOTAL	610.9 ML		134.42 MIG				1.5	0	1.5
MAX	162.7		35.80	21	8		1.5	0	1.5
AVG	152.7		33.60	17.8	5.3		0.4	0	0.4
MIN	145.5		32.01	14	4		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 May (1914-2024)	47.2 mm
Actual Rainfall: May	1.5 mm
% of Average	3%
Average Rainfall (1914-2024): Sept 01 - May 04	1,505.8 mm
Actual Rainfall (2023/24): Sept 01 - May 04	1,360.0 mm
% of Average	90%

Number days with precip. 0.2 or more
1

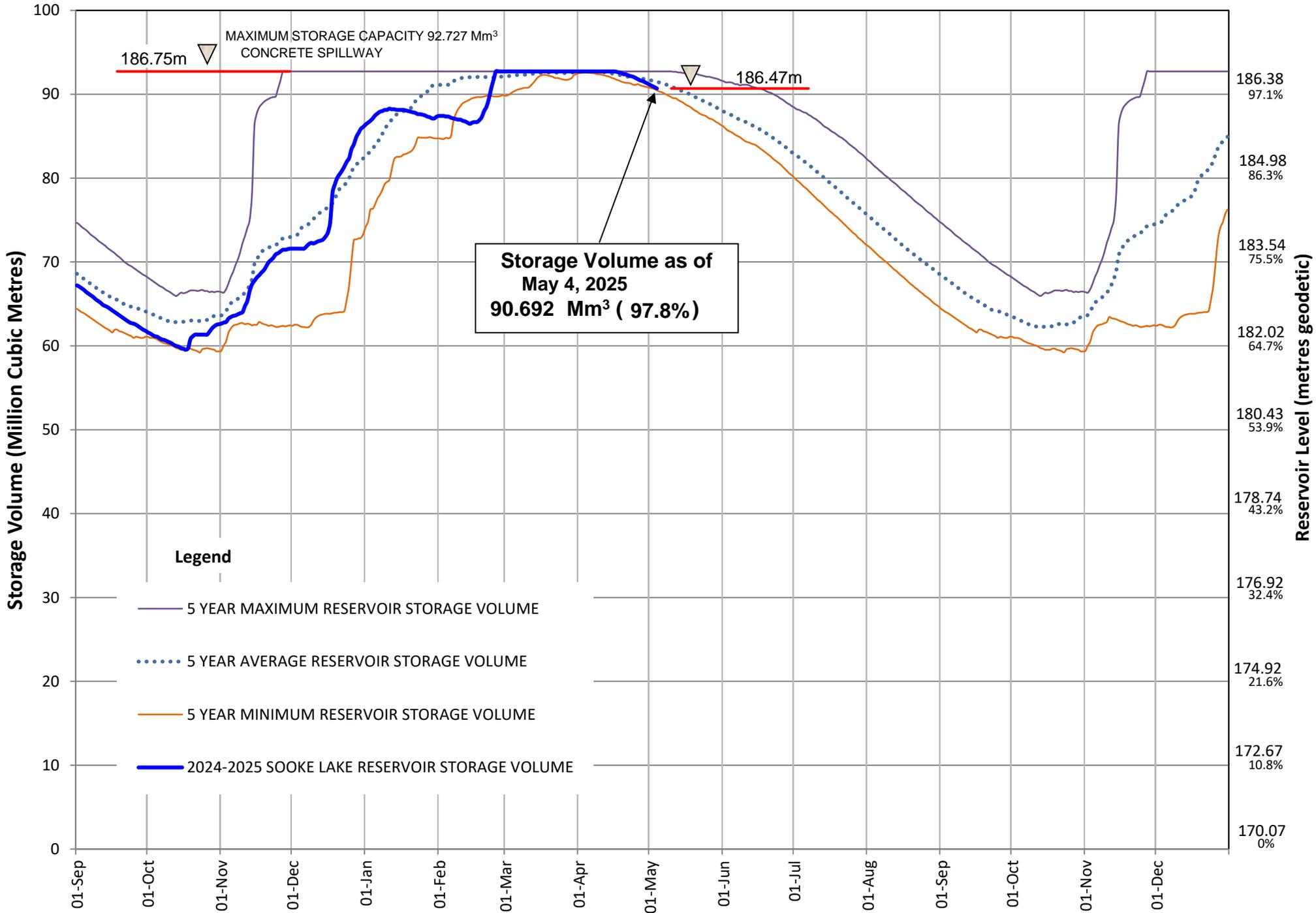
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15.10 Billion Litres

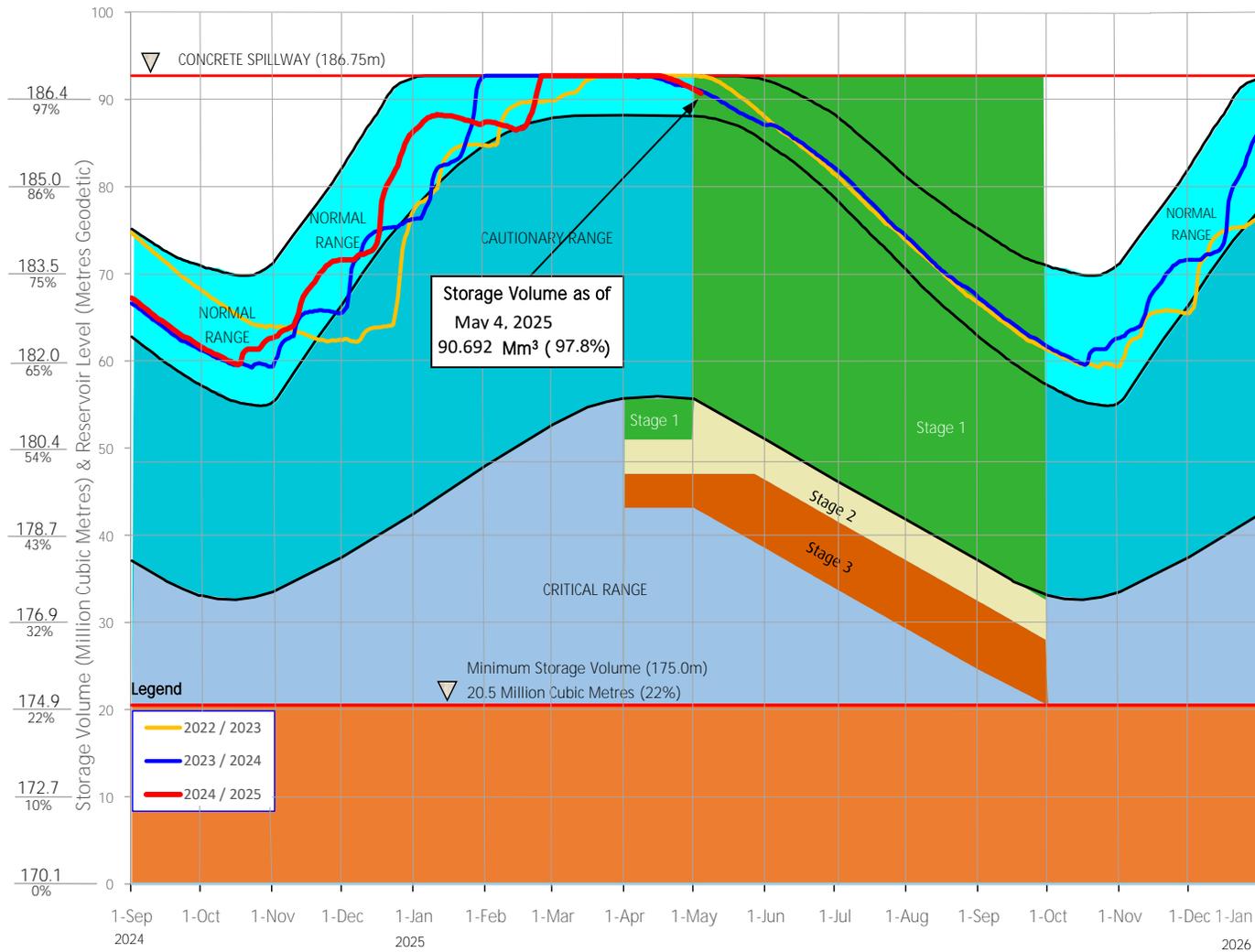
SOOKE LAKE RESERVOIR STORAGE SUMMARY

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 watering 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

Useable Reservoir Volumes in Storage for May 04, 2025

