CAPITAL REGIONAL DISTRICT - INTEGRATED WATER SERVICES

Water Watch

Issued January 06, 2025

Water Supply System Summary:

1. Useable Volume in Storage:

Reservoir	January 31 5 Year Ave		January 31/24		January 5/25		% Existing Full Storage
	ML	MIG	ML	MIG	ML	MIG	
Sooke	91,121	20,047	92,678	20,389	87,485	19,247	94.3%
Goldstream	9,341	2,055	9,825	2,162	9,907	2,180	99.9%
Total	100,462	22,102	102,503	22,551	97,392	21,426	94.9%

2. Average Daily Demand:

For the month of January	102.0 MLD	22.43 MIGD
For week ending January 05, 2025	102.4 MLD	22.53 MIGD
Max. day January 2025, to date:	104.9 MLD	23.08 MIGD

3. Average 5 Year Daily Demand for January

Average (2020 - 2024) 104.3 MLD [1] 22.95 MIGD [2]

[1]MLD = Million Litres Per Day [2]MIGD = Million Imperial Gallons Per Day

4. Rainfall January:

Average (1914 - 2024): 272.8 mm
Actual Rainfall to Date 21.6 mm (8% of monthly average)

5. Rainfall: Sep 1- Jan 5

Average (1914 - 2024): 837.6 mm
2024/2025 873.8 mm (104% 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:

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or
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Capital Regional District Integrated Water Services
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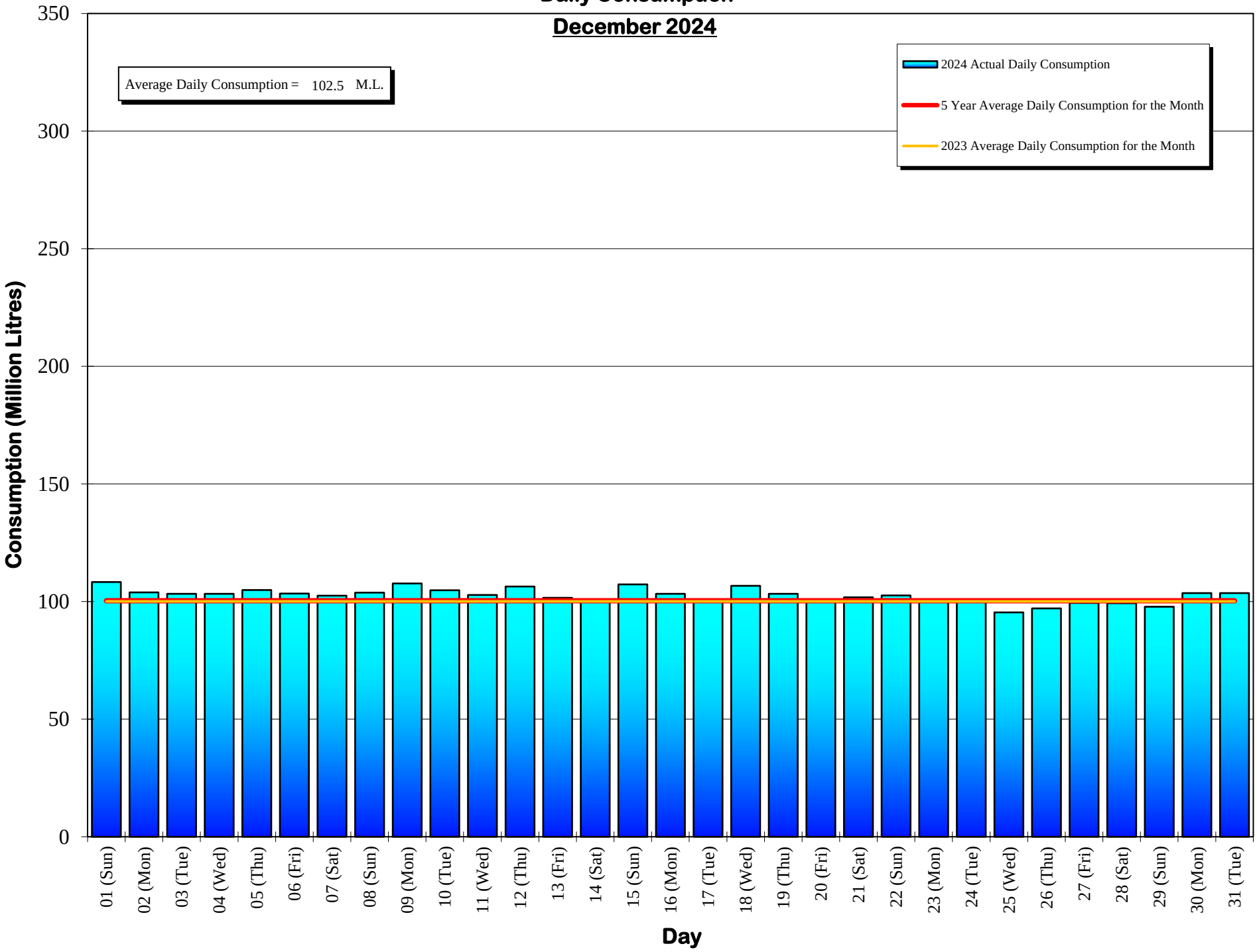
Daily Consumption

December 2024



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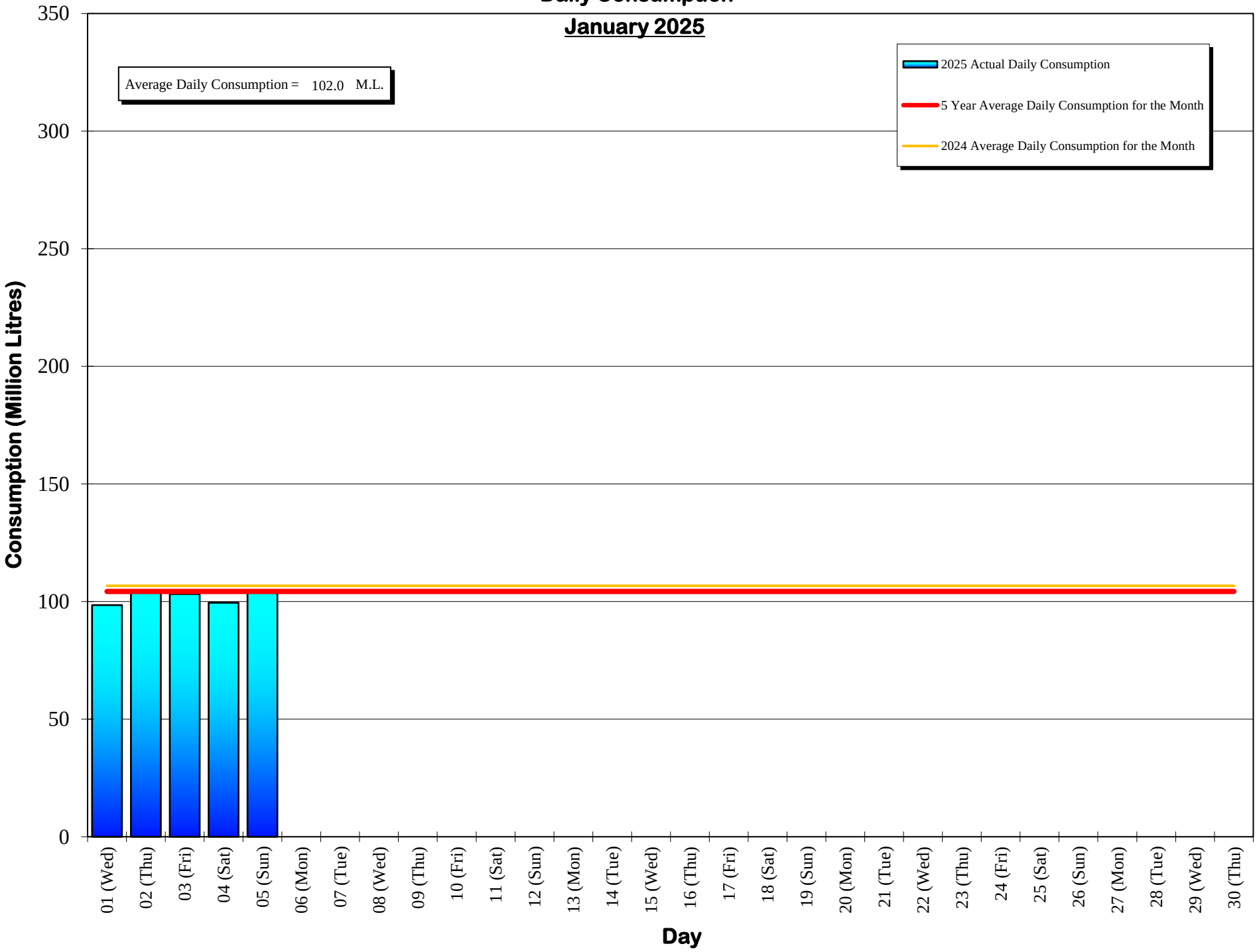
Daily Consumption

January 2025



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Daily Consumptions: - December 2024

Date	Total Consumption (ML) [1]		(MIG) [2]	Air Temperature @ Japan Gulch High (°C)	Low (°C)	Weather Conditions	Precipitation @ Sooke Res.: 12:00am to 12:00am Rainfall (mm)	Snowfall [3] (mm)	Total Precip.
01 (Sun)	108.3	(Note 4)	23.8	5	1	Sunny / P. Cloudy	0.0	0.0	0.0
02 (Mon)	103.9	(Note 4)	22.9	6	1	Cloudy	0.0	0.0	0.0
03 (Tue)	103.3	(Note 4)	22.7	4	0	Cloudy / P. Sunny	0.0	0.0	0.0
04 (Wed)	103.3	(Note 4)	22.7	4	1	Sunny / P. Cloudy	0.0	0.0	0.0
05 (Thu)	104.9	(Note 4)	23.1	6	0	Cloudy / P. Sunny / Showers	0.3	0.0	0.3
06 (Fri)	103.4	(Note 4)	22.7	8	3	Cloudy / P. Sunny / Rain	26.2	0.0	26.2
07 (Sat)	102.5	(Note 4)	22.6	11	6	Cloudy / P. Sunny / Rain	24.4	0.0	24.4
08 (Sun)	103.8	(Note 4)	22.8	7	2	Cloudy / P. Sunny / Showers	6.4	0.0	6.4
09 (Mon)	107.7	(Note 4)	23.7	7	1	Cloudy / P. Sunny	0.0	0.0	0.0
10 (Tue)	104.8	(Note 4)	23.0	5	1	Cloudy / P. Sunny	0.0	0.0	0.0
11 (Wed)	102.8		22.6	5	1	Cloudy / P. Sunny	0.0	0.0	0.0
12 (Thu)	106.4		23.4	7	1	Cloudy / P. Sunny / Showers	0.3	0.0	0.3
13 (Fri)	101.6		22.4	7	5	Cloudy / Showers	5.8	0.0	5.8
14 (Sat)	100.3		22.1	8	4	Cloudy / P. Sunny / Rain	25.4	0.0	25.4
15 (Sun)	107.3		23.6	6	2	Cloudy / P. Sunny / Showers	3.1	0.0	3.1
16 (Mon)	103.3		22.7	6	3	Cloudy / Rain	16.8	0.0	16.8
17 (Tue)	99.8		22.0	7	5	Cloudy / Rain	63.3	0.0	63.3
18 (Wed)	106.7		23.5	10	4	Cloudy / P. Sunny / Rain	18.8	0.0	18.8
19 (Thu)	103.3		22.7	7	5	Cloudy / P. Sunny / Rain	16.2	0.0	16.2
20 (Fri)	100.0		22.0	9	6	Cloudy / P. Sunny / Showers	3.3	0.0	3.3
21 (Sat)	101.8		22.4	9	5	Cloudy / P. Sunny / Showers	2.5	0.0	2.5
22 (Sun)	102.6		22.6	8	6	Cloudy / Rain	19.6	0.0	19.6
23 (Mon)	99.9		22.0	9	6	Cloudy / P. Sunny / Showers	3.0	0.0	3.0
24 (Tue)	100.8		22.2	9	4	Cloudy / P. Sunny / Showers	8.9	0.0	8.9
25 (Wed)	95.4	<=Min	21.0	6	4	Cloudy / Showers	13.4	0.0	13.4
26 (Thu)	97.1		21.4	9	6	Cloudy / Rain	21.8	0.0	21.8
27 (Fri)	99.4		21.9	7	5	Cloudy / P. Sunny / Showers	4.8	0.0	4.8
28 (Sat)	99.3		21.8	9	5	Cloudy / P. Sunny / Rain	23.4	0.0	23.4
29 (Sun)	97.8		21.5	6	4	Cloudy / P. Sunny / Showers	2.8	0.0	2.8
30 (Mon)	103.6		22.8	6	4	Cloudy / Showers	9.7	0.0	9.7
31 (Tue)	103.6		22.8	6	4	Cloudy / Showers	0.3	0.0	0.3
TOTAL	3178.7 ML		699.35 MIG				320.5	0	320.5
MAX	108.3		23.83	11	6		63.3	0	63.3
AVG	102.5		22.56	7.1	3.4		10.3	0	10.3
MIN	95.4		20.99	4	0		0.0	0	0.0

1. ML = Million Litres 2. MIG = Million Imperial Gallons 3. 10% of snow depth applied to rainfall figures for snow to water equivalent.

4. The No. 4 and No. 5 Main Meter's previously reported data based on November 2024 averages as the SCADA system was being upgraded and no data was available during the upgrade and calibration process. The SCADA upgrades are now complete, and data that was previously posted based on past averages has been corrected to the actual consumption values.

Average Rainfall for December (1914-2023)	293.0	mm
Actual Rainfall: December	320.5	mm
% of Average	109%	
Average Rainfall (1914-2023): Sept 01 - Dec 31	787.8	mm
Actual Rainfall (2023/24): Sept 01 - Dec 31	852.2	mm
% of Average	108%	

Number days with precip. 0.2 or more
24

Water spilled at Sooke Reservoir to date (since Sept. 1) = 0.00 Billion Imperial Gallons
= 0.00 Billion Litres

Daily Consumptions: - January 2025

Date	Total Consumption (ML) [1.]		(MIG) [2.]	Air Temperature @ Japan Gulch High (°C)	Low (°C)	Weather Conditions	Precipitation @ Sooke Res.: 12:00am to 12:00am Rainfall (mm)	Snowfall [2.] (mm)	Total Precip.
01 (Wed)	98.5	<=Min	21.7	5	3	Cloudy / P. Sunny	0.0	0.0	0.0
02 (Thu)	103.7		22.8	5	3	Cloudy / Showers	1.5	0.0	1.5
03 (Fri)	103.2		22.7	5	4	Cloudy / P. Sunny / Showers	14.0	0.0	14.0
04 (Sat)	99.5		21.9	7	5	Cloudy / Showers	4.6	0.0	4.6
05 (Sun)	104.9	<=Max	23.1	8	6	Cloudy / Showers	1.5	0.0	1.5
06 (Mon)									
07 (Tue)									
08 (Wed)									
09 (Thu)									
10 (Fri)									
11 (Sat)									
12 (Sun)									
13 (Mon)									
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24 (Fri)									
25 (Sat)									
26 (Sun)									
27 (Mon)									
28 (Tue)									
29 (Wed)									
30 (Thu)									
31 (Fri)									
TOTAL	509.8 ML		112.17 MIG				21.6	0	21.6
MAX	104.9		23.08	8	6		14.0	0	14.0
AVG	102.0		22.43	6.0	4.2		4.3	0	4.3
MIN	98.5		21.68	5	3		0.0	0	0.0

1. ML = Million Litres

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

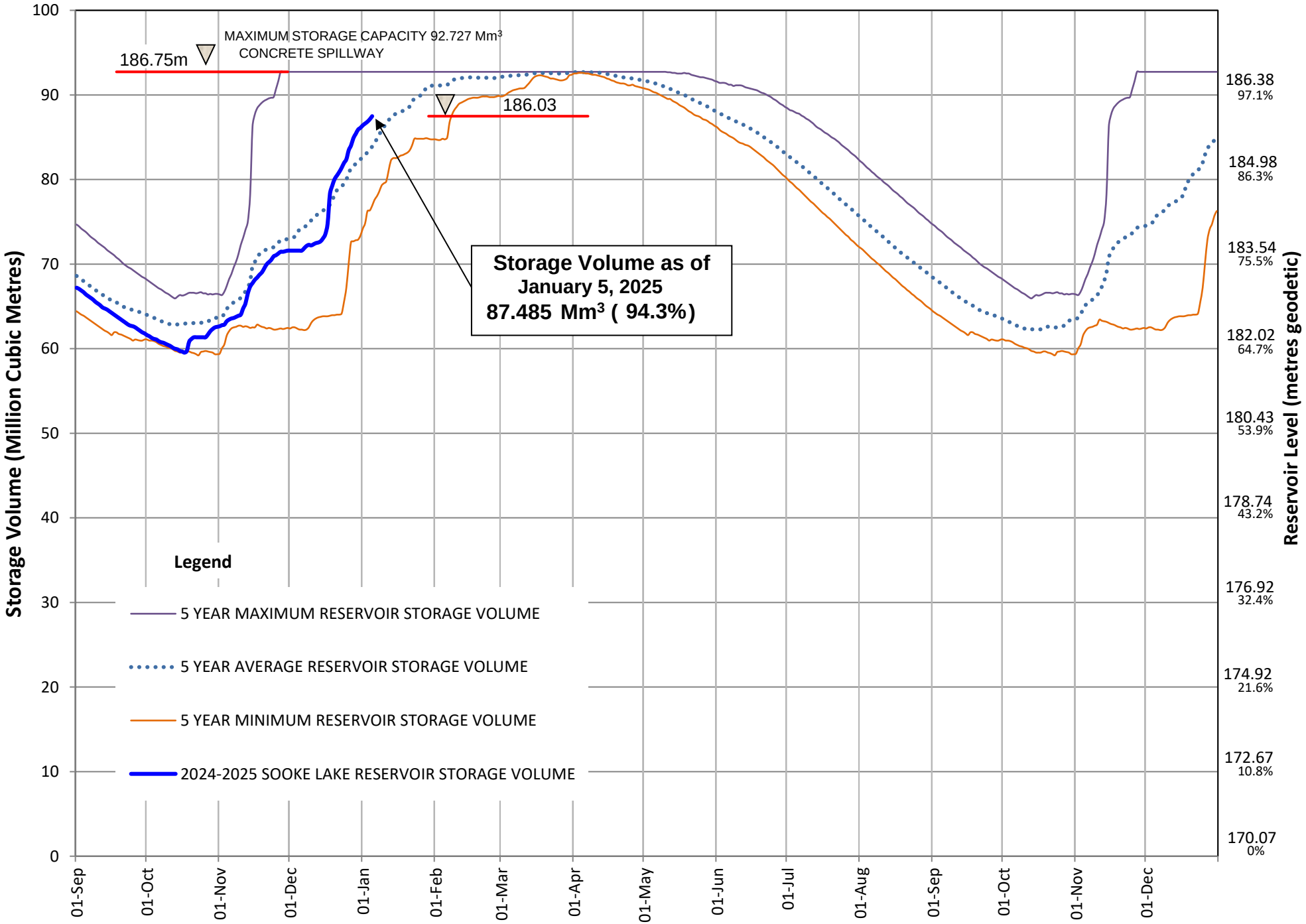
Average Rainfall for January (1914-2024)	272.8	mm
Actual Rainfall: January	21.6	mm
% of Average	8%	
Average Rainfall (1914-2024): Sept 01 - Jan 05	837.6	mm
Actual Rainfall (2023/24): Sept 01 - Jan 05	873.8	mm
% of Average	104%	

Number days with precip. 0.2 or more
4

Water spilled at Sooke Reservoir to date (since Sept. 1) = 0.00 Billion Imperial Gallons

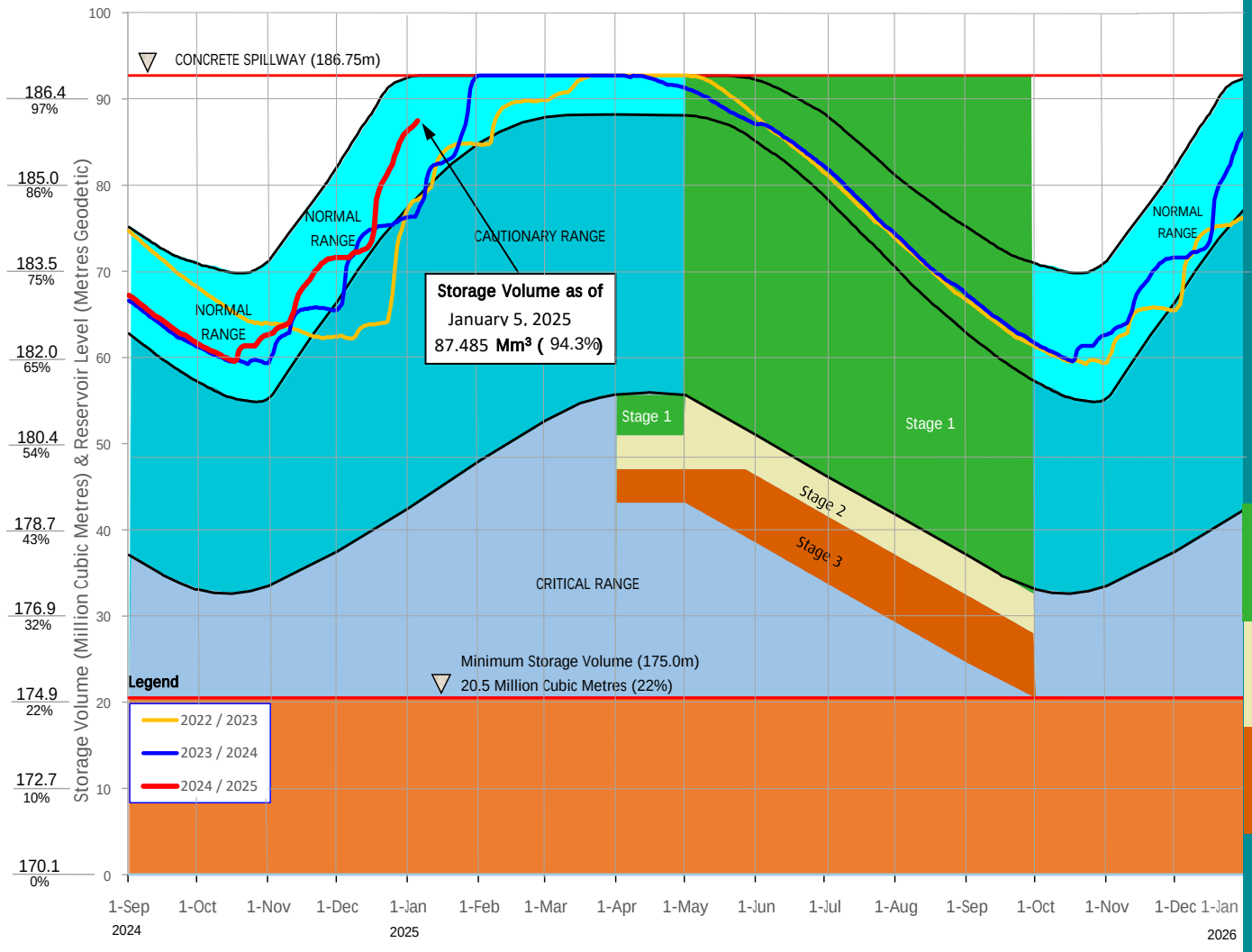
0.00 Billion Litres

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

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Capital Regional District Integrated Water Services

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Useable Reservoir Volumes in Storage for January 05, 2025