

CAPITAL REGIONAL DISTRICT - INTEGRATED WATER SERVICES

Water Watch

Issued November 12, 2024

Water Supply System Summary:

1. Useable Volume in Storage:

Reservoir	November 30 5 Year Ave		November 30/23		November 10/24		% Existing Full Storage
	ML	MIG	ML	MIG	ML	MIG	
Sooke	72,975	16,055	65,479	14,405	64,026	14,086	69.0%
Goldstream	7,732	1,701	7,835	1,724	9,301	2,046	93.8%
Total	80,707	17,755	73,314	16,129	73,327	16,132	71.4%

2. Average Daily Demand:

For the month of November	106.3 MLD	23.38 MIGD
For week ending November 10, 2024	105.6 MLD	23.23 MIGD
Max. day November 2024, to date:	109.7 MLD	24.13 MIGD

3. Average 5 Year Daily Demand for November

Average (2019 - 2023)	102.1 MLD ¹	22.46 MIGD ²
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¹MLD = Million Litres Per Day ²MIGD = Million Imperial Gallons Per Day

4. Rainfall November:

Average (1914 - 2023):	261.8 mm
Actual Rainfall to Date	67.7 mm (26% of monthly average)

5. Rainfall: Sep 1- Nov 10

Average (1914 - 2023):	311.8 mm
2023/2024	382.2 mm (123% 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.

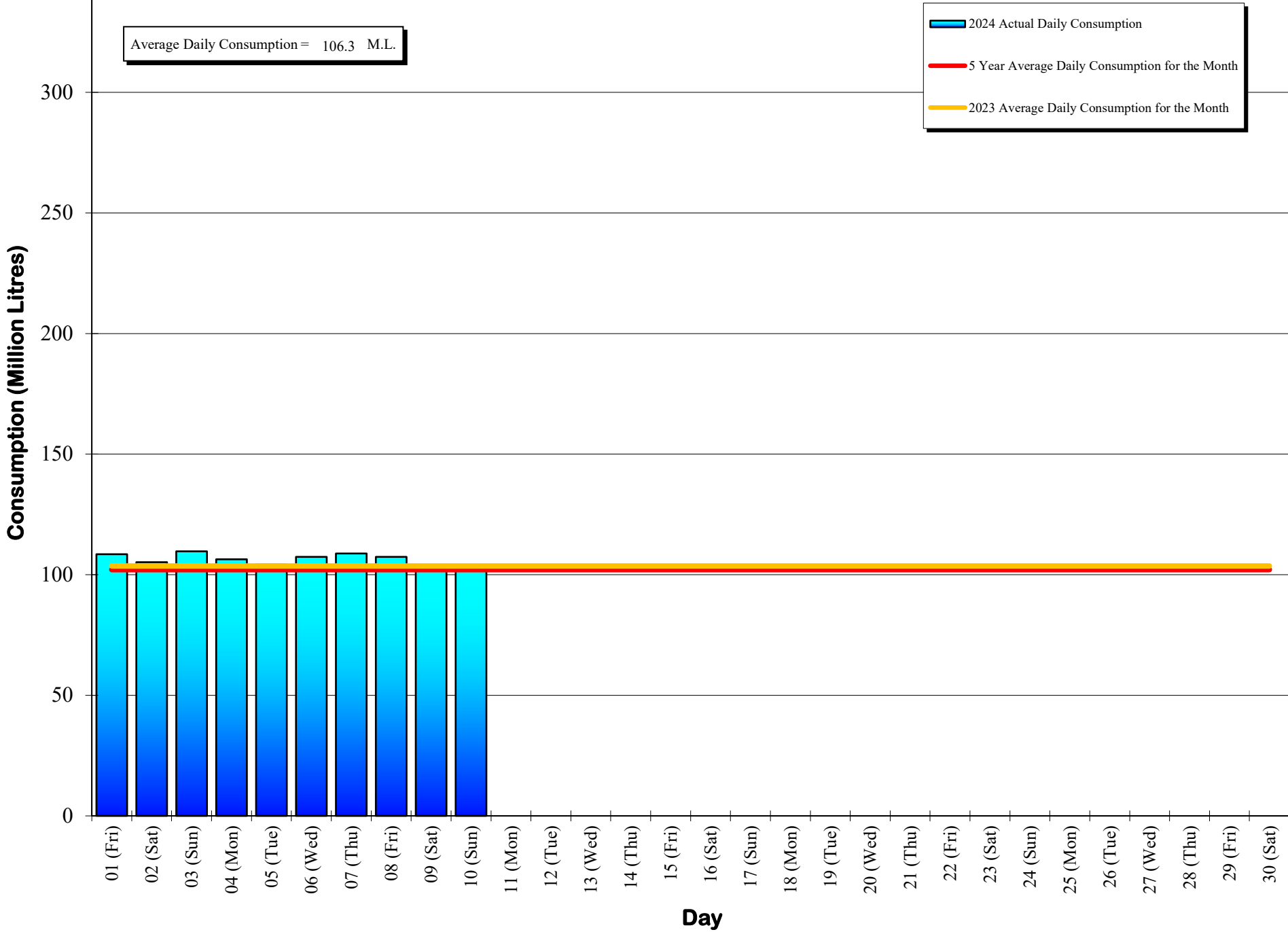
If you require further information, please contact:

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Daily Consumption

November 2024



Daily Consumptions: - November 2024

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 ³ (mm)	Total Precip.	
01 (Fri)	108.5		23.9	9	7	Cloudy / Showers	11.4	0.0	11.4
02 (Sat)	105.2		23.1	9	7	Cloudy / Showers	1.5	0.0	1.5
03 (Sun)	109.7	<=Max	24.1	10	6	Cloudy	0.0	0.0	0.0
04 (Mon)	106.4		23.4	11	5	Cloudy / Rain	23.6	0.0	23.6
05 (Tue)	104.2		22.9	9	5	Cloudy / P. Sunny	0.0	0.0	0.0
06 (Wed)	107.4		23.6	10	5	Cloudy	0.0	0.0	0.0
07 (Thu)	108.8		23.9	12	5	Sunny / P. Cloudy	0.0	0.0	0.0
08 (Fri)	107.4		23.6	10	5	Cloudy / P. Sunny / Showers	3.8	0.0	3.8
09 (Sat)	102.2	<=Min	22.5	9	9	Cloudy / Showers	13.7	0.0	13.7
10 (Sun)	103.0		22.7	10	8	Cloudy / Showers	13.7	0.0	13.7
11 (Mon)									
12 (Tue)									
13 (Wed)									
14 (Thu)									
15 (Fri)									
16 (Sat)									
17 (Sun)									
18 (Mon)									
19 (Tue)									
20 (Wed)									
21 (Thu)									
22 (Fri)									
23 (Sat)									
24 (Sun)									
25 (Mon)									
26 (Tue)									
27 (Wed)									
28 (Thu)									
29 (Fri)									
30 (Sat)									
TOTAL	1062.8 ML	233.81 MIG					67.7	0	67.7
MAX	109.7	24.13	12	9			23.6	0	23.6
AVG	106.3	23.38	9.9	6.2			6.8	0	6.8
MIN	102.2	22.49	9	5			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.

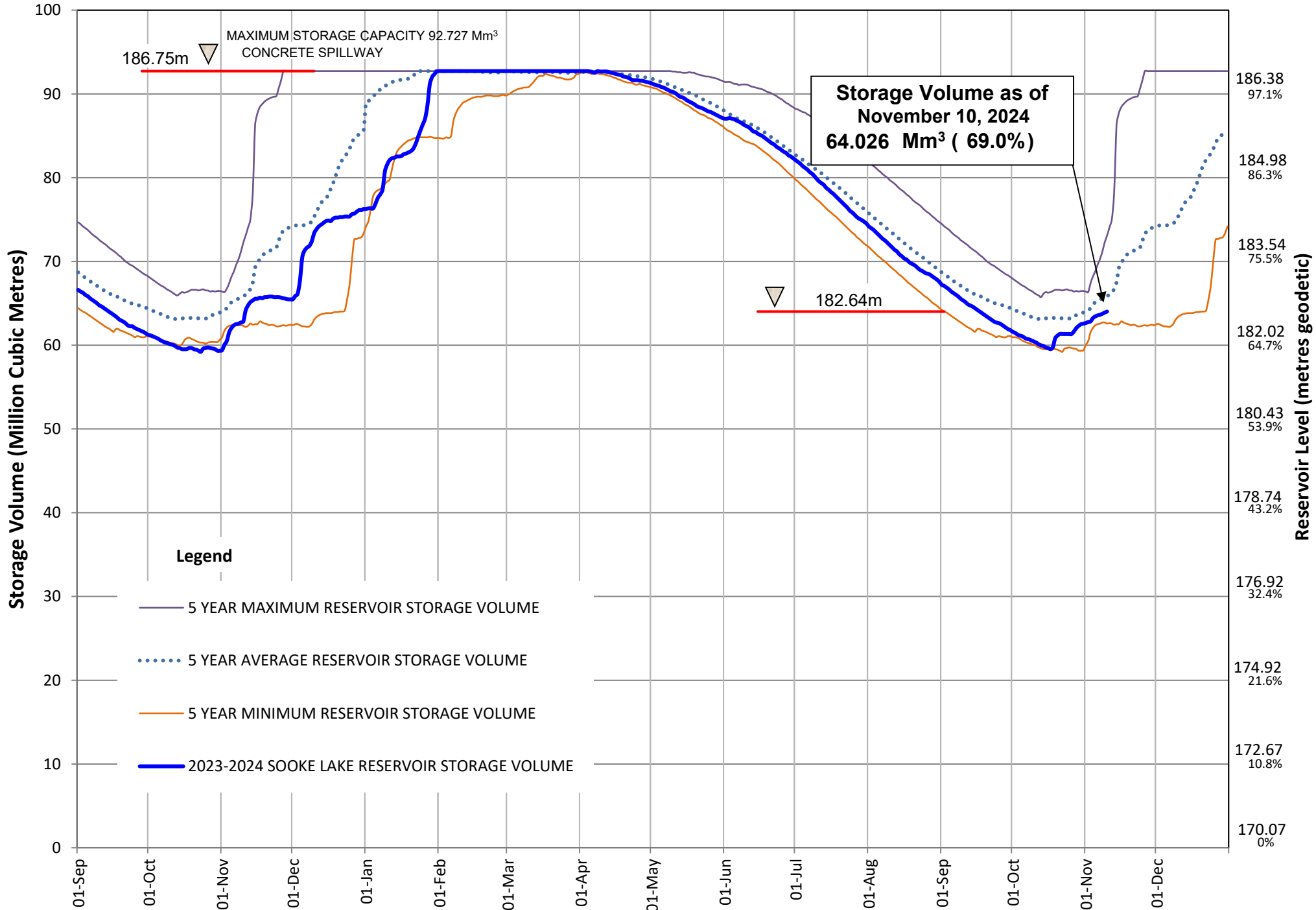
Average Rainfall for November (1914-2023)	261.8 mm
Actual Rainfall: November	67.7 mm
% of Average	26%
Average Rainfall (1914-2023): Sept 01 - Nov 10	311.8 mm
Actual Rainfall (2023/24): Sept 01 - Nov 10	382.2 mm
% of Average	123%

Number days with precip. 0.2 or more
6

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

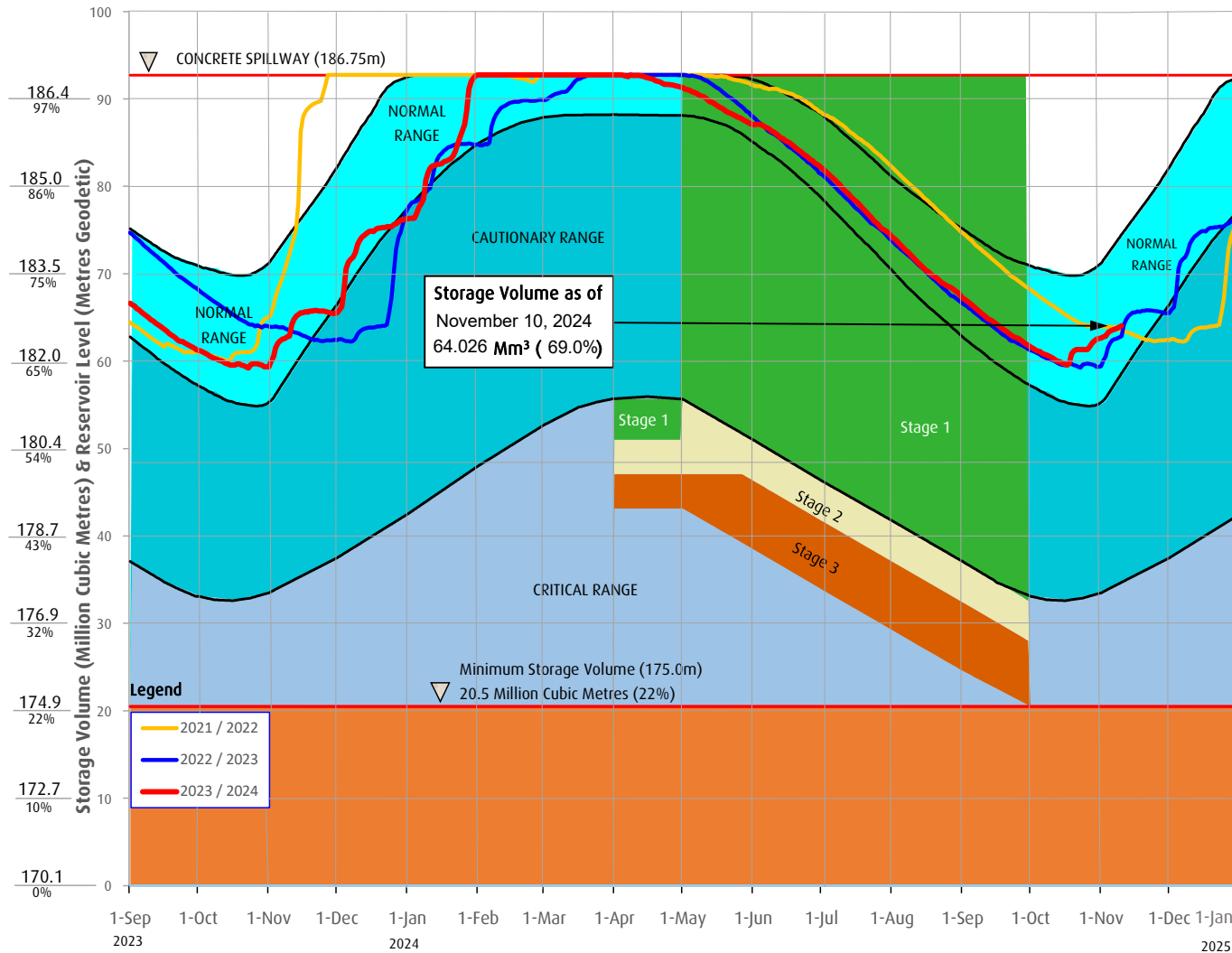
SOOKE LAKE RESERVOIR STORAGE SUMMARY

2023 / 2024



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



Useable Reservoir Volumes in Storage for November 10, 2024

