

CAPITAL REGIONAL DISTRICT - INTEGRATED WATER SERVICES

Water Watch

Issued April 08, 2024

Water Supply System Summary:

1. Useable Volume in Storage:

Reservoir	April 30 5 Year Ave		April 30/23		April 7/24		% Existing Full Storage
	ML	MIG	ML	MIG	ML	MIG	
Sooke	91,888	20,215	92,727	20,400	92,530	20,357	99.8%
Goldstream	8,517	1,874	9,825	2,162	9,905	2,179	99.9%
Total	100,404	22,089	102,552	22,561	102,435	22,536	99.8%

2. Average Daily Demand:

For the month of April	111.6 MLD	24.55 MIGD
For week ending April 07, 2024	111.6 MLD	24.55 MIGD
Max. day April 2024, to date:	114.5 MLD	25.19 MIGD

3. Average 5 Year Daily Demand for April

Average (2019 - 2023)	114.1 MLD ¹	25.11 MIGD ²
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¹MLD = Million Litres Per Day ²MIGD = Million Imperial Gallons Per Day

4. Rainfall April:

Average (1914 - 2023):	89.7 mm
Actual Rainfall to Date	4.1 mm (5% of monthly average)

5. Rainfall: Sep 1- Apr 7

Average (1914 - 2023):	1,436.5 mm
2023/2024	1,186.4 mm (83% of average)

6. Water Conservation Action Required:

If each of us saves a little, together we can save a lot.
Visit our website at www.crd.bc.ca/water for more information.

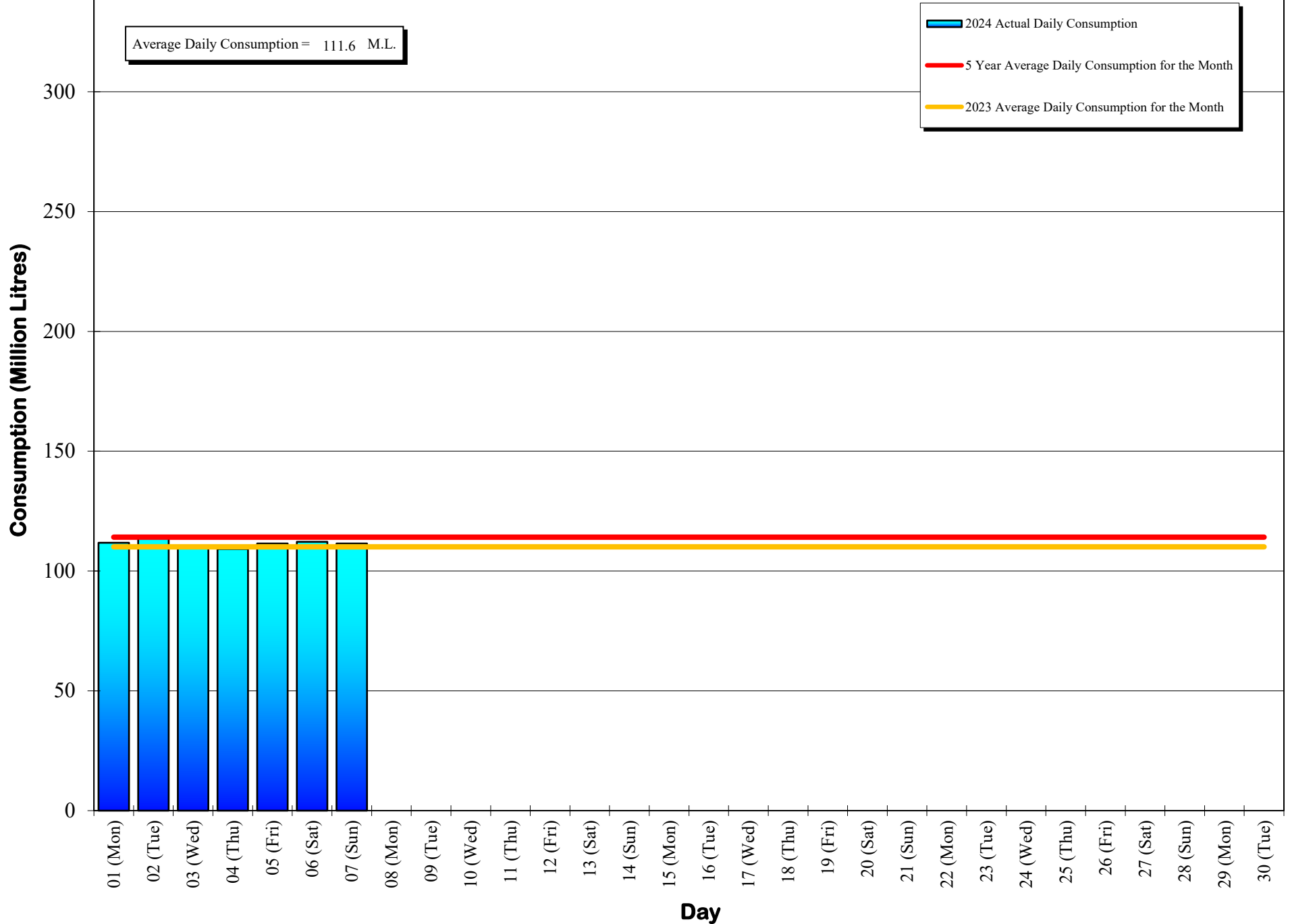
If you require further information, please contact:

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Daily Consumption

April 2024



Daily Consumptions: - April 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 (Mon)	111.8		24.6	17	6	Sunny / P. Cloudy	0.0	0.0	0.0
02 (Tue)	114.5	<=Max	25.2	17	5	Cloudy / Showers	2.3	0.0	2.3
03 (Wed)	110.5		24.3	9	2	Cloudy / Showers	1.3	0.0	1.3
04 (Thu)	109.2	<=Min	24.0	11	1	P. Sunny / P. Cloudy	0.0	0.0	0.0
05 (Fri)	111.5		24.5	13	4	Sunny / P. Cloudy	0.0	0.0	0.0
06 (Sat)	112.2		24.7	10	4	Cloudy	0.0	0.0	0.0
07 (Sun)	111.5		24.5	11	5	Cloudy / Showers	0.5	0.0	0.5
08 (Mon)									
09 (Tue)									
10 (Wed)									
11 (Thu)									
12 (Fri)									
13 (Sat)									
14 (Sun)									
15 (Mon)									
16 (Tue)									
17 (Wed)									
18 (Thu)									
19 (Fri)									
20 (Sat)									
21 (Sun)									
22 (Mon)									
23 (Tue)									
24 (Wed)									
25 (Thu)									
26 (Fri)									
27 (Sat)									
28 (Sun)									
29 (Mon)									
30 (Tue)									
TOTAL	781.2 ML	171.86 MIG					4.1	0	4.1
MAX	114.5	25.19	17	6			2.3	0	2.3
AVG	111.6	24.55	12.6	3.9			0.6	0	0.6
MIN	109.2	24.03	9	1			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.

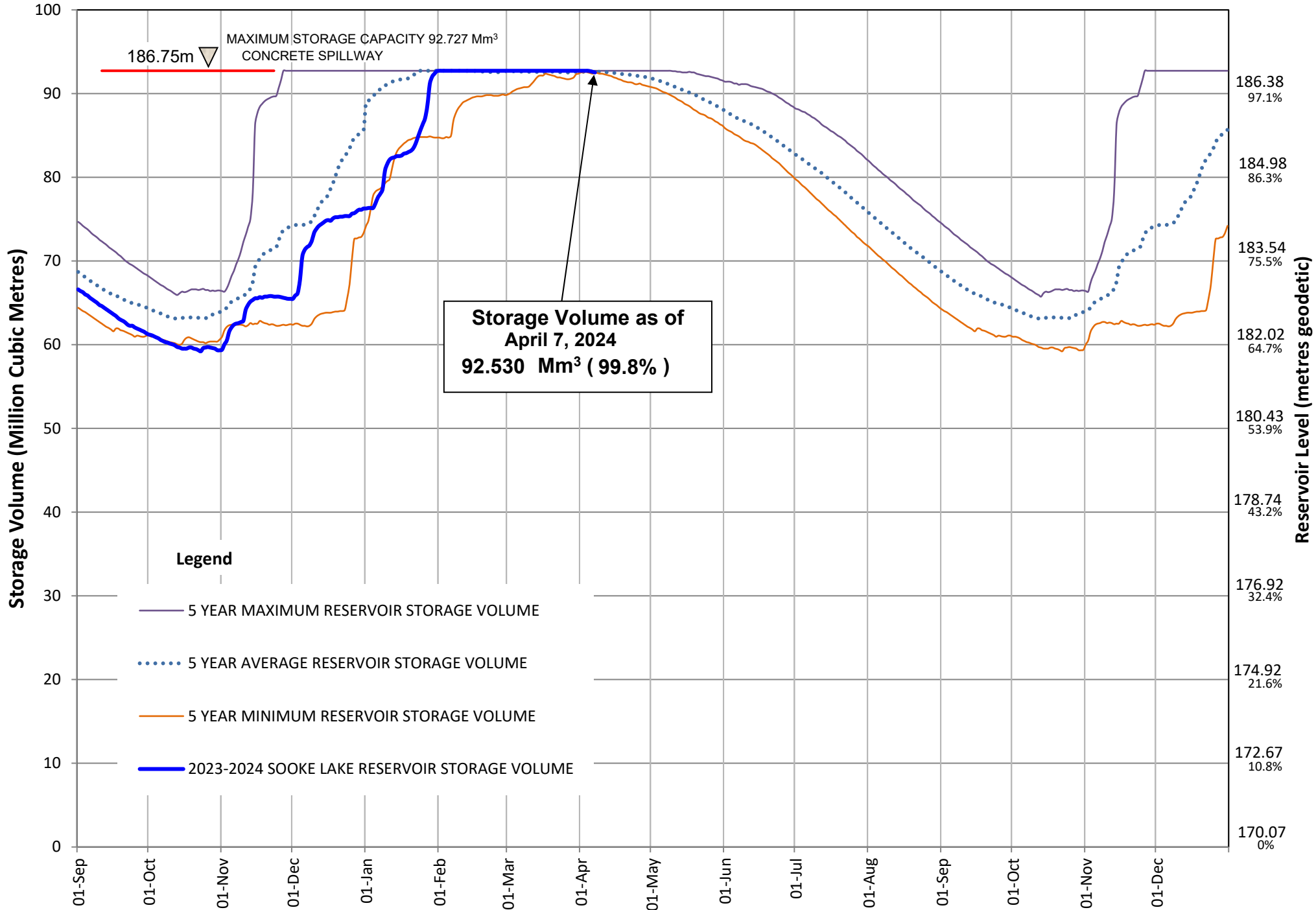
Average Rainfall for April (1914-2023)	89.7 mm
Actual Rainfall: April	4.1 mm
% of Average	5%
Average Rainfall (1914-2023): Sept 01 - Apr 07	1,436.5 mm
Actual Rainfall (2023/24): Sept 01 - Apr 07	1,186.4 mm
% of Average	83%

Number days with precip. 0.2 or more
3

Water spilled at Sooke Reservoir to date (since Sept. 1) = 2.46 Billion Imperial Gallons
 = 11.20 Billion Litres

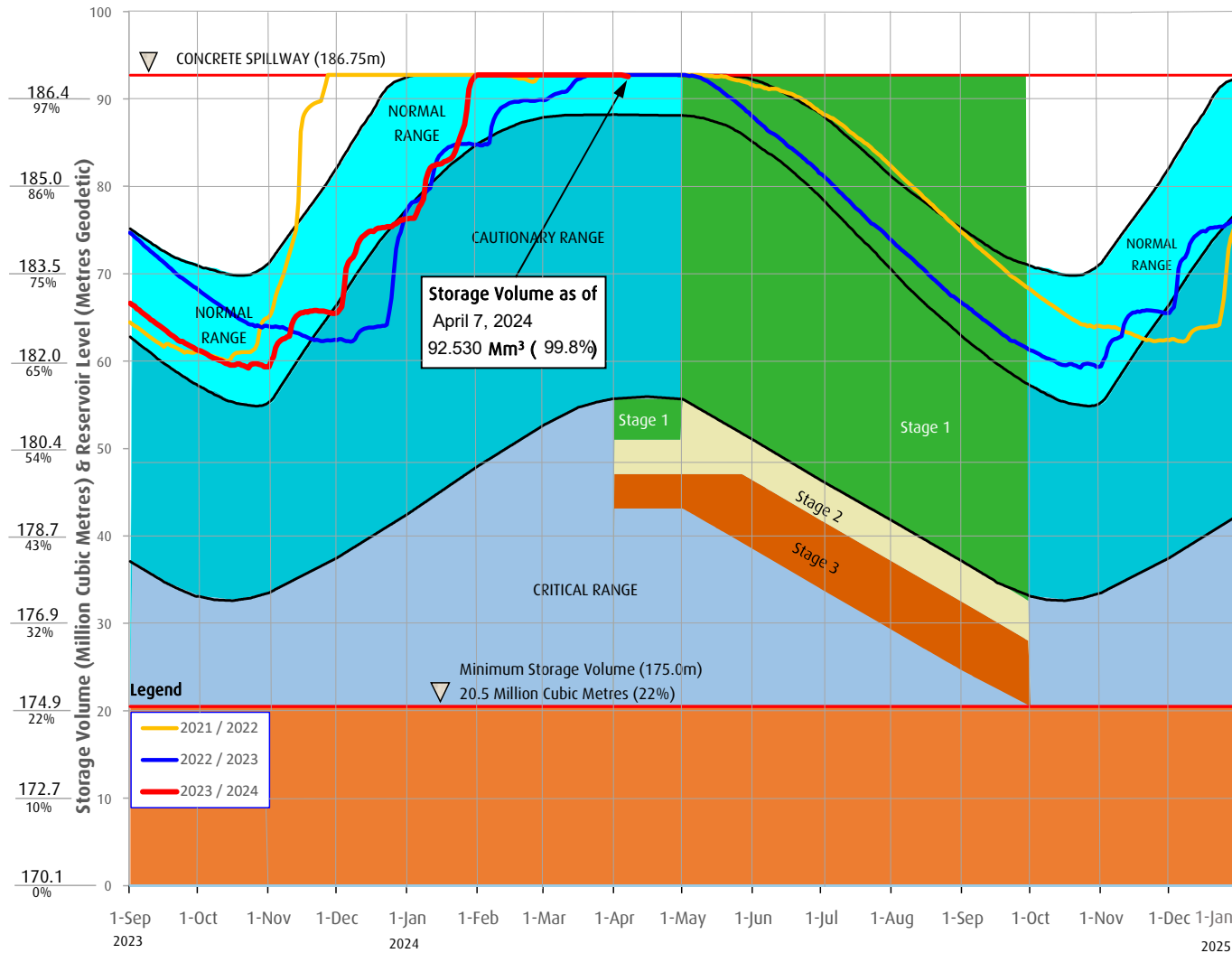
SOOKE LAKE RESERVOIR STORAGE SUMMARY

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 April 07, 2024

