CAPITAL REGIONAL DISTRICT - INTEGRATED WATER SERVICES

Water Watch

Issued June 10, 2019

Water Supply System Summary:

1. Useable Volume in Storage:

Reservoir	June 30 5 Year Ave		June 30/18		June 9/19		% Existing Full Storage
	ML	MIG	ML	MIG	ML	MIG	
Sooke	82,159	18,075	82,102	18,062	85,535	18,818	92.2%
Goldstream	7,570	1,665	7,570	1,665	5,433	1,195	55.3%
Total	89,729	19,740	89,672	19,728	90,968	20,013	88.7%

2. Average Daily Demand:

For the month of June	177.5 MLD	39.06 MIGD
For week ending June 09, 2019	174.7 MLD	38.43 MIGD
Max. day June 2019, to date:	190.9 MLD	41.99 MIGD

3. Average 5 Year Daily Demand for June

Average (2014 - 2018)	182.1 MLD [1]	40.05 MIGD [2]

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

4. Rainfall June:

Average (1914 - 2018):	35.4 mm
Actual Rainfall to Date	4.3 mm (12% of monthly average)

5. Rainfall: Sep 1- Jun 9

Average (1914 - 2018):	1,562.0 mm
2018 - 2019	1,441.1 mm (92% of average)

6. Water Conservation Action Required:

CRD's Stage 1 Water Conservation Bylaw is now in effect through to September 30, 2019.
Visit www.crd.bc.ca/water for scheduling information.

If you require further information, please contact:

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or
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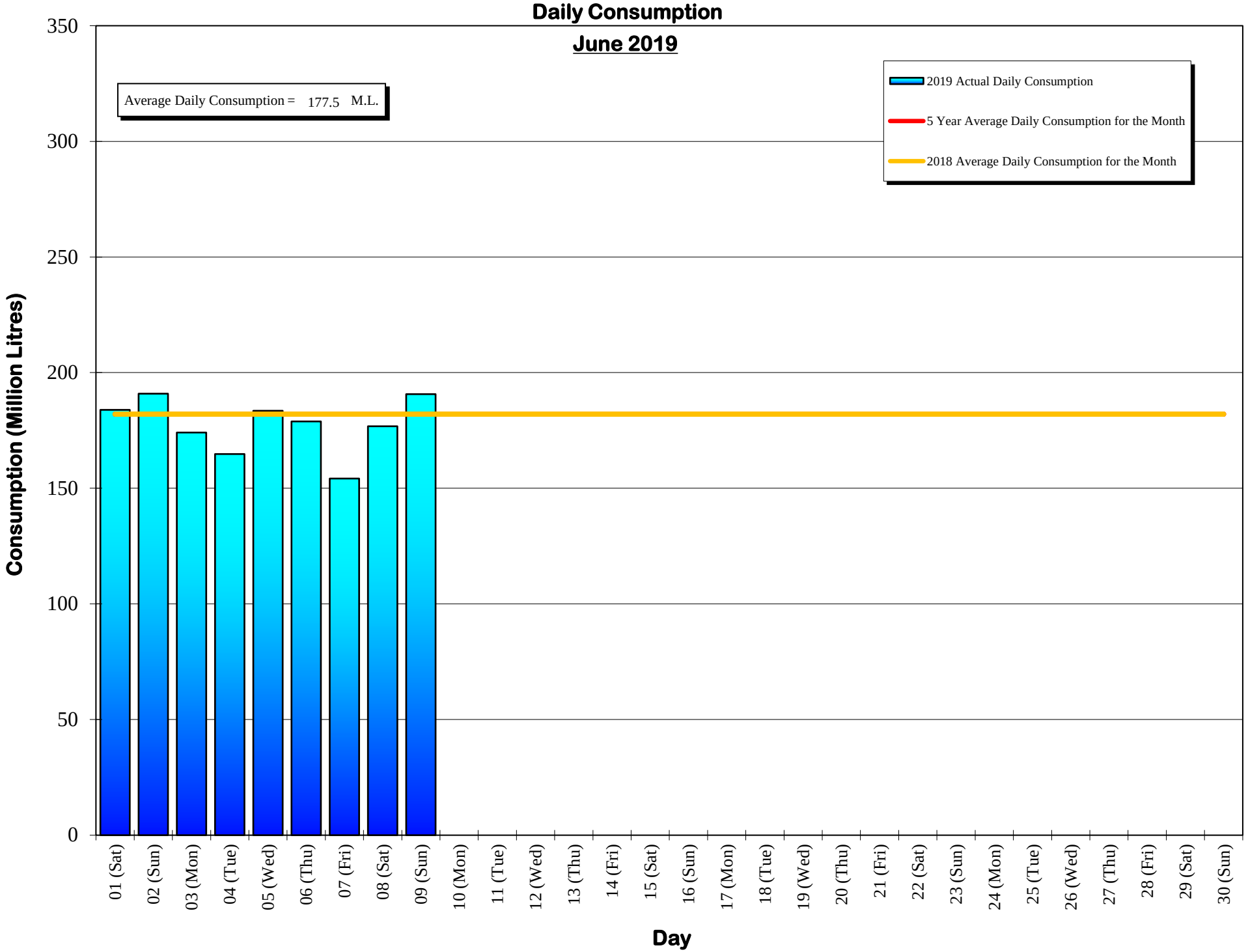
Daily Consumption

June 2019



Daily Consumptions: - June 2019

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 (Sat)	183.9		40.5	24	11	Sunny	0.0	0.0	0.0
02 (Sun)	190.9	<=Max	42.0	24	11	Sunny / P. Cloudy	0.0	0.0	0.0
03 (Mon)	174.1		38.3	19	8	Sunny	0.0	0.0	0.0
04 (Tue)	164.8		36.3	21	7	Sunny / P. Cloudy	0.0	0.0	0.0
05 (Wed)	183.5		40.4	16	9	Sunny / P. Cloudy	0.0	0.0	0.0
06 (Thu)	178.9		39.4	16	7	Sunny / P. Cloudy / Showers	0.5	0.0	0.5
07 (Fri)	154.2	<=Min	33.9	16	7	Sunny / P. Cloudy	3.8	0.0	3.8
08 (Sat)	176.8		38.9	20	8	Sunny / P. Cloudy	0.0	0.0	0.0
09 (Sun)	190.7		42.0	22	8	Sunny / P. Cloudy	0.0	0.0	0.0
10 (Mon)									
11 (Tue)									
12 (Wed)									
13 (Thu)									
14 (Fri)									
15 (Sat)									
16 (Sun)									
17 (Mon)									
18 (Tue)									
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22 (Sat)									
23 (Sun)									
24 (Mon)									
25 (Tue)									
26 (Wed)									
27 (Thu)									
28 (Fri)									
29 (Sat)									
30 (Sun)									
TOTAL	1597.8 ML		351.52 MIG				4.3	0	4.3
MAX	190.9		41.99	24	11		3.8	0	3.8
AVE	**177.5**		39.06	19.8	8.4		0.5	0	0.5
MIN	154.2		33.92	16	7		0.0	0	0.0

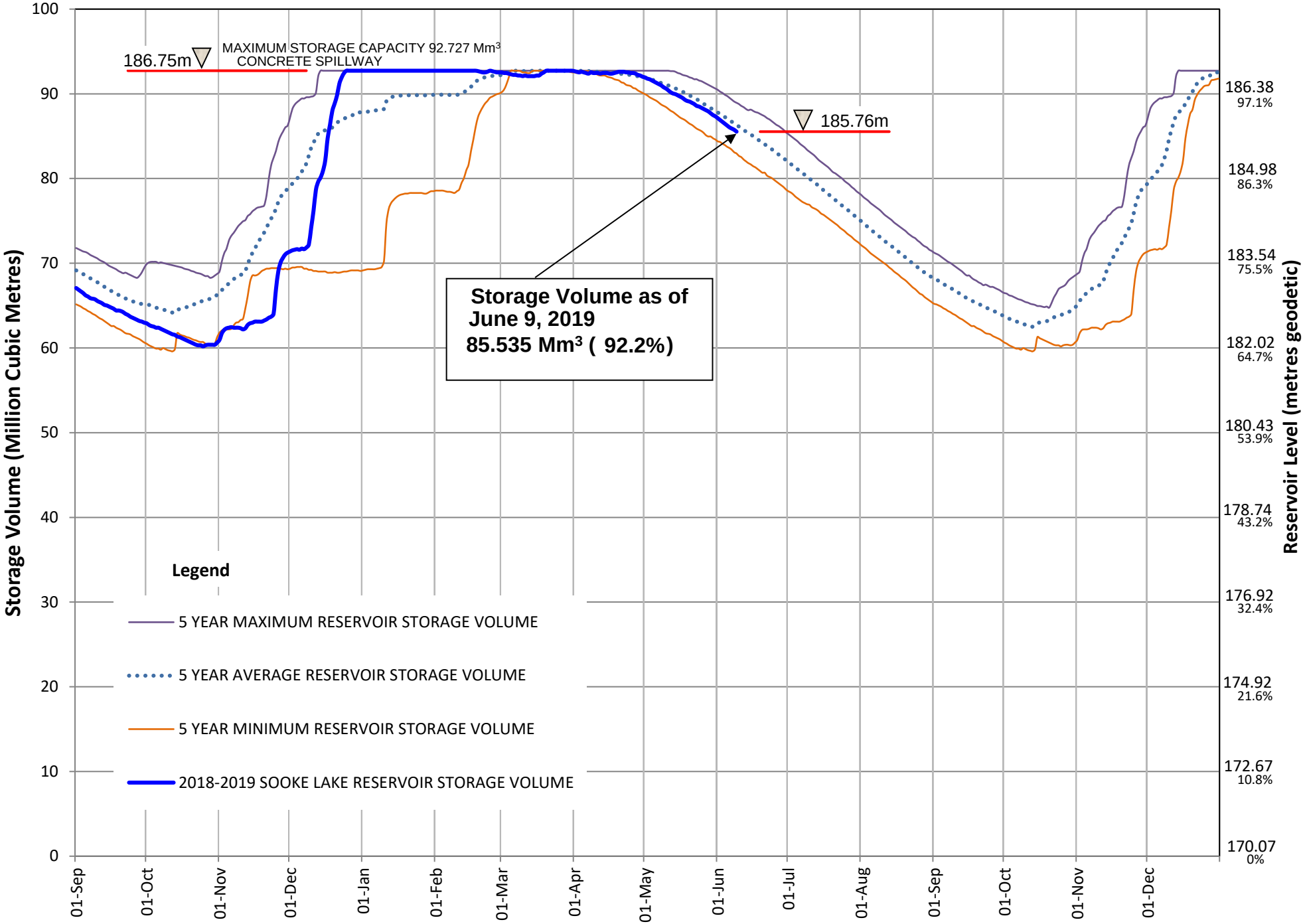
1. ML = Million Litres 2. MIG = Million Imperial Gallons 3. 10% of snow depth applied to rainfall figures for snow to water equivalent.

Average Rainfall for June (1914-2018)	35.4 mm
Actual Rainfall: June	4.3 mm
% of Average	12%
Average Rainfall (1914-2018): Sept 01 - Jun 09	1,562.0 mm
Actual Rainfall (2018-2019): Sept 01 - Jun 09	1,441.1 mm
% of Average	92%

Number days with precip. 0.2 or more
2

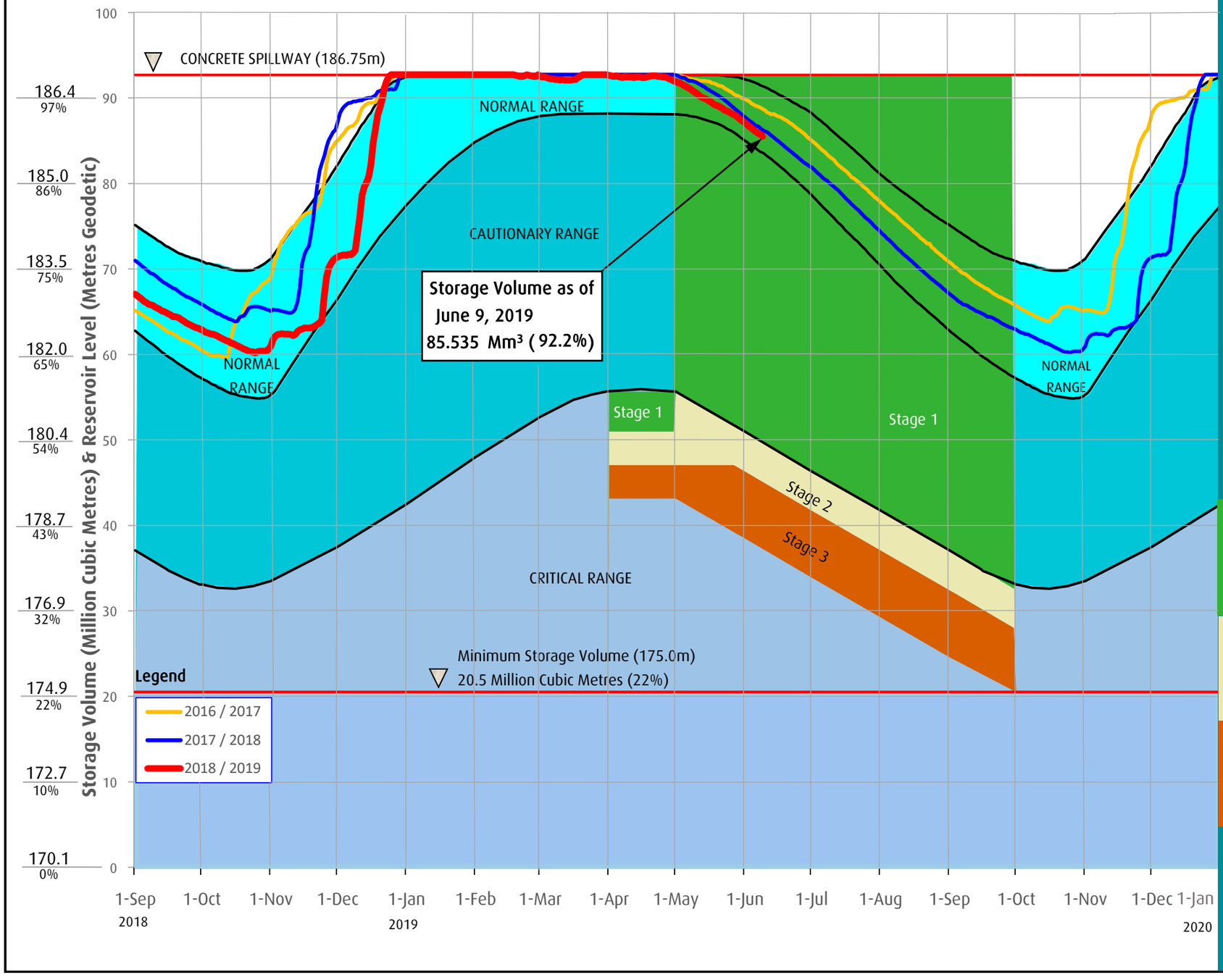
Water spilled at Sooke Reservoir to date (since Sept. 1) = 5.38 Billion Imperial Gallons
= 24.50 Billion Litres

SOOKE LAKE RESERVOIR STORAGE SUMMARY
2018 / 2019



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 Commision 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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