



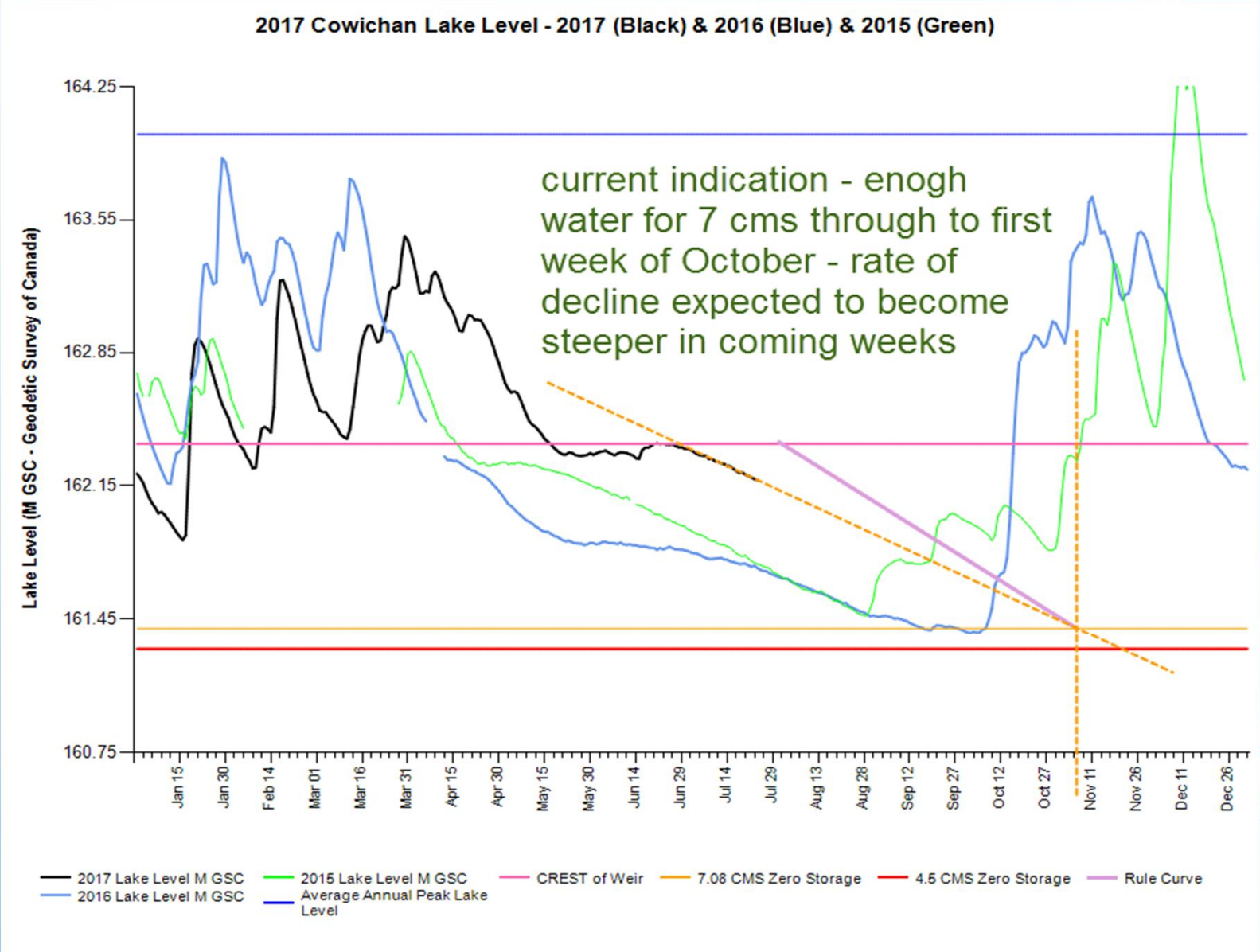
Cowichan Watershed Board

JULY 31, 2017

COWICHAN LAKE STORAGE & RIVER FLOW
UPDATE

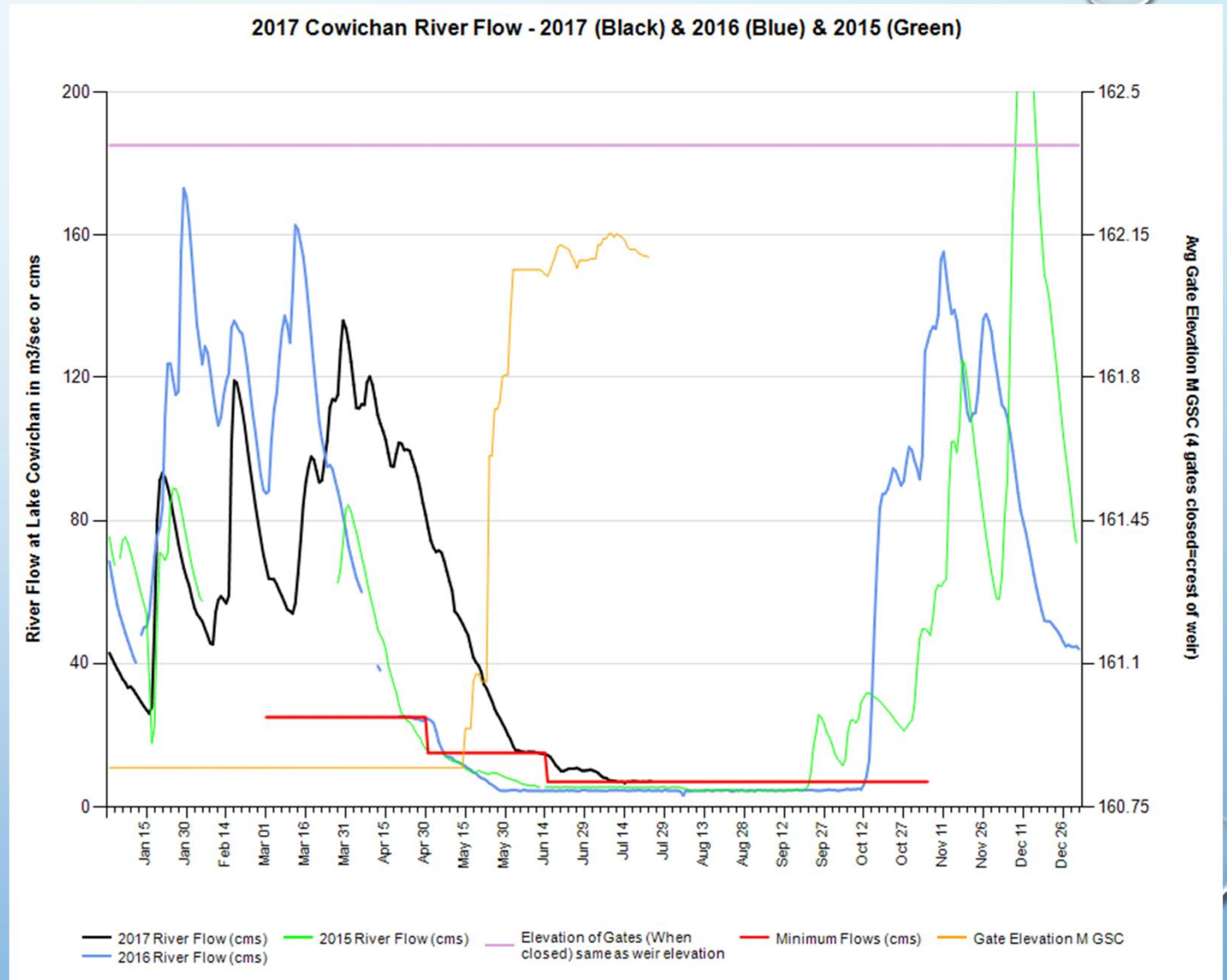
LAKE STORAGE LEVELS

- FULL STORAGE MAINTAINED UNTIL END OF JUNE
- LAKE NOW LEVEL NOW DROPPING
- BY EXTRAPOLATION, WITH NO PRECIPITATION WOULD REACH 0 STORAGE FIRST WEEK OF NOVEMBER
- LAKE WILL PROBABLY DROP A BIT FASTER WITH CONTINUED HOT DRY WEATHER (EVAPORATION, REDUCED INFLOWS)



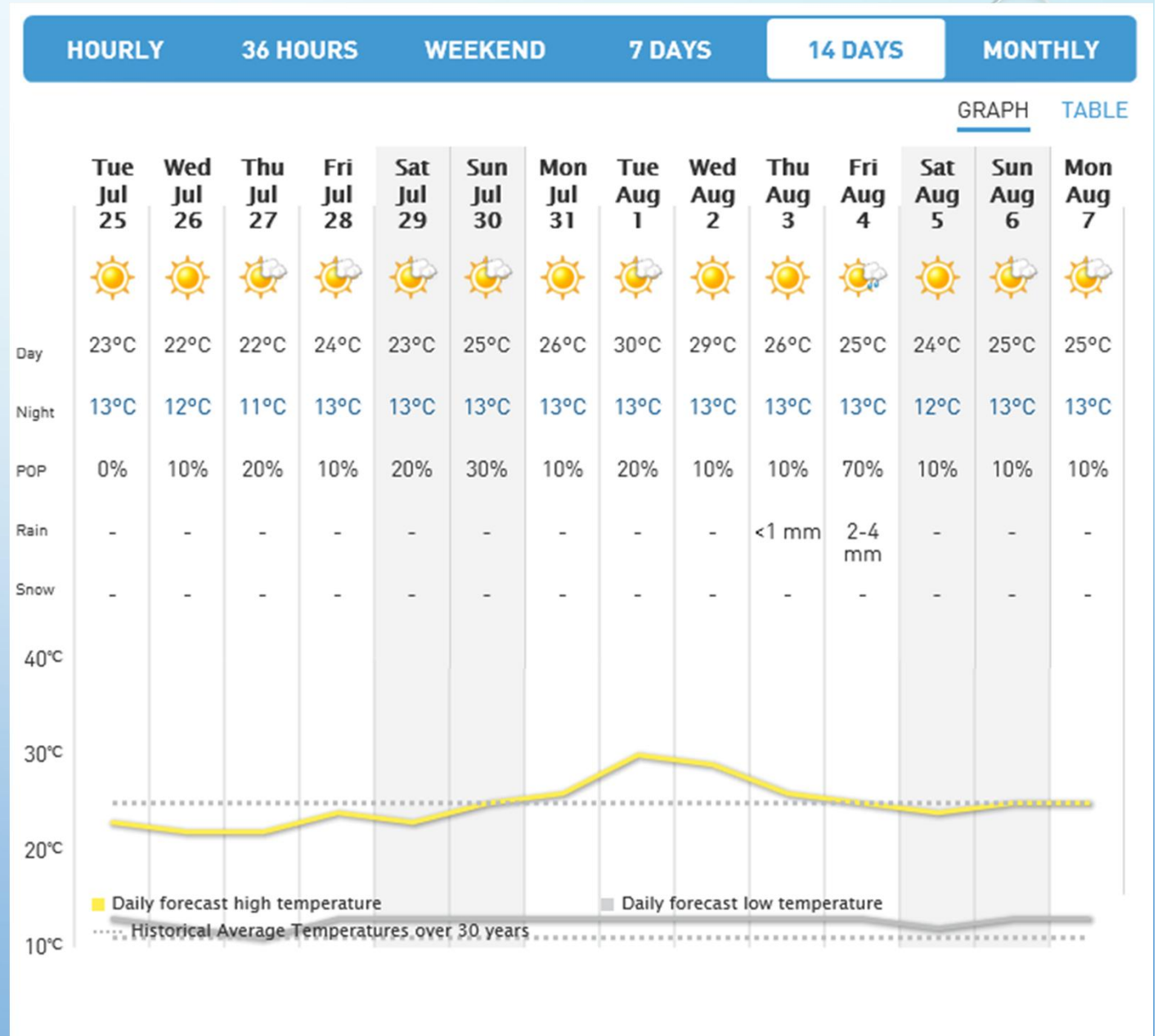
RIVER FLOWS

- RIVER FLOW RAMPED DOWN TO 7CMS SECOND WEEK OF JULY
- RUNNING ABOVE RULE CURVE FOR MOST OF SPRING/SUMMER PRIOR TO THAT
- CURRENT PLAN IS TO MAINTAIN FLOWS AT 7CMS MOVING FORWARD
- COWICHAN TRIBES/DFO FLOW METERING IDENTIFIED CALIBRATION ERROR AT GAUGING STATION – ADDRESSED BY WSC RESULTING IN APPROX. 10% FLOW INCREASE
- NORTH ARM CURRENTLY PASSABLE TO ADULT SALMON (CT/DFO FOOT SURVEYS)



WEATHER...

- WARM AND DRY.....
- WEEKLY CALLS TO BE MAINTAINED
- NO CHANGES ANTICIPATED
- SUMMER PRECIPITATION COULD ALLOW FOR FALL PULSE FLOWS



BOTTOM LINE...

- 2017 LOOKS LIKE A REPRIEVE FROM CONSECUTIVE “FLIRTING WITH DISASTER YEARS”
- GOOD WORK BY COWICHAN TRIBES AND DFO STAFF TO MONITOR LOWER RIVER CONDITIONS
- CONTINUED WARM DRY WEATHER COULD CHANGE OUTLOOK BUT FORECAST FAVOURABLE UNTIL FALL RAINS
- LONG TERM SOLUTION OF ADDITIONAL STORAGE STILL ESSENTIAL CLIMATE CHANGE MITIGATION MEASURE
- PROGRESS ON RETAINING CONSULTANT TO LEAD SDM PROCESS TO DEFINE STORAGE REQUIREMENT AS PER CVRD UPDATE
- IDENTIFICATION OF LICENSE HOLDER WILL BE NEXT “BIG STEP” TOWARDS LONG TERM SOLUTION

QUESTIONS?

