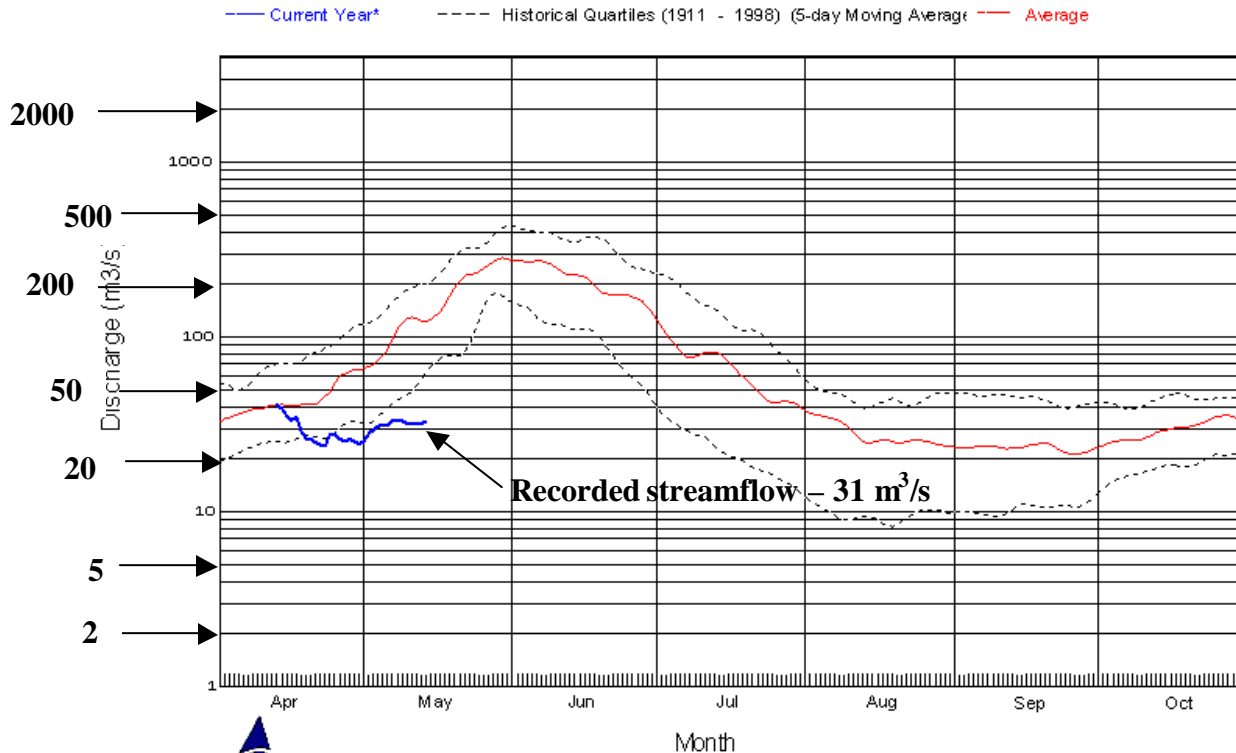


How do I interpret a streamflow graph?

Oldman River Near Lethbridge

(05AD007 - ROLDLETH - 60101.1)



Hydrology Branch
Environmental Operations Division

* Preliminary Data Subject to Revision

- The streamflow graphs shown on the website contain four lines:
Blue – Actual recorded hourly data for that station
Red – Average value for that station
Black Lines – (Quartiles) – Represent the “normal” range that data should be in
Example: In the figure above, streamflow for the Oldman River near Lethbridge is “below-normal” in mid-May (Recorded streamflow is below the lower quartile).
- Some of the graphs use a “Logarithmic” (base 10) scale (as shown above)
The horizontal lines on the graph go up by a power of ten. The lines between the values shown on the left side of the graph increase by the lowest value shown. For example, for the lines between 1 and 10 – the increment is 1; lines between 10 and 100 – the increment is 10; the lines between 100 and 1000 – the and so on (see graph).