

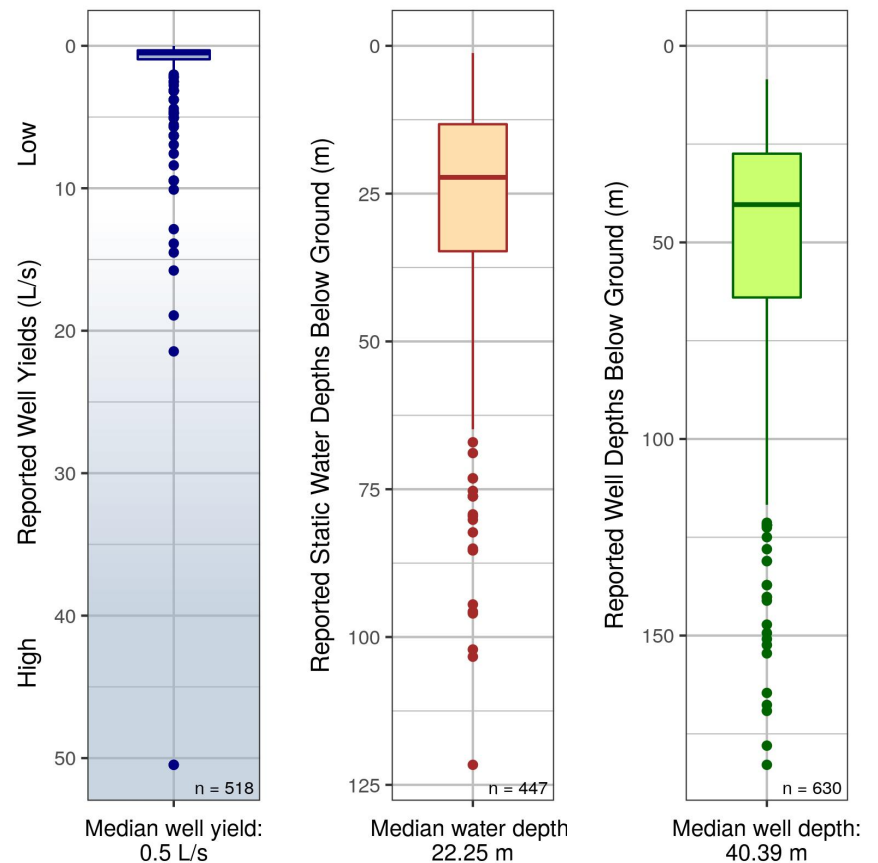
Aquifer Description (Mapping Report - 2004):

Fractured sedimentary rock aquifers primarily found in association with old sedimentary basins (subtype = 5a).

Aquifer Details

Region	Northeast
Water District	Peace River
Aquifer Area	3286 km ²
No. Wells Correlated to Aquifer	654
Vulnerability to Contamination	Low
Productivity	Moderate
Aquifer Classification	IIIC
Hydraulic Connectivity ¹	Not Likely
Aquifer Stress Index	Method not applicable - confined aquifer
No. Water Licences Issued to Wells	12
Observation Wells (Active, Inactive)	124

¹ Based on broad regional assessment



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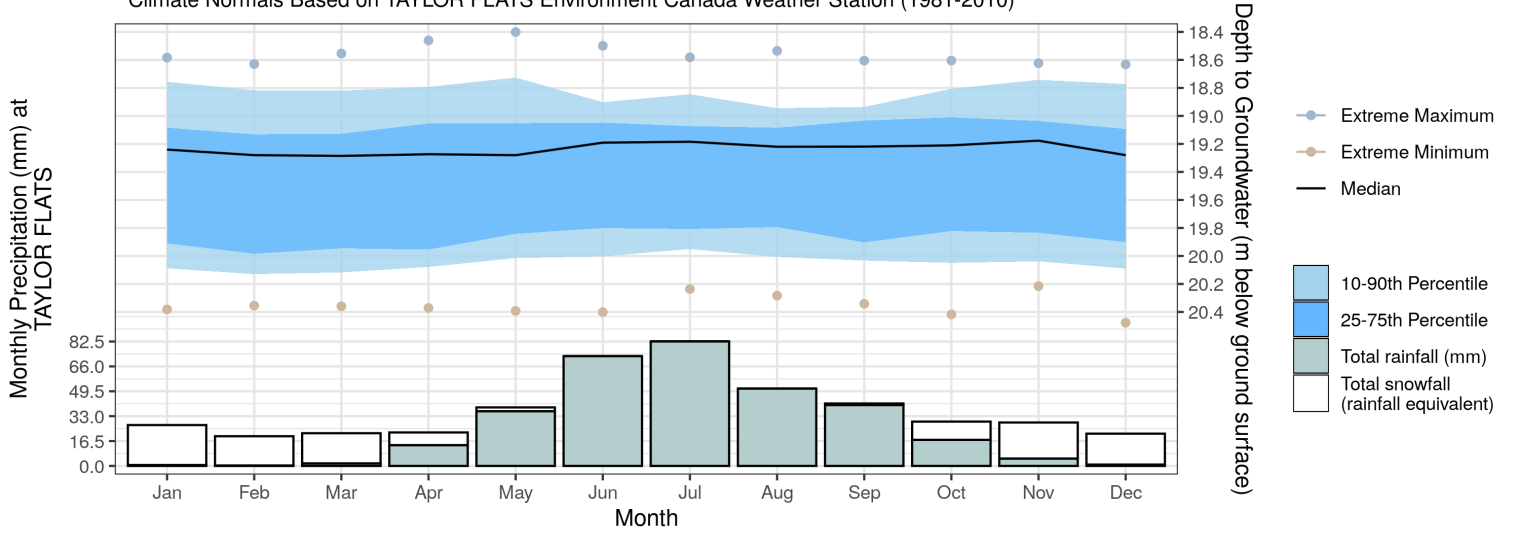
Detailed methods for all figures are described in the companion document ([Aquifer Factsheet - Companion Document.pdf](#)).

Factsheet generated: 2020-08-06. Aquifers online: <https://apps.nrs.gov.bc.ca/gwells/aquifers>.

Monthly Groundwater Level¹ with Precipitation from Climate Normals²

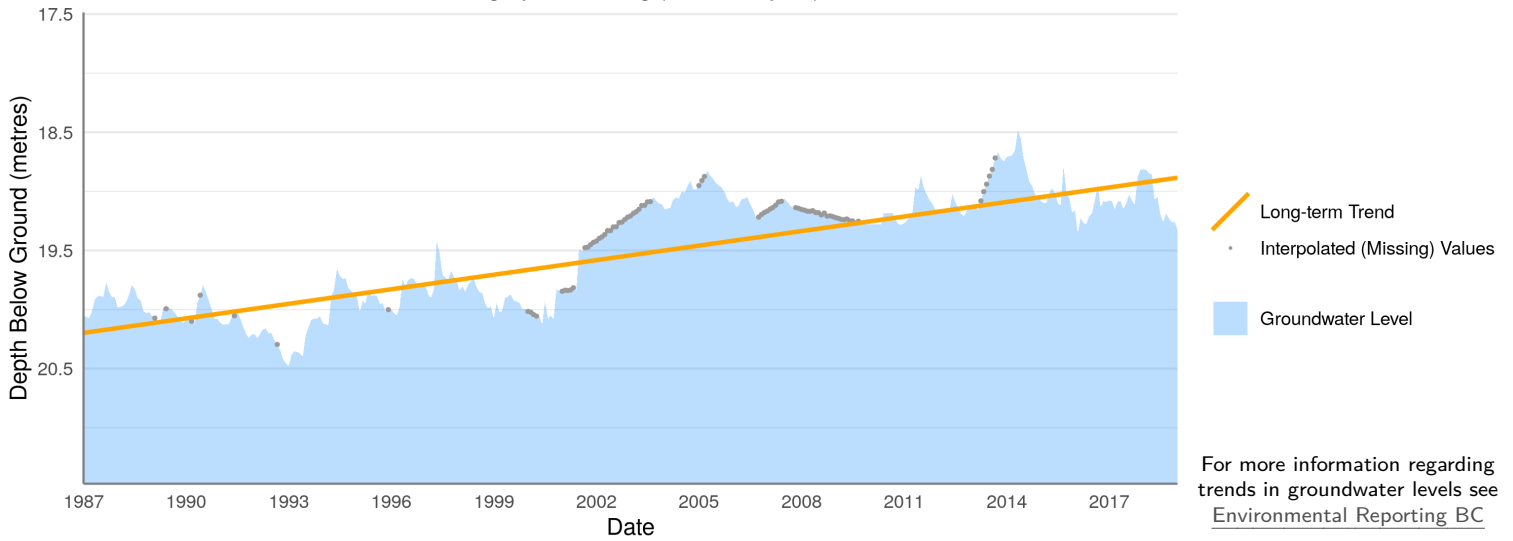
¹ Full Monthly Water Level Summary (49 years of data; 1971-2020)

² Climate Normals Based on TAYLOR FLATS Environment Canada Weather Station (1981-2010)

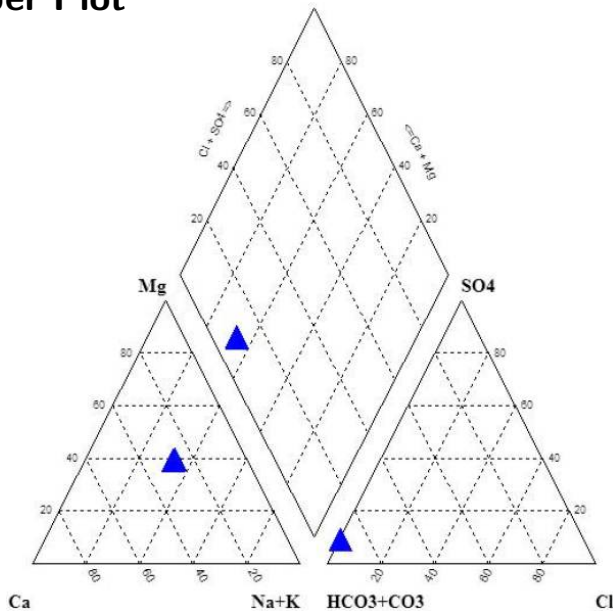


Groundwater Levels and Long-term Trend

Category: Increasing (+0.041 m/year)



Piper Plot



The groundwater samples are typically of the Mg-Na-Ca-HCO₃ type. The groundwater facies signify less evolved water in the shale and sandstone of the Dunvegan formation aquifer #451. Na enrichment might indicate cation-exchange of Ca²⁺ by Na⁺ for the Mg-Na type of waters. For EMS water chemistry data, EMSID 1401077.