

City of Regina Geography

The city is situated on a broad, flat, treeless and largely waterless plain — at the time of its founding. There is an abundance of parks and green spaces: all of its trees — some 300,000 — shrubs and other plants were hand-planted. As in other prairie cities, American elms were planted in front yards in residential neighborhoods and on boulevards along major traffic arteries and are the dominant species in the urban forest.

In recent years the pattern of primary and high school grounds being acreages of barren prairie sports grounds has been re-thought and such grounds have been landscaped with artificial hills and parks. Newer residential subdivisions in the northwest and southeast have, instead of spring runoff storm sewers, decorative landscaped lagoons.

The streetscape is now endangered by Dutch elm disease, which has spread through North America from the eastern seaboard and has now reached the Canadian prairies; for the time being it is controlled by intense pest management programs and species not susceptible to the disease are being planted; the disease has the potential to wipe out Regina's entire elm population.

Climate

Regina experiences a dry humid continental climate (Koppen climate classification *Dfb*) with warm summers and cold, dry winters, prone to extremes at all times of the year. Average annual precipitation is 388 mm (15.3 inches) and is heaviest from June through August, with June being the wettest month with an average of 75 millimetres of precipitation. The average daily temperature for the year is 2.8°C (37.04°F). The lowest temperature ever recorded was -50.0 °C (-58 °F) on 1 January 2005, while the highest recorded temperature was 43.3 °C (110 °F) on 5 July 1937.

Cost of living in Regina Neighborhood

Water — within the City of Regina water distribution is maintained by the city <http://www.regina.ca/residents/water-sewer/>

Within the 2012 budget on page 18 (PDF page 30) are the water utility bill details for Regina. The details below are for Regina however the full chart within the PDF contains data for Calgary, Edmonton, Saskatoon and Winnipeg as well.

The full water budget (which also contains details for a sample commercial customer) can be found here

<http://www.regina.ca/opencms/export/sites/regina.ca/residents/city-administration/.media/pdf/2012-utility-budget.pdf>

The sample customer is a home owner who uses 360 cubic metres of water per year. The water consumption is typical for a family of two adults and two children, in a home with two bathrooms, a dishwasher and washing machine, on a lot with typical landscaping for Regina.

Utility Bill Details	Regina
Water	
Annual Basic Charge	\$ 189.80
Annual Volume Charge	\$446.40
Total Annual Water	\$636.20
Wastewater	
Annual Basic Charge	\$146.00
Annual Volume Charge	\$327.67
Total Annual Wastewater	\$473.67
Annual Drainage Infrastructure Levy	\$1,27.75
Total Annual Utility Charges	\$ 1,237.62

Other references:

The following page from the City of Saskatoon provides data for water rates for the other big city in Saskatchewan

<http://www.saskatoon.ca/DEPARTMENTS/Utility%20Services/Water%20and%20Waste%20Treatment/Pages/WaterandWastewaterUtilityRates.aspx>

Electricity - The provincial utility in charge of electricity is SaskPower – <http://saskpower.com>

(the following was obtained from a colleague who works within SaskPower)

[Here](#) is a link to the SaskPower rates page.

Unfortunately, SaskPower does not keep numbers for just Regina customers. The figures below are averages for all Saskatchewan residential customers, excluding farms.

If you really need information specific to Regina residents, we would need to put in a request and then they can find it based on the billing system and account numbers.

On page 104 of the 2010 Annual Report (also available on the [website](#)) it shows that in 2010 the average annual usage per residential customer was **8,464 kWh** (approx. 705 kWh/month)

Based on a cost of **10.61 cents/kWh** that means a monthly usage charge of **\$74.84** plus the basic monthly charge of \$19.28 (I don't know if you would include that) means a total monthly bill of about **\$94.12** minus any taxes or surcharges.

Other references:

The following page from Manitoba Hydro provides some national data for electrical rates (they have actually parsed out Regina data)

http://www.hydro.mb.ca/regulatory_affairs/energy_rates/electricity/utility_rate_comp.shtml

Natural Gas - The provincial utility in charge of natural gas distribution is SaskEnergy - <http://saskenergy.com/>

The following table is taken from Saskatchewan Rate Review Panel (<http://www.saskratereview.ca/>), their mandate is to review rate applications submitted by SaskPower (electricity), SaskEnergy (natural gas – the primary source for winter heating) and Saskatchewan Government Insurance Auto Fund, and provide the government with an objective evaluation of each rate application.

The full information piece that contains this table can be found at http://www.saskratereview.ca/images/docs/srrp_SkEnergy_Media_Release.pdf

Customer Class Impacts – Intra-Class Rate Changes								
Customer Class	Total Annual Bill		Original Annualized Bill Impact			Updated Annualized Bill Impact		
	Annual Usage m³/year	Current Rate \$/year	Proposed Rates \$/year	Change \$/year	Percentage %/year	Proposed Rates \$/year	Change \$/year	Percentage %/year
Residential								
Low	2,500	1,150	936	(214)	(18.6%)	911	(239)	(20.8%)
Average	2,842	1,284	1,041	(243)	(18.9%)	1,012	(272)	(21.2%)
High	9,000	3,689	2,918	(770)	(20.9%)	2,827	(861)	(23.4%)
Farm								
Low	2,500	1,175	961	(214)	(18.2%)	936	(239)	(20.4%)
Average	3,943	1,739	1,401	(338)	(19.4%)	1,362	(377)	(21.7%)
High	10,000	4,104	3,248	(856)	(20.9%)	3,147	(957)	(23.3%)
General Service II								
Low	5,000	2,207	1,779	(428)	(19.4%)	1,729	(479)	(21.7%)
Average	11,333	4,630	3,660	(970)	(21.0%)	3,545	(1,085)	(23.4%)
High	80,000	30,902	24,054	(6,848)	(22.2%)	23,246	(7,656)	(24.8%)
General Service III								
Low	100,000	38,229	26,669	(8,560)	(22.4%)	28,659	(9,570)	(25.0%)
Average	180,069	68,223	52,809	(15,414)	(22.6%)	50,990	(17,233)	(25.3%)
High	660,000	248,005	191,509	(56,496)	(22.8%)	184,843	(63,162)	(25.5%)

Other references: The following page from Manitoba Hydro provides some national data for natural gas rates

http://www.hydro.mb.ca/regulatory_affairs/energy_rates/natural_gas/current_rates.shtml

Rosemont Neighbourhood Transportation Conditions

The following link will take to the Rosemont neighbourhood:

<http://maps.google.ca/maps/place?q=Rosemont,+Regina,+SK&hl=en&ftid=0x531c1c31bcfd5ad5:0x941cb6d9e0e4605b>

Current transportation conditions:

Roads & Traffic

- Most of the roads are in a grid pattern, with sidewalk on both sides of the street for the majority of streets.
- All streets are classified as “Local streets”, except for the following:
 - Expressways (Lewvan Dr);
 - Arterial streets (McCarthy Blvd, portions of 4th Ave, portions of Campbell St, Mikkelson Dr, Dewdney Ave); and
 - Collector streets (portions of 4th Ave, portions of Campbell St, 7th Ave, McIntosh St).
- Typical traffic controls include stop and yield signs and signals along Lewvan Dr at 4th Ave, 7th Ave and Dewdney Ave. There are also a number of uncontrolled intersections at local street-to-local street intersections.
- The current traffic volumes in the study area are within acceptable ranges, with most roads having ample capacity. The exception is Lewvan Dr on the east boundary of the Rosemont neighbourhood, which is approaching capacity issues at the intersection of Dewdney Ave.
- All roads are 50 km/hr with the exception of:
 - Lewvan Drive (70 km/hr);
 - four school zones with reduced speed limits of 40 km/hr from 8AM - 10PM every day; and
 - one school zone on Dewdney Ave with reduced speed limit of 40 km/hr only when flashing lights indicate.

Cycling

- McCarthy Blvd has an on-street, shared-use bikeway with the parking lane in both directions.
- The Devonian multi-use pathway runs adjacent to Rosemont along Wascana Creek.

Transit

- Rosemont Neighbourhood is serviced by Transit routes #11 “Normanview” and #13 “Mount Royal”. Route details can be found at:
http://www.regina.ca/opencms/export/sites/regina.ca/residents/transit-services/.media/pdf/may_2011_transit_map.pdf

Collisions/Safety

- There are no locations within the Rosemont Neighbourhood that are in the top 50 intersections with highest numbers of auto collisions, with the exception of the intersections along Lewvan Dr (all of which are in the top 50).

Future transportation conditions (235,000 population scenario):

- All roadways within the Rosemont Neighbourhood will have acceptable capacity to accommodate increased traffic volumes with the exception of Lewvan Dr on the east boundary of Rosemont Neighbourhood. Lewvan Dr from 7th Avenue to Dewdney Ave will increase in traffic volumes to a failing level of service.
- No new roads, extensions or widenings are planned for the Rosemont neighbourhood.
- No new bike lanes are planned for the Rosemont neighbourhood.

Population Growth Rates

As per the "Population, Employment and Economic Analysis of Regina" working paper, Regina is projected to have a population of 257,950 by the year 2035 under a medium growth scenario. Additional detail can be found at:

http://www.designregina.ca/wp-content/uploads/Population_Employment_and_Economic_Analysis_of_Regina_-_2010.pdf

City of Regina Standard Manuals utilized in Construction and Design

There is a number of City standard manuals utilized in urban construction design whether it is developing a new subdivision from scratch or revitalizing an existing or aging subdivision. Provided below are a highlights of some of the standards and website locations.

Development Standards Manual

The Development Standards Manual for Subdivision Servicing provide information to the construction and home building industry regarding the standards governing the design of subdivision as required by the City of Regina.

The manual does not attempt to set rigid standards; rather it provides you with guidelines to the requirements of the City of Regina. Where the design of a subdivision dictates that these guidelines are not attainable, sound engineering practices should prevail in order to reach a satisfactory solution.

<http://www.regina.ca/business/building-demolition/download-manuals/manual-development-standards/>

Standard Construction Specifications Manual

The Standard Construction Specifications manual contains information about the requirements and standards for sewer, water, drainage, grading, paving and landscaping for streets, roads and sidewalks for developments.

<http://www.regina.ca/business/building-demolition/download-manuals/manual-standard-construction-specification/>

Developers/Consultants Field Services Manual

The Develops/Consultants Field Service Manual outlines the minimum field services the City of Regina requires from those constructing subdivision to reasonably assure that standards and specifications are achieved. Following the manual also reduce the chance of the City of Regina and the consultant of duplicating efforts concerning inspection, testing and site attendance.

The manual contains information about the responsibilities of the City of Regina, the consultant and the developer, as well as inspections, pre-construction duties, installing underground utilities and landscaping/surface improvements for the subdivision.

<http://www.regina.ca/business/building-demolition/download-manuals/manual-developers-consultants/>