

## Climate vs. Weather Activity

1. Use the climate data in the attached table to describe Prince Albert's climate for each season below. You will need a calculator to calculate the averages. SHOW YOUR WORK!

### PRINCE ALBERT'S CLIMATE

#### Fall (Sept-Nov)

Average High Temperature: \_\_\_\_\_

Average Low Temperature: \_\_\_\_\_

Average amount of precipitation: \_\_\_\_\_

Typical precipitation seen (snow, rain, etc)

#### Winter (Dec-March)

Average High Temperature: \_\_\_\_\_

Average Low Temperature \_\_\_\_\_

Average amount of precipitation: \_\_\_\_\_

Typical precipitation seen:

#### Spring (April-June)

Average High Temperature: \_\_\_\_\_

Average Low Temperature: \_\_\_\_\_

Typical precipitation seen:

Average amount of precipitation: \_\_\_\_\_

#### Summer (July-Aug)

Average High Temperature: \_\_\_\_\_

Average Low Temperature \_\_\_\_\_

Typical precipitation seen:

Average amount of precipitation: \_\_\_\_\_

### **PRINCE ALBERT'S WEATHER:**

DATE: \_\_\_\_\_ At \_\_\_\_\_ a.m./ p.m. the temperature is \_\_\_\_\_

The weather outside today is... (i.e. **describe** wind, clouds, precipitation, sun, etc.)

## Climate Data for Prince Albert

Statistic	Units	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Average
High Temperature Mean Value	°C	-13.7	-9.3	-2.4	9.0	17.8	22.1	24.2	23.1	16.5	9.8	-2.8	-11.4	6.91
Low Temperature Mean Value	°C	-26.1	-22.7	-15.4	-3.8	3.0	8.2	10.9	9.0	3.3	-2.5	-12.4	-22.6	-5.92
Precipitation Mean Monthly Value	cm	1.54	1.36	1.82	2.22	4.16	6.69	7.21	5.86	3.98	2.16	1.65	1.91	3.380
Snowfall Mean Monthly Value	cm	17.3	15.4	19.6	10.2	2.8	0.0	0.0	0.0	2.8	9.9	16.7	21.9	9.72

**Calculations for For Each Season:**

$$\text{Ave High Temp} = \frac{\text{Sum of the High Temperatures}}{3}$$

$$\text{Ave Low Temp} = \frac{\text{Sum of the High Temperatures}}{3}$$

$$\text{Ave Precipitation} = \frac{\text{Sum of the precipitation and snowfall values}}{6}$$