

4. The graph below shows the average rainfall and temperatures for Durban. Use it to answer the questions that follow.

Month	J	F	M	A	M	J	J	A	S	O	N	D
Temp ($^{\circ}\text{C}$)	25	25	24	22	20	18	18	19	20	22	23	24
Rainfall (mm)	110	120	130	90	00	30	30	40	80	125	125	125

- a) What is the highest temperature recorded in Durban?
 25°C
- b) In which month did Durban receive the lowest amount of rainfall?
In June and July May
- c) Why is it not good for farmers in Durban to plant their crops in the month of May?
There is no rainfall which supports plant growth
- d) Calculate the average total rainfall for Durban.

$$\text{Average} = \frac{\text{Total data}}{\text{No. of data}}$$

$$= \frac{(110 + 120) + (130 + 90) + (00 + 30) + (30 + 40) + (80 + 125) + (125 + 125)}{12}$$

$$= \frac{(230 + 220) + (205) + (250)}{12}$$

$$\frac{(110 + 120 + 130 + 90 + 00 + 30 + 30 + 40 + 80 + 125 + 125 + 125)}{12}$$

$$= \frac{1005}{12}$$

$$= 83 \frac{9}{12}$$

$$= 83 \frac{3}{4}$$