



Table 1.1 for Question 1

Total rainfall and average discharge by month for the Kita River, Japan, 2013

month	J	F	M	A	M	J	J	A	S	O	N	D
total rainfall (mm)	205	100	70	100	50	100	150	120	654	220	200	250
average river discharge (m <sup>3</sup> /s)	12	12	11	6	3	3	4	4	46	15	16	19

Fig. 2.1 for Question 2

Solar radiation absorbed and reflected by the Earth's surface and reflected by clouds

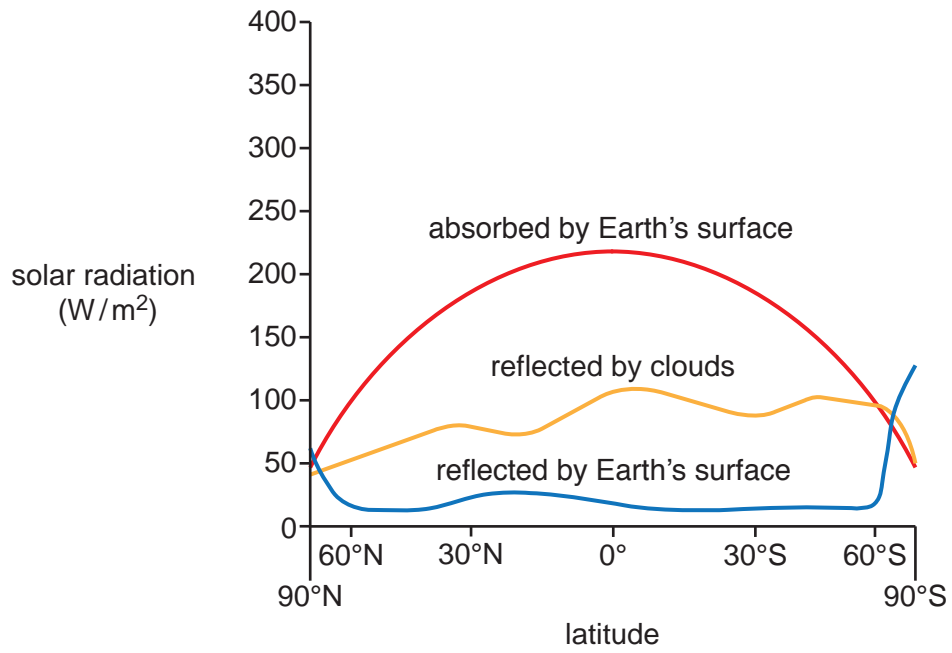
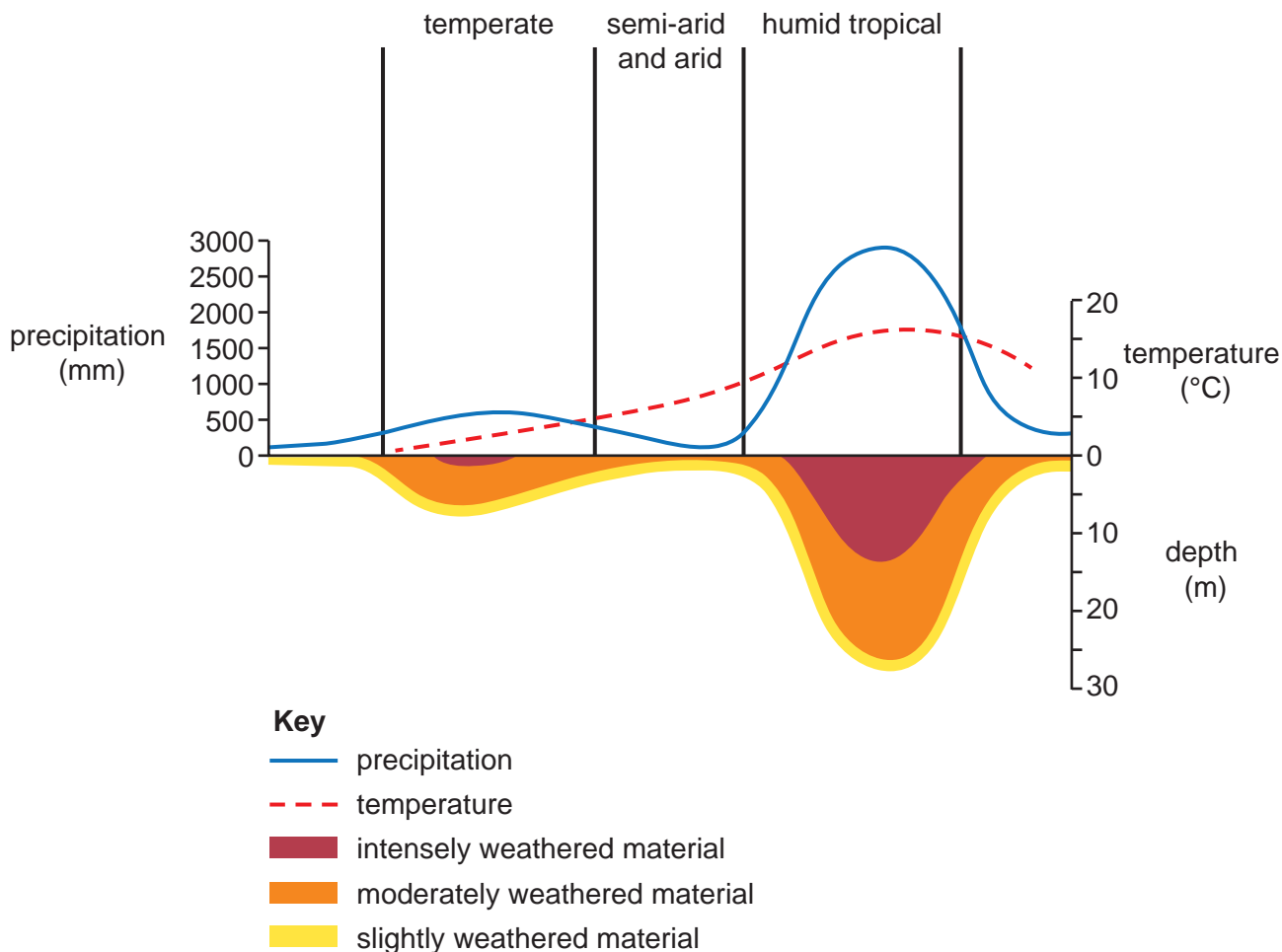


Fig. 3.1 for Question 3

## Relationships between precipitation, temperature and weathering



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