

TD°05 : Climate elements**Exercise 01**

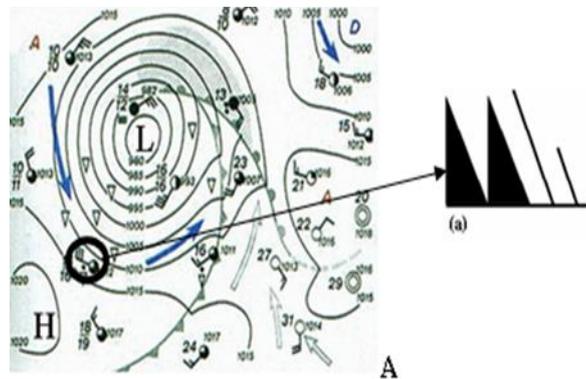
The table below shows the mean monthly precipitation totals for the Constantine region (1971–2006).

1. Calculate the monthly precipitation coefficients (CP).
2. Plot the CP graph.
3. What conclusion can you draw?

Month	S	O	N	D	J	F	M	A	M	J	J	A
P (mm)	37,64	37,51	53,35	77,13	72,38	57,89	58,2	55,88	45,91	18,87	6,5	11,18
C.P												

Exercise 02

The diagram below illustrates a meteorological phenomenon occurring between the (L) and (H) zones.



- a) What is this phenomenon?
- b) Explain the mechanism of formation and the development (sequence) of this phenomenon.
- c) What does diagram (a) represent?
- d) Calculate the intensity of the phenomenon illustrated by (a).
- e) With reference to the diagram below, determine the wind speeds and directions

