

Criteria for marking Assignment 1

- Overall organization, layout, tidiness, with particular appreciation for any particular flair-style-confidence-creativity-depth-impact-professionalism (**3 MARKS**)
- Graphing: tidiness; titled; curves distinct and identified by a descriptive legend; axes correctly labelled with units given (3 MARKS)
- Interpretation: Up to a maximum of (**2 MARKS**). Each of the following suggestions worth 1/2 mark:
 - probably a cloudless day, inferred from the regularity of the time variation of Q^*
 - probably summer, inferred from noon magnitude of Q^*
 - probably a cloudless night, inferred from substantially negative Q^* at night
 - plentiful water available for evaporation, inferred from large Q_E exceeding Q_H
 - evaporation stopped at night (magnitude of Q_E small)
 - nighttime losses of sensible heat partially cancel daytime gains, in the case of both soil and atmosphere, inferred from reversal of signs of Q_G, Q_H at night
 - an inversion formed at night, inferred from negative Q_H
 - a negative Q_E implies a downward flux of water vapour (condensation)
- 24h Totals: half mark for each answer correct, for total of (**2 MARKS**)