

- (1, G) What is the proper model for a modern meteorologist?  
For skies with graupel burdens large and clouds engorged and drizzle-kissed  
Portending futures quizzical not ultimately unphysical  
The harbingers of urban floods are best not too statistical
- (2, G) Instead they leapfrog forward calculus in different-see-als  
For solving some equations oh so complex they're numerical  
With entropy that's not conserved as everything gets worse and worse —  
Until the disarray extends beyond the whole known universe
- (3, M) I am the very model of a modern meteorologist  
In matters mathematicist a strident theoreticist  
My graphs are more enig-matic than just another tephigram  
Skew-T, log-p, hodo-, kilo, histo, plani- or nomogram
- (4, M) I understand equations, both dynamical and physical  
With parametrizations for the subgrid interstitial  
I can predict the precip rate so accurate at every date —  
Because I know to find the thickness line of 5 and 2 and 8
- (5, G) Prognosis once depended on a bi-o-logic chemical  
As seaweed damp or dry was thought to offer the prophetical  
But really for a forecast it turned out to be despicable  
As weather isn't maritime and instantly explicable
- (6, G) Coronal mass ejections flung out far into the he-lios-pHERE  
Are seen on solar im-ag-es but At them you must caref'ly peer  
Though climate change from solar flares and other stuff magnetical —  
Can only be described as now most def'nitely heretical

- (7, M) I know my enthalpy, internal energy and entropy  
 Immerse the masters students in thermodynamic revelry  
 Out of these the entropy must be my fav'rite entity  
 For the second law prescribes it has increasing tendency
- (8, M) I am very good at integrating different schemes numerical  
 Compiled and linked in fortran, python, basic, C, or Pascal  
 But to an undergraduate this is a very hard sell — —  
 Just to stop a student making plots using b\*\*\*dy Excel
- (9, G) Yet lightning may not be the in-ex-tric-ab-ly e-phem-e-ral  
 Striking minister roofs in York or - if they had one - Hatfield Peverel  
 When solar winds bring morsels of embedded field delectable  
 You have to briefly wonder if it ain't just all electrical
- (10, M) I haven't even started on potential vorticity  
 It artfully combines rotation, heat and inverse density  
 At ev'ry viva exam it stumps students one by one by one—  
 As no-one ever wants to read McIntyre, Hoskins and Robertson
- (11, M) My true passion surely is the *Thermal Physics of the Atmosphere*  
 It's about the tropo, strato, meso, and the thermosphere  
 Obligatory reading matter, students must not be deprived —  
 It retails at a very reason'ble discounted thirtyfive
- (12, G) And on endeavours long which are in-ev-it-ably personal  
 I should mention my new tome that's just so florid – it's not terse at all  
 called *Measurements and Instruments* (for Ye Olde Meteorolo-jay)  
 Available on Amazon from first thing this next Boxing Day
- (13, M & G) But my book really has a lovely cover illustration  
 But read mine for splendid inspiration  
 But still in matters physical, dynamical,  
 and drizzle kissed  
 We are the proper model of a modern meteorologist