

- ! The Antarctic and Arctic Circles and also the Southern and Northern Tropics do drift. So let us take the values stated in Wiki (June 2008) as our standard, to derive degrees of latitude N of the S-Pole.
- ! I shall use these to update the formula in column N cells I use to calculate the block at which the mapdot is located. This is represented by the character in the second position in the mapdot geocode. My spreadsheet is Quatro Pro 9. Anyone is welcome to follow MapDotProtocol specifications to work-up spreadsheets using other programs, especially Microsoft Excel. One might work-up a client-side Web-page using JavaScript. I was planning to learn enough to do this, but may not have the time. It is possible I will acknowledge volunteer effort, especially if you consult with me first. I appreciate creations with more bells and whistles than mine: different cells; perhaps GPS; P2P preference, advert avoidance; on-line glossary searches.
- ! The formula for cell N4 is:-
- ! @IF(L4<=0,"P",(@IF(L4<=23.4391,"0",(@IF(L4<=45,"1",(@IF(L4<=66.5606,"2",(@IF(L4<=90,"3",(@IF(L4<=113.4394,"4",(@IF(L4<=135,"5",(@IF(L4<=156.5608,"6",(@IF(L4<=18,"7","oops"))))))))))))))))
- ! Similarly, the formula for cell M4 of the Mcells column in my Quatro spreadsheet is:-
- ! @IF(K13<45,"0",(@IF(K13<90,"1",(@IF(K13<135,"2",(@IF(K13<180,"3",(@IF(K13<225,"4",(@IF(K13<270,"5",(@IF(K13<315,"6",(@IF(K13<360,"7","oops"))))))))))))))
- ! I use the Mcolumn to calculate the zone at which the mapdot is located. This is represented by the character in the first position in the mapdot geocode.
- ! After the first two characters, the remainder of the longitude or longitude values for each mapdot are converted into hexadecimal before they are merged into an alphabetical string. (I prefer this geocode-string to be lower-case)