

SPN1 Stability and Accuracy

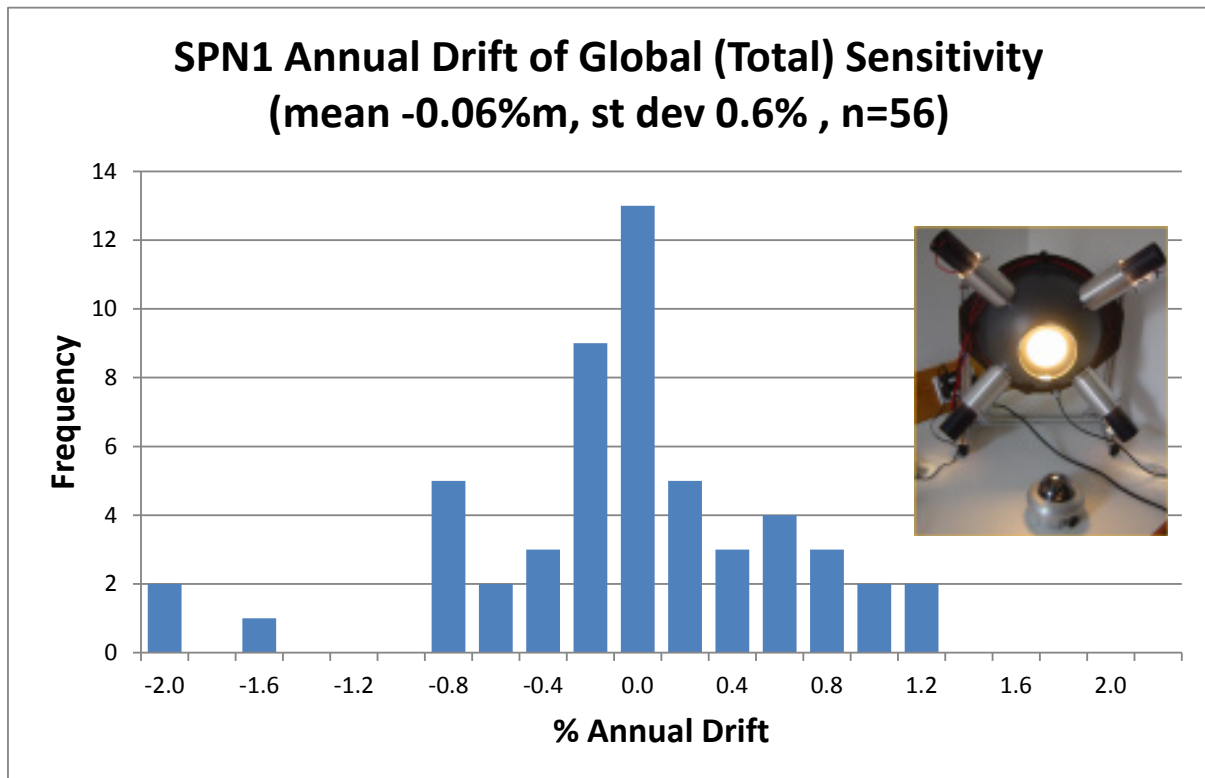


Figure 1: Frequency distribution of the annual % drift in the accuracy of Global (Total) terrestrial solar radiation measurements derived from an analysis of the Delta-T recalibration service records.

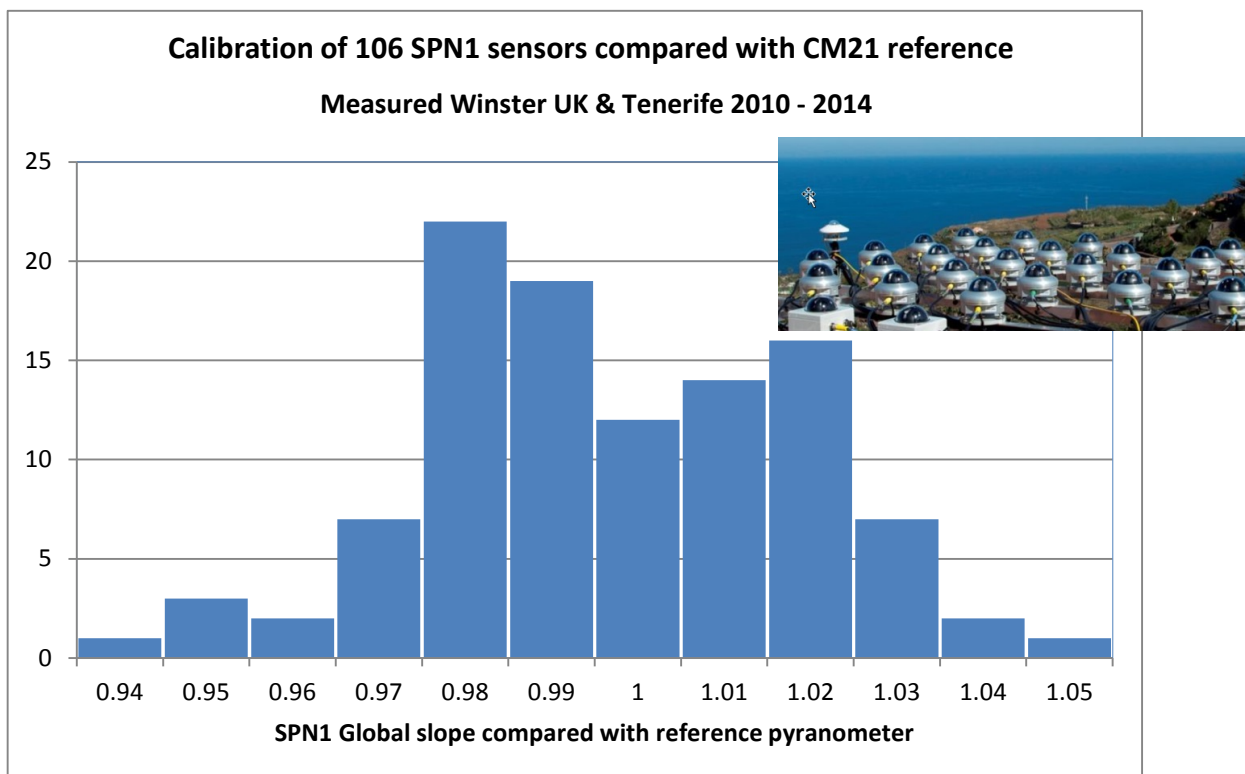


Figure 2: SPN1s are calibrated indoors using a solar lamp and integrating sphere. A sample from each production batch is routinely checked in sunlight. The graph shows how accurately they performed in daylight against a high performance Kipp& Zonan CM21 pyranometer. This data represents 103 SPN1s each tested for about 10 days during 2010 to 2014.