



Figure to the right shows the TSI difference between PMOD [Fröhlich] and TIM on SORCE using the PMOD data file at the end of 2008, before I pointed out to Claus Fröhlich that the difference with SORCE was drifting by 0.18 W/m² per decade which in itself would explain most (0.21) of the 0.22 W/m² difference between the current minimum and the minimum in 1996, 12 years earlier. Claus went back over the calibration and found and corrected some of the problems. The new PMOD data file [left Figure] shows a much smaller drift [0.07 W/m² per decade], but still a drift, which seem to have reverted back to the larger value in 2009. I conclude that the claimed decline in TSI from last minimum to this minimum is probably not correct. One would expect a decline of 0.05 W/m² from the 1996 minimum because of a smaller residual sunspot number, but that is probably below the noise level.