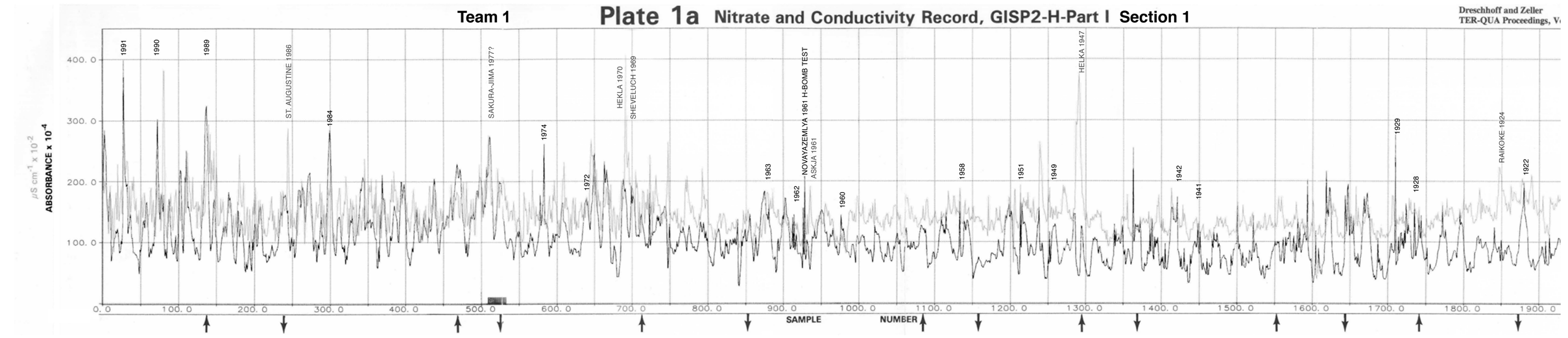
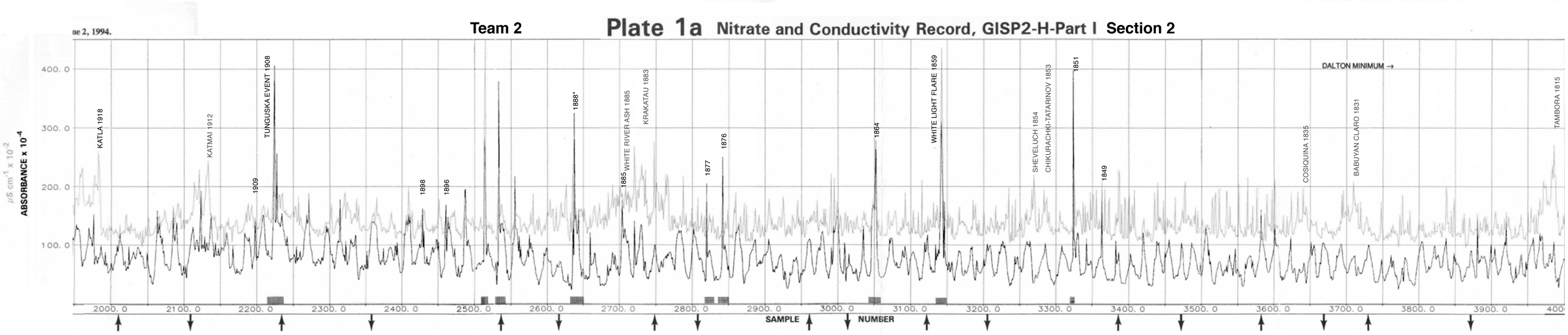
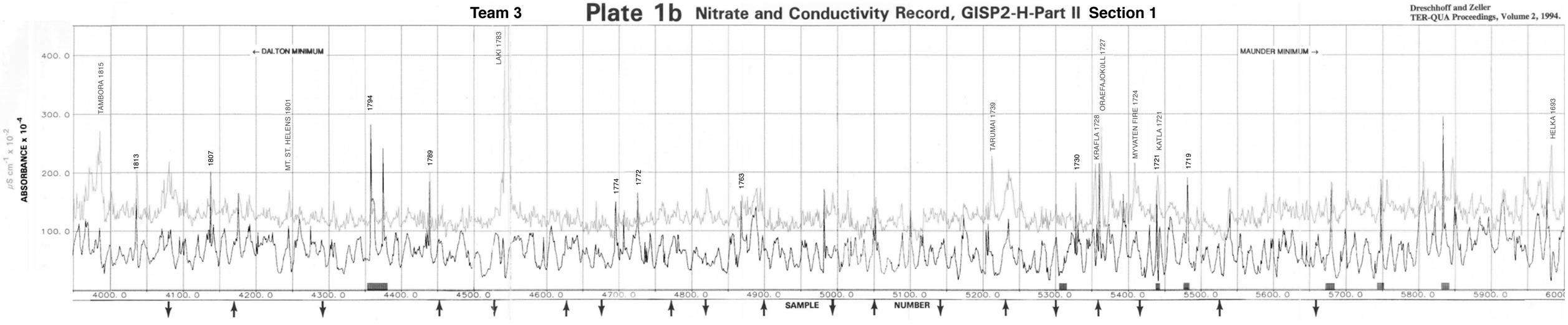
Team 1



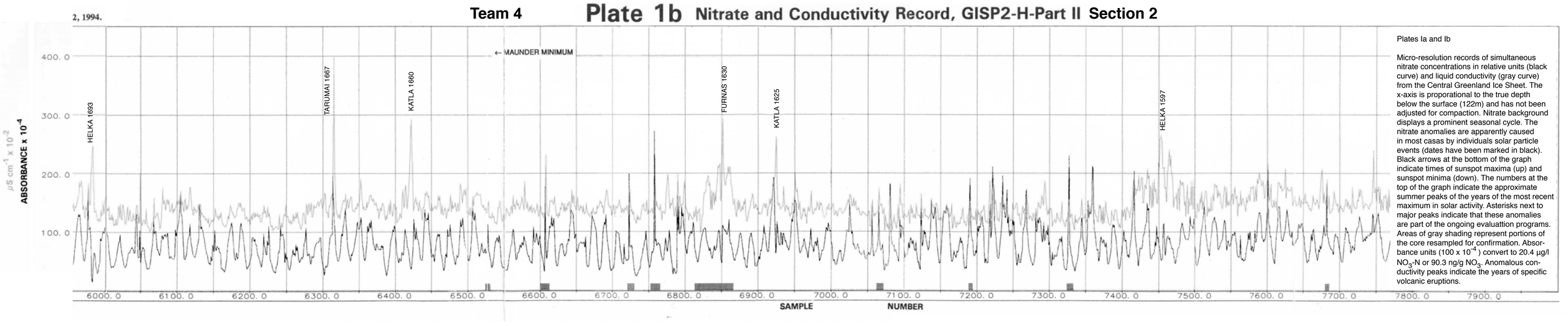
Team 2



Team 3



Team 4



Plates Ia and Ib

Micro-resolution records of simultaneous nitrate concentrations in relative units (black curve) and liquid conductivity (gray curve) from the Central Greenland Ice Sheet. The x-axis is proporational to the true depth below the surface (122m) and has not been adjusted for compaction. Nitrate background displays a prominent seasonal cycle. The nitrate anomalies are apparently caused in most casas by individuals solar particle events (dates have been marked in black). Black arrows at the bottom of the graph indicate times of sunspot maxima (up) and sunspot minima (down). The numbers at the top of the graph indicate the approximate summer peaks of the years of the most recent maximum in solar activity. Asterisks next to major peaks indicate that these anomalies are part of the ongoing evaluattion programs. Areas of gray shading represent portions of the core resampled for confirmation. Absorbance units (100 x 10^{-4}) convert to 20.4 µg/l NO_3-N or 90.3 ng/g NO_3. Anomalous conductivity peaks indicate the years of specific volcanic eruptions.