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Culgoora-2 list of radio source measurements at 80 MHz.

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Abstract. The 80 MHz survey of radio sources made with the Culgoora radioheliograph has been extended by a further 1748 previously catalogued sources in the declination range $-48°$ to $+35°$. Positions, flux densities and beam broadening measured with this $3'{\cdot}7$ arc resolution instrument are given for 1291 sources, while 457 undetected sources are given in a separate list. Success rates for the detection of various classes of radio sources at 80 MHz are listed and discussed. The unidentified sources appear to have low-frequency radio spectra similar to those of the identified radio galaxies rather than to those of the QSOs. A comparison of the flux density measurements for 100 strong sources common to the Culgoora-1 and Culgoora-2 lists suggests that six of them have changed significantly in the interval of approximately three years between the two series of observations. A comparison between the Culgoora-2 flux densities and those of the earlier MSH survey confirms that confusion effects are serious for the weaker MSH sources.