L17b 木曽観測所・夜天光全天カメラによる火球モニター (1977-1990) について 宮下 暁彦、田中 京子、田鍋 浩義 (元国立天文台) 渡邉 裕(専修大学松戸高校) 佐藤 幹哉、 渡部 潤一(国立天文台)

Sequential photographic monitor of fireballs was carried out with using an all-sky camera during the period between 1977 and 1990 at Kiso Observatory. Total number of observed fireballs is 742 and their apparent magnitude is brighter than +1 in average. The obtained data are valuable for investigating the annual variation of the number of the fireballs and for unexpected display of the meteor showers in this period. In this poster paper, we introduce representative samples of the obtained data of the fireballs detected with our system and their images. All the data has been published as archival data in the Publications of the National Astronomical Observatory of Japan, Vol. 12, No. 1-4(2009). Some results of the statistical studies are also presented.