

[P3]

DATA PUBLICATION OF THE KAKIOKA MAGNETIC OBSERVATORY

*S Nagamachi, K Morinaga, N Mashiko and M Sasaoka**

*Kakioka Magnetic Observatory, Japan Meteorological Agency, 595 Kakioka Ishioka-shi Ibaraki-ken, Japan
Email: nagamachi@met.kishou.go.jp*

The Kakioka Magnetic Observatory (KMO) has published the geomagnetic field data, the geoelectric field data and the geomagnetic events catalogue on our web site (<http://www.kakioka-jma.go.jp/en/index.html>). Recently, we are making 1-minute and 7.5-second geomagnetic data digitized from analog magnetograms (Mashiko et.al, 2013). So far, these data from 1956 to 1975 at KAK have been published. And the digitized data from 1980 to 1984 at MMB and KNY will be published in this year. Table 1 shows the data and the period which can be offered. The data are updated routinely whose end time is not described .

Table 1: The list of the data which are available on the KMO web site

Geomagnetic data								
	1-hour	1-minute	1-minute*	7.5-sec*	1-sec	0.1-sec		
KAK	1913-	1976-	1956-1975	1956-1975	1993-	1997-		
MMB	1958-	1985-			1997-	1997-		
KNY	1958-	1985-			1996-	1996-		
CBI	1973-	1989-			1993-			
Geoelectric field								
KAK	1962-	1987-			2000-	1997-		
MMB	1962-	1987-			2000-	1997-		
KNY	1962-	1987-			2001-	1996-		
Atmospheric Electric field								
KAK	1962-	2006-						
MMB	1962-2010	1987-2010						
Geomagnetic Event Catalogue								
	Magnetic Storm	Telluric Storm	Si & SSC	Bay	sfe	Pi	Pc	K-index
KAK	1924-	1999-	1924-	1999-	1999-	1999-2011	1997-2011	1932-
MMB	1957-	1999-	1957-	1999-	1999-	1999-	1997-	1956-
KNY	1958-	2001-	1958-	1999-	1999-	1999-2011	1996-2011	1958-

* The data digitized from magnetograms

REFERENCE

Mashiko, N., Yamamoto, T., Akutagawa, M., and Minamoto, Y. (2013) Digitization of bromide paper records to extract one-minute geomagnetic data. *Data Science Journal* 12, WDS254-WDS257.