

Kakioka Magnetic Observatory List of Data DOI (Magnetic data)

Title of Dataset	DOI
Geomagnetic data at Kakioka (1-year)	doi:10.48682/186bd.05000
Geomagnetic data at Kakioka (1-hour)	doi:10.48682/186bd.2b000
Geomagnetic data at Kakioka (1-minute)	doi:10.48682/186bd.3f000
Geomagnetic data at Kakioka (1-second)	doi:10.48682/186bd.58000
Geomagnetic data at Kakioka (0.1-second)	doi:10.48682/186bd.ed000
Geomagnetic data at Kakioka (1-minute from analog magnetogram)	doi:10.48682/186bd.d7003
Geomagnetic data at Kakioka (7.5-second from analog magnetogram)	doi:10.48682/186bd.c2003
Geomagnetic data at Memambetsu (1-year)	doi:10.48682/186d7.05000
Geomagnetic data at Memambetsu (1-hour)	doi:10.48682/186d7.2b000
Geomagnetic data at Memambetsu (1-minute)	doi:10.48682/186d7.3f000
Geomagnetic data at Memambetsu (1-second)	doi:10.48682/186d7.58000
Geomagnetic data at Memambetsu (0.1-second)	doi:10.48682/186d7.ed000
Geomagnetic data at Memambetsu (1-minute from analog magnetogram)	doi:10.48682/186d7.d7003
Geomagnetic data at Memambetsu (7.5-second from analog magnetogram)	doi:10.48682/186d7.c2003
Geomagnetic data at Kanoya (1-year)	doi:10.48682/186fd.05000
Geomagnetic data at Kanoya (1-hour)	doi:10.48682/186fd.2b000
Geomagnetic data at Kanoya (1-minute)	doi:10.48682/186fd.3f000
Geomagnetic data at Kanoya (1-second)	doi:10.48682/186fd.58000
Geomagnetic data at Kanoya (0.1-second)	doi:10.48682/186fd.ed000
Geomagnetic data at Kanoya (1-minute from analog magnetogram)	doi:10.48682/186fd.d7003
Geomagnetic data at Kanoya (7.5-second from analog magnetogram)	doi:10.48682/186fd.c2003
Geomagnetic data at Chichijima (1-year)	doi:10.48682/1860b.05000
Geomagnetic data at Chichijima (1-hour)	doi:10.48682/1860b.2b000
Geomagnetic data at Chichijima (1-minute)	doi:10.48682/1860b.3f000
Geomagnetic data at Chichijima (1-second)	doi:10.48682/1860b.58000
Geomagnetic data at Chichijima (0.1-second)	doi:10.48682/1860b.ed000
Geomagnetic data at Haraigawa (1-minute)	doi:10.48682/1863d.3f000
Geomagnetic data at Haraigawa (1-second)	doi:10.48682/1863d.58000
Geomagnetic data at Tokyo (1-hour)	doi:10.48682/186e9.2b000
Geomagnetic data at Tokyo (1-hour revised)	doi:10.48682/186e9.2b007

Kakioka Magnetic Observatory List of Data DOI (Electric data)

Title of Dataset	DOI
Goelectric data at Kakioka (1-hour)	doi:10.48682/129bd.2b000
Goelectric data at Kakioka (1-minute)	doi:10.48682/129bd.3f000
Goelectric data at Kakioka (1-second)	doi:10.48682/129bd.58000
Goelectric data at Kakioka (0.1-second)	doi:10.48682/129bd.ed000
Goelectric data at Memambetsu (1-hour)	doi:10.48682/129d7.2b000
Goelectric data at Memambetsu (1-minute)	doi:10.48682/129d7.3f000
Goelectric data at Memambetsu (1-second)	doi:10.48682/129d7.58000
Goelectric data at Memambetsu (0.1-second)	doi:10.48682/129d7.ed000
Goelectric data at Kanoya (1-hour)	doi:10.48682/129fd.2b000
Goelectric data at Kanoya (1-minute)	doi:10.48682/129fd.3f000
Goelectric data at Kanoya (1-second)	doi:10.48682/129fd.58000
Goelectric data at Kanoya (0.1-second)	doi:10.48682/129fd.ed000
Atmospheric electric data at Kakioka (1-hour)	doi:10.48682/1f5bd.2b000
Atmospheric electric data at Kakioka (1-minute)	doi:10.48682/1f5bd.3f000
Atmospheric electric data at Memambetsu (1-hour)	doi:10.48682/1f5d7.2b000
Atmospheric electric data at Memambetsu (1-minute)	doi:10.48682/1f5d7.3f000

Kakioka Magnetic Observatory List of Data DOI (Digital image)

Title of Dataset	DOI
Kakioka analog magnetogram	doi:10.48682/286bd.27003
Memambetsu analog magnetogram	doi:10.48682/286d7.27003
Kanoya analog magnetogram	doi:10.48682/286fd.27003

Kakioka Magnetic Observatory List of Data DOI (Phenomena catalog)

Title of Dataset	DOI
Kakioka geomagnetic storm catalog	doi:10.48682/386bd.007b0
Kakioka telluric storm catalog	doi:10.48682/329bd.00c00
Kakioka sudden impulse and storm sudden commencement catalog	doi:10.48682/386bd.003d0
Kakioka bay disturbance catalog	doi:10.48682/386bd.00da0
Kakioka solar flare effect catalog	doi:10.48682/386bd.00410
Kakioka Pi pulsation Catalog	doi:10.48682/386bd.00360
Kakioka Pc pulsation Catalog	doi:10.48682/386bd.00a70
Kakioka K-index	doi:10.48682/386bd.00250
Memambetsu geomagnetic storm catalog	doi:10.48682/386d7.007b0
Memambetsu telluric storm catalog	doi:10.48682/329d7.00c00
Memambetsu sudden impulse and storm sudden commencement catalog	doi:10.48682/386d7.003d0
Memambetsu bay disturbance catalog	doi:10.48682/386d7.00da0
Memambetsu solar flare effect catalog	doi:10.48682/386d7.00410
Memambetsu Pi pulsation Catalog	doi:10.48682/386d7.00360
Memambetsu Pc pulsation Catalog	doi:10.48682/386d7.00a70
Memambetsu K-index	doi:10.48682/386d7.00250
Kanoya geomagnetic storm catalog	doi:10.48682/386fd.007b0
Kanoya telluric storm catalog	doi:10.48682/329fd.00c00
Kanoya sudden impulse and storm sudden commencement catalog	doi:10.48682/386fd.003d0
Kanoya bay disturbance catalog	doi:10.48682/386fd.00da0
Kanoya solar flare effect catalog	doi:10.48682/386fd.00410
Kanoya Pi pulsation Catalog	doi:10.48682/386fd.00360
Kanoya Pc pulsation Catalog	doi:10.48682/386fd.00a70
Kanoya K-index	doi:10.48682/386fd.00250