

This METImage L1B test data covers a quarter of an orbit of data in netCDF format and is generated using the L1B Ground Processor Prototype (GPP) V1.2.1. The content and format of these products is in line with the specifications in the VII L1 Product Format Specifications document also made available with this dataset.

The following orbit has been used to generate this version V1 of the test data.

- 2007/09/12 from 08:43 to 10:23

The METImage L1B TD package consists of 6 granules. Each granule has a duration of 5 min, 3144 pixels across track and 4200 pixel along track (i.e., 175 VII scans of 24 lines each). **Table 1** shows the sensing start time and the corresponding sub-satellite point location for these granules, while Figure 2-1 illustrates the ground track of the sub-satellite point. In this version of the test data package, only the nominal test scenario is considered (no missing input files, no gaps, auxiliary data within established validity time, etc.)

The selected granules cover a variety of basic scenarios suitable to test the overall VII L1B processor, including the following essential scenarios:

- Clear and cloudy scenes;
- Land, sea, and coastlines areas;
- Snow/ice covered areas;
- North polar areas;
- Day, twilight and night time illumination conditions.

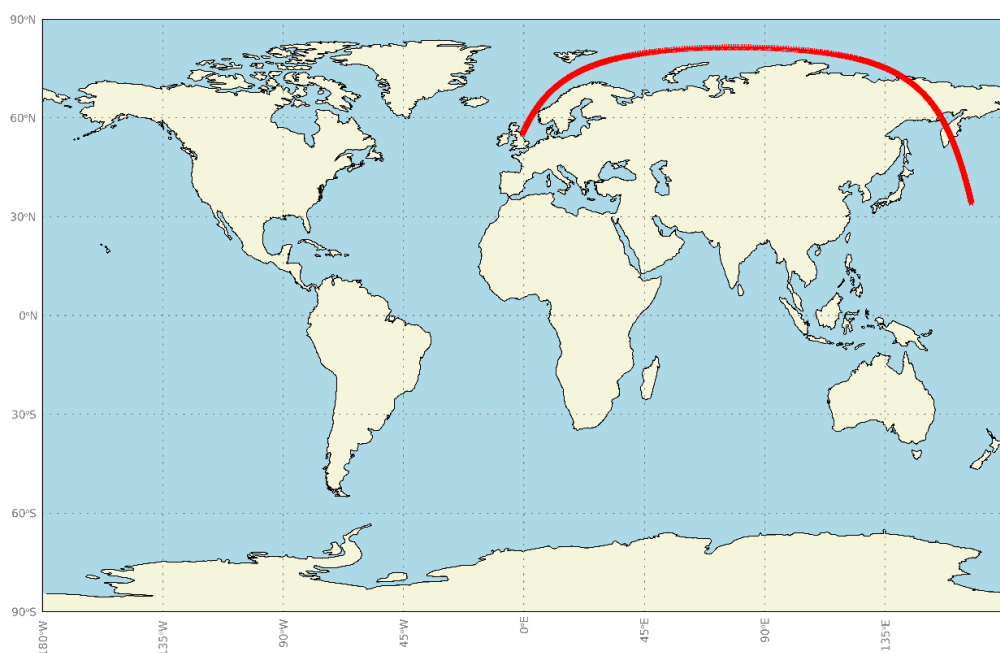


Figure 1: Illustration of the ground track of the EPS-SG sub-satellite point extracted from the METImage L1 granules selected for generating the test data V1.

Date & sensing start time of granule (yyyy-mm-ddThh-mm-ss)	Orbit number	Latitude of sub-satellite point at sensing start (deg)	Longitude of sub-satellite point at sensing start (deg)	Comments
2007-09-12T09-58-40	1	34.20313028949097	160.7800001996788	Night time
2007-09-12T10-03-43	1	51.74795109821829	147.7061529421657	Night time
2007-09-12T10-08-45	1	68.71420166617192	147.6279557641480	Twilight
2007-09-12T10-13-48	1	81.18845898335753	90.36042145722878	Twilight
2007-09-12T10-18-50	1	71.71638720090539	15.51916611682842	Daylight
2007-09-12T10-23-53	1	55.00210900287367	359.3886376089423	Daylight

Table 1: Specifics of the 12 METImage L1 granules selected for the test data generation.