**Solar-Geophysical Data**

http://www.swpc.noaa.gov/ftpmenu/lists.html

**GOES X-ray Data**

Date

- Gp : 2012.10.22. ~

- Gs : 2012.09.06. ~ 2012.10.23.

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| --- | --- |
| Remote Directory | http://www.swpc.noaa.gov/ftpdir/lists/xray/ |
| Latest Files | Gp\_xr\_1m.txt  Gp\_xr\_5m.txt  Gs\_xr\_1m.txt  Gs\_xr\_5m.txt |
| Data Files | yyyymmdd\_Gp\_xr\_1m.txt  yyyymmdd\_Gp\_xr\_5m.txt  yyyymmdd\_Gs\_xr\_1m.txt  yyyymmdd\_Gs\_xr\_5m.txt |

**GOES Energetic Proton and Electron Data**

Date : 2012. 10. 22. ~

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| --- | --- |
| Remote Directory | http://www.swpc.noaa.gov/ftpdir/lists/particle/ |
| Latest Files | Gp\_part\_5m.txt  Gs\_part\_5m.txt |
| Data Files | yyyymmdd\_Gp\_part\_5m.txt  yyyymmdd\_Gs\_part\_5m.txt |

**GOES Proton Channel Data**

Date : 2012. 10. 22. ~

|  |  |
| --- | --- |
| Remote Directory | http://www.swpc.noaa.gov/ftpdir/lists/pchan/ |
| Latest Files | Gp\_pchan\_5m.txt  Gs\_pchan\_5m.txt |
| Data Files | yyyymmdd\_Gp\_pchan\_5m.txt  yyyymmdd\_Gs\_pchan\_5m.txt |

**GOES Magnetometer and A/K Indices**

Date : 2012. 10. 22. ~

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| --- | --- |
| Remote Directory | http://www.swpc.noaa.gov/ftpdir/lists/geomag/ |
| Latest Files | Gp\_mag\_1m.txt  Gs\_mag\_1m.txt  AK.txt  7day\_AK.txt |
| Data Files | yyyymmdd\_Gp\_mag\_1m.txt  yyyymmdd\_Gs\_mag\_1m.txt  yyyymmAK.txt |