### GEOTAIL EPIC KP

#### May 12, 2002 (132)

<table>
<thead>
<tr>
<th>UT</th>
<th>X_{GSM}</th>
<th>Y_{GSM(GSE)}</th>
<th>Z_{GSM(GSE)}</th>
</tr>
</thead>
<tbody>
<tr>
<td>1200</td>
<td>10.0</td>
<td>4.7(4.6)</td>
<td>-1.0(-1.3)</td>
</tr>
<tr>
<td>1400</td>
<td>9.7</td>
<td>7.7(7.7)</td>
<td>0.1(-1.1)</td>
</tr>
<tr>
<td>1600</td>
<td>9.0</td>
<td>10.3(10.4)</td>
<td>1.5(-0.8)</td>
</tr>
<tr>
<td>1800</td>
<td>8.0</td>
<td>12.3(12.8)</td>
<td>3.7(-0.5)</td>
</tr>
<tr>
<td>2000</td>
<td>6.8</td>
<td>13.7(14.9)</td>
<td>5.8(-0.2)</td>
</tr>
<tr>
<td>2200</td>
<td>5.5</td>
<td>15.0(16.8)</td>
<td>7.5(0.2)</td>
</tr>
<tr>
<td>0000</td>
<td>4.4</td>
<td>16.2(18.2)</td>
<td>8.2(0.4)</td>
</tr>
</tbody>
</table>

- **67 keV H**
- **129 keV H**