## Active Prominences and Filaments

### June 2007

<table>
<thead>
<tr>
<th>Day</th>
<th>Event Start (UT)</th>
<th>End (UT)</th>
<th>Lat CMD</th>
<th>CMP</th>
<th>Blue Shift</th>
<th>Red Shift</th>
<th>Obs</th>
<th>NOAA/USAF Reg#</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>01</td>
<td>LPS 1528 0000</td>
<td>S10 E90</td>
<td>06 8.4</td>
<td>9</td>
<td>9</td>
<td>E</td>
<td>HOLL</td>
<td>S=1 C=1</td>
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<tr>
<td>01</td>
<td>LPS 1528 1645</td>
<td>S10 E90</td>
<td>06 8.4</td>
<td>9</td>
<td>9</td>
<td>E</td>
<td>HOLL</td>
<td>S=2 C</td>
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- **ADF** = Active Dark Filament
- **APS** = Arch Filament System
- **APR** = Active Prominence
- **ASR** = Active Surge Region
- **BSD** = Bright Surge on Disk

**BSL** = Bright Surge on Limb

**EPL** = Eruptive Prominence on Limb

**CAP** = CAP Prominence (Tandberg-Hanssen)

**CRN** = Coronal Rain

**DSD** = Dark Surge on Disk

**DSF** = Disappearing Solar Filament

**LPS** = Loops

**MDP** = Mound Prominence

**SDF/DSE** = Sudden Disappearing Filament

**SPY** = Spray

**SSB** = Solar Sector Boundary

For SOLAR SECTOR BOUNDARY REPORTS, the latitude field contains the Carrington longitude of the point where a neutral line crosses the solar equator. The comments field may contain the Carrington longitude and central meridian distance of two more intersection points.

The **EXTENT** field for limb events is the radial extent above the limb in hundreds of solar radius. For disk events this field contains the heliographic extent in whole degrees.

The remark "Bright Emission 1/3" indicates that bright emission was observed 1/3 of time.

The remark "Normal Emission 1/3" indicates that normal emission was observed 1/3 of time.

**Observation Type:** C = Cinematographic, E = Electronic, P = Photographic, V = Visual.

<table>
<thead>
<tr>
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<tbody>
<tr>
<td>ATHR</td>
<td>Athens</td>
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<td>BUCR</td>
<td>Bucharest</td>
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<tr>
<td>CATM</td>
<td>Catania</td>
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**HOLL** = Holloman

**LEAR** = Kharkov

**LEAR** = Learmonth

**PALE** = Palheus

**RAMY** = Ramey

**SVTO** = San Ysidro

**VORO** = Voroshilov

**VALE** = Valasské Meziříčí

**WROC** = Wrocław

**NOTE:** The U.S. Air Force solar observing sites (HOLL, LEAR, RAMY, AND SVTO) have changed operational requirements and will only report the following: BSL, EPL, LPS, SPY, and DSF's.