

# *Monthly Final Report*

## **MFR**

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### **CV-Helios Network**

**Monthly Final Report for January 2008**

**Solar Cycle 23: Month no. 139**

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| Memno.        | Name                           | Country                  | CV                       | Obs                     | K                        | Obs. Tot. |
|---------------|--------------------------------|--------------------------|--------------------------|-------------------------|--------------------------|-----------|
| CV-001        | MALDE, KJELL INGE              | NORWAY                   | 2,4                      | 15                      | 1,794                    | 5595      |
| CV-010        | DUBOIS, FRANKY                 | BELGIUM                  | 0,8                      | 18                      | 0,623                    | 5183      |
| CV-019        | JUNKER, ELMAR                  | GERMANY                  | 0,7                      | 6                       | 0,498                    | 2048      |
| CV-020        | HOLL, MANFRED                  | GERMANY                  | 3,7                      | 3                       | 2,741                    | 2850      |
| CV-021        | BARNES, HOWARD                 | NEW ZEALAND              | 0,9                      | 14                      | 0,694                    | 2834      |
| CV-022        | VIERTEL, ANDREAS               | GERMANY                  | 0,6                      | 15                      | 0,449                    | 3333      |
| CV-023        | BRETSCHNEIDER, HARTMUT         | GERMANY                  | 0,0                      | 6                       | 0,000                    | 2632      |
| CV-033        | SZULC, MIECZYSLAW              | POLAND                   | 1,3                      | 15                      | 0,997                    | 1184      |
| CV-034        | VVS BELGIUM,                   | BELGIUM                  | 0,8                      | 26                      | 0,612                    | 2872      |
| CV-036        | BROMME, HEIKO                  | GERMANY                  | 2,0                      | 1                       | 1,495                    | 738       |
| CV-038        | MORALES, GERMAN                | BOLIVIA                  | 3,2                      | 23                      | 2,373                    | 3223      |
| CV-040        | BATTAIOLA, ROBERTO             | ITALY                    | 0,0                      | 3                       | 0,000                    | 1260      |
| CV-044        | SCHRÖDER, GERD                 | GERMANY                  | 1,1                      | 18                      | 0,831                    | 1940      |
| CV-049        | MARTIN-SMITH, MICHAEL          | UNITED KINGDOM           | 0,0                      | 3                       | 0,000                    | 283       |
| CV-068        | THIMM, SVEN OVE                | DENMARK                  | 0,0                      | 3                       | 0,000                    | 1879      |
| CV-076        | LOADER, PAULINE                | NEW ZEALAND              | 0,9                      | 10                      | 0,673                    | 768       |
| CV-077        | JOHNSTON, ANDREW               | UNITED KINGDOM           | 1,0                      | 26                      | 0,776                    | 957       |
| CV-080        | JANSSENS, JAN                  | BELGIUM                  | 0,0                      | 3                       | 0,000                    | 288       |
| CV-082        | URBANSKI, PIOTR                | POLAND                   | 0,3                      | 15                      | 0,199                    | 1903      |
| CV-086        | TOS-POLAND                     | POLAND                   | 1,6                      | 31                      | 1,230                    | 3005      |
| CV-091        | DALEK, GRZEGORZ                | POLAND                   | 0,9                      | 17                      | 0,660                    | 1658      |
| CV-102        | MOSER, PAULO ROBERTO           | BRAZIL                   | 4,3                      | 17                      | 3,210                    | 850       |
| CV-103        | STEEN, OCTAAF                  | BELGIUM                  | 0,6                      | 19                      | 0,433                    | 1659      |
| CV-104        | MEEUS, LIEVE                   | BELGIUM                  | 1,1                      | 12                      | 0,810                    | 1082      |
| CV-105        | RYBACK, ALEXEY                 | RUSSIA                   | 1,0                      | 10                      | 0,748                    | 1346      |
| CV-107        | LEVENTHAL, MONTY               | AUSTRALIA                | 2,9                      | 19                      | 2,203                    | 1694      |
| CV-122        | FEIK, VLASTISLAV               | CZECH REPUBLIC           | 0,8                      | 12                      | 0,561                    | 1024      |
| CV-128        | NELIBA, VLASTIMIL              | CZECH REPUBLIC           | 0,2                      | 10                      | 0,150                    | 1259      |
| CV-130        | VARGAS, LUCIMARY               | BRAZIL                   | 1,8                      | 19                      | 1,338                    | 171       |
| CV-135        | ARAUJO, GEMA                   | SPAIN                    | 2,0                      | 26                      | 1,466                    | 1961      |
| CV-136        | GARCÍA, FAUSTINO               | SPAIN                    | 1,8                      | 21                      | 1,353                    | 1082      |
| CV-139        | ALONSO, JAVIER                 | SPAIN                    | 0,0                      | 9                       | 0,000                    | 718       |
| CV-146        | GONZÁLEZ COROAS, ANGEL ALBERTO | CUBA                     | 0,3                      | 31                      | 0,241                    | 1519      |
| CV-151        | CARELS, JEFFREY                | BELGIUM                  | 1,5                      | 11                      | 1,087                    | 370       |
| CV-157        | BUCK, ALAN                     | UNITED KINGDOM           | 2,2                      | 22                      | 1,631                    | 675       |
| CV-158        | DELFT, JACQUES VAN             | SOUTH AFRICA             | 0,1                      | 14                      | 0,107                    | 309       |
| CV-166        | DUFOER, SJOERD                 | BELGIUM                  | 0,0                      | 4                       | 0,000                    | 147       |
| CV-168        | SCHOTT, GERD LUTZ              | GERMANY                  | 0,9                      | 14                      | 0,641                    | 174       |
| CV-170        | GUARDAMINO, LEONCIO            | BRAZIL                   | 1,7                      | 19                      | 1,259                    | 19        |
| CV-171        | MALUF, WALTER JOSE             | BRAZIL                   | 5,3                      | 3                       | 3,987                    | 53        |
| CV-176        | GUBBELS, GUIDO                 | BELGIUM                  | 2,8                      | 8                       | 2,056                    | 119       |
| CV-177        | BACKER, HENDRIK DE             | BELGIUM                  | 0,8                      | 19                      | 0,590                    | 60        |
| CV-178        | MARIUZZA, FABIO                | ITALY                    | 0,4                      | 12                      | 0,311                    | 12        |
|               |                                |                          |                          |                         |                          |           |
|               |                                |                          |                          |                         |                          |           |
|               |                                |                          |                          |                         |                          |           |
|               |                                |                          |                          |                         |                          |           |
|               |                                |                          |                          |                         |                          |           |
|               |                                |                          |                          |                         |                          |           |
|               |                                |                          |                          |                         |                          |           |
|               |                                |                          |                          |                         |                          |           |
| <b>Totals</b> | <b>Observers</b><br><b>43</b>  | <b>Days</b><br><b>31</b> | <b>CV</b><br><b>1,27</b> | <b>No</b><br><b>602</b> | <b>K</b><br><b>0,949</b> |           |

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### Results

| Date             | CV          | Obsrvrs     | USAF        | std.dev.    | CV-6 rot.   | CV-13 rot.  |
|------------------|-------------|-------------|-------------|-------------|-------------|-------------|
| 1                | 2,4         | 19          | 0,39        | 1,44        | 3,93        | 9,41        |
| 2                | 6,5         | 29          | 2,22        | 3,04        | 3,97        | 9,36        |
| 3                | 6,7         | 15          | 2,29        | 3,09        | 4,01        | 9,30        |
| 4                | 3,6         | 19          | 0,83        | 1,95        | 4,03        | 9,28        |
| 5                | 3,6         | 16          | 0,85        | 1,96        | 4,05        | 9,26        |
| 6                | 0,2         | 24          |             |             | 4,06        | 9,24        |
| 7                | 0,4         | 18          |             |             | 4,06        | 9,23        |
| 8                | 0,5         | 22          |             |             | 4,02        | 9,22        |
| 9                | 0,1         | 18          |             |             | 3,98        | 9,21        |
| 10               | 1,3         | 19          | 0,06        | 0,86        | 3,97        | 9,19        |
| 11               | 0,4         | 21          |             |             | 3,97        | 9,13        |
| 12               | 0,1         | 25          |             |             | 3,97        | 9,06        |
| 13               | 0,0         | 19          |             |             | 3,97        | 8,99        |
| 14               | 0,0         | 19          |             |             | 3,96        | 8,93        |
| 15               | 0,0         | 16          |             |             | 3,93        | 8,91        |
| 16               | 0,0         | 21          |             |             | 3,89        | 8,87        |
| 17               | 0,0         | 21          |             |             | 3,83        | 8,83        |
| 18               | 0,0         | 9           |             |             | 3,79        | 8,77        |
| 19               | 0,0         | 14          |             |             | 3,70        | 8,64        |
| 20               | 0,0         | 15          |             |             | 3,65        | 8,51        |
| 21               | 0,0         | 16          |             |             | 3,62        | 8,38        |
| 22               | 0,0         | 25          |             |             | 3,60        | 8,26        |
| 23               | 0,0         | 21          |             |             | 3,58        | 8,11        |
| 24               | 0,1         | 18          |             |             | 3,58        | 7,98        |
| 25               | 0,0         | 22          |             |             | 3,58        | 7,87        |
| 26               | 0,0         | 30          |             |             | 3,58        | 7,78        |
| 27               | 0,0         | 25          |             |             | 3,58        | 7,69        |
| 28               | 0,0         | 15          |             |             | 3,58        | 7,60        |
| 29               | 0,5         | 12          |             |             | 3,58        | 7,56        |
| 30               | 5,3         | 20          | 1,59        | 2,60        | 3,61        | 7,54        |
| 31               | 9,1         | 19          | 3,64        | 3,85        | 3,67        | 7,55        |
| Totals/<br>Avrgs | <b>1,34</b> | <b>19,4</b> | <b>1,48</b> | <b>2,35</b> | <b>3,82</b> | <b>8,63</b> |

Updated 13.04.2018 19:31 UTC