COR1 Preliminary CME List

| STEREO SECCHI COR1-B |  |  |  |  |  |  |  | STEREO SECCHI COR1-A |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Date | Images/ <br> Event | UT | Comments | Star, Debris | Flares | MLSO? | $\begin{aligned} & \hline \text { A-B } \\ & \text { Ang } \\ & \text { Sep } \\ & {[\mathrm{deg}]} \end{aligned}$ | Date | Images/ <br> Event | UT | Comments | Star, Debris |
| 2008/04/01 | 201 | $\begin{aligned} & \hline 00: 05: 24- \\ & 23: 45: 42 \end{aligned}$ |  |  |  |  | 47.5 | 2008/04/01 | 165 | $\begin{aligned} & \hline 00: 05: 00- \\ & 23: 55: 18 \end{aligned}$ |  |  |
| 2008/04/01 | CME | 05:45 | NW, narrow ejection deflects towards equator |  |  |  |  | 2008/04/01 | CME | NA | Roll maneuver |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2008/04/02 | 143 | $\begin{aligned} & \hline 00: 15: 24- \\ & 23: 55: 43 \end{aligned}$ | HGA calibration |  |  |  | 47.6 | 2008/04/02 | 190 | $\begin{aligned} & \hline 00: 05: 00- \\ & 23: 55: 18 \end{aligned}$ | HGA calibration |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2008/04/03 | 262 | $\begin{aligned} & \hline 00: 05: 25- \\ & 23: 55: 43 \\ & \hline \end{aligned}$ |  |  |  |  | 47.7 | 2008/04/03 | 238 | $\begin{aligned} & \hline 00: 05: 00- \\ & 23: 55: 18 \\ & \hline \end{aligned}$ |  |  |
| 2008/04/03 | CME | 19:05 | SW, narrow and fanlike ejection |  |  |  |  | 2008/04/03 | CME | 21:05 | SW, fainter and wider in A |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2008/04/04 | 286 | $\begin{aligned} & \hline 00: 05: 25- \\ & 23: 55: 43 \end{aligned}$ | Some spitting |  |  |  | 47.7 | 2008/04/04 | 190 | $\begin{aligned} & \hline 00: 05: 00- \\ & 23: 55: 18 \end{aligned}$ | Some spitting |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2008/04/05 | 190 | $\begin{aligned} & \hline 00: 05: 25- \\ & 23: 55: 44 \end{aligned}$ |  |  |  |  | 47.8 | 2008/04/05 | 168 | $\begin{aligned} & \hline 00: 05: 00- \\ & 23: 55: 18 \end{aligned}$ |  |  |
| 2008/04/05 | CME? | 06:25 | SW, narrow eruption, faded in COR1 |  |  |  |  | 2008/04/05 | CME | NA | difficult to see in A |  |
| 2008/04/05 | CME | 16:05 | W, fast and wide eruption w/ragged trailing front |  |  |  |  | 2008/04/05 | CME | 16:05 | W, fast and wide eruption w/ragged trailing front |  |
| 2008/04/05 | CME | NA | Not seen in B |  |  |  |  | 2008/04/05 | CME? | 18:05 | W, narrow and faint FR rises? |  |
| 2008/04/05 | CME? | 20:45 | SW, narrow eruption, faded in COR1 |  |  |  |  | 2008/04/05 | CME? | 21:05 | SW, narrow erup- tion, faded in COR1 |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2008/04/06 | 216 | $\begin{aligned} & \hline 00: 05: 26- \\ & 23: 55: 44 \end{aligned}$ | Event continues from $04 / 05$ |  |  |  | 47.9 | 2008/04/06 | 238 | $\begin{aligned} & \hline 00: 05: 00- \\ & 23: 55: 18 \\ & \hline \end{aligned}$ | Event continues from 04/05 |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2008/04/07 | 286 | $\begin{aligned} & \hline 00: 05: 26- \\ & 23: 55: 44 \end{aligned}$ |  |  |  |  | 47.9 | 2008/04/07 | 144 | $\begin{aligned} & \hline 00: 05: 00- \\ & 23: 55: 18 \end{aligned}$ |  |  |
| 2008/04/07 | CME | 15:45 | NE, very faint in B |  |  |  |  | 2008/04/07 | CME | 15:45 | ENE, narrow loop rises w/c deflects towards equator, very slow |  |
|  |  |  |  |  |  |  |  |  |  |  | Continued on | next page |

COR1 Preliminary CME List - continued from previous page

| STEREO SECCHI COR1-B |  |  |  |  |  |  |  | STEREO SECCHI COR1-A |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Date | Images/ Event | UT | Comments | Star, Debris | Flares | MLSO? | $\begin{aligned} & \text { A-B } \\ & \text { Ang } \\ & \text { Sep } \\ & {[\mathrm{deg}]} \end{aligned}$ | Date | Images/ <br> Event | UT | Comments | Star, Debris |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2008/04/08 | 202 | $\begin{aligned} & \hline 00: 05: 26- \\ & 23: 55: 45 \end{aligned}$ | Event continues from 04/07, NE |  |  |  | 48.0 | 2008/04/08 | 250 | $\begin{aligned} & \hline 00: 05: 00- \\ & 23: 55: 18 \end{aligned}$ | Event continues from 04/07, NE |  |
| 2008/04/08 | CME | 04:25 | SE, small loop rises, slow |  |  |  |  | 2008/04/08 | CME | NA | Difficult to see in A |  |
| 2008/04/08 | CME | 16:25 | NW, very faint in B |  |  |  |  | 2008/04/08 | CME | 16:25 | NW, wide ragged front followed by narrow twisted loop w/c |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2008/04/09 | 206 | $\begin{aligned} & \hline 00: 05: 27- \\ & 23: 55: 45 \end{aligned}$ |  |  |  |  | 48.1 | 2008/04/09 | 147 | $\begin{aligned} & \hline 00: 05: 00- \\ & 23: 55: 18 \end{aligned}$ |  | $\begin{aligned} & \hline \text { Debris } \\ & 21: 25 \end{aligned}$ |
| 2008/04/09 | CME | 01:05 | NE, very faint in B |  |  |  |  | 2008/04/09 | CME | 01:05 | ENE, loop eruption w/concave out front, faint and slow |  |
| 2008/04/09 | CME | 09:45 | SW, ragged front w/bright prominence core, wider in B |  |  |  |  | 2008/04/09 | CME | 09:45 | SW, ragged front w/very bright unwinding prominence core |  |
| 2008/04/09 | CME | 13:25 | NE, narrow FR (?) rises |  |  |  |  | 2008/04/09 | CME | 14:25 | NE, narrow FR (?) rises |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2008/04/10 | 214 | $\begin{aligned} & \hline 00: 05: 27- \\ & 23: 55: 45 \end{aligned}$ | Some spitting |  |  |  | 48.1 | 2008/04/10 | 226 | $\begin{aligned} & \hline 00: 05: 00- \\ & 23: 55: 18 \end{aligned}$ | Some spitting |  |
| 2008/04/10 | CME | 20:05 | NE, cusp loop rises w/c, narrow and slow, the event continues to 04/12 |  |  |  |  | 2008/04/10 | CME | NA | Not seen in A |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2008/04/11 | 202 | $\begin{aligned} & \hline 00: 05: 27- \\ & 23: 55: 46 \end{aligned}$ | Event continues from 04/10, NE |  |  |  | 48.2 | 2008/04/11 | 250 | $\begin{aligned} & \hline 00: 05: 00- \\ & 23: 55: 18 \end{aligned}$ |  |  |
| 2008/04/11 | CME | 03:05 | W, very faint in B |  |  |  |  | 2008/04/11 | CME | 01:25 | W, faint and wide eruption |  |
| 2008/04/11 | CME | 18:05 | NE, narrow FR rises |  |  |  |  | 2008/04/11 | CME | 23:45 | NE, hardly seen in A |  |
| 2008/04/11 | CME? | 23:45 | WSW, FR rises? (faded in COR1 in next day) |  |  |  |  | 2008/04/11 | CME | NA | Not seen in A |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| Continued on next page |  |  |  |  |  |  |  |  |  |  |  |  |

COR1 Preliminary CME List - continued from previous page

| STEREO SECCHI COR1-B |  |  |  |  |  |  |  | STEREO SECCHI COR1-A |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Date | Images/ <br> Event | UT | Comments | Star, Debris | Flares | MLSO? | $\begin{aligned} & \hline \text { A-B } \\ & \text { Ang } \\ & \text { Sep } \\ & \text { [deg] } \end{aligned}$ | Date | Images/ <br> Event | UT | Comments | Star, <br> Debris |
| 2008/04/12 | 214 | $\begin{aligned} & \hline 00: 05: 28- \\ & 23: 55: 46 \end{aligned}$ | Events continue from 04/11, NE, WSW |  |  |  | 48.3 | 2008/04/12 | 144 | $\begin{aligned} & \hline 00: 05: 00- \\ & 23: 55: 18 \end{aligned}$ | Event continues from 04/11, NE |  |
| 2008/04/12 | CME | 08:45 | SE, faint and wide loop expands, very slow |  |  |  |  | 2008/04/12 | CME | 08:45 | SW, faint and wide loop expands w/c, very slow |  |
| 2008/04/12 | CME | 18:25? | SE, faint and wide loop expands (same evt as CME1?) |  |  |  |  | 2008/04/12 | CME | 18:25 | SSW, faint and wide loop expands (same evt as CME1?) |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2008/04/13 | 274 | $\begin{aligned} & \hline 00: 05: 28- \\ & 23: 55: 46 \end{aligned}$ | Event continues from 04/12, SE | $\begin{aligned} & \hline \text { Debris } \\ & 16: 55 \end{aligned}$ |  |  | 48.4 | 2008/04/13 | 156 | $\begin{aligned} & \hline 00: 05: 00- \\ & 23: 55: 18 \end{aligned}$ | Event continues from 04/12, S |  |
| 2008/04/13 | CME? | 04:25 | SSE, narrow FR? |  |  |  |  | 2008/04/13 | CME? | 04:25 | SSW, narrow FR? |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2008/04/14 | 144 | $\begin{aligned} & \hline 00: 05: 28- \\ & 23: 55: 47 \end{aligned}$ |  |  |  |  | 48.4 | 2008/04/14 | 286 | $\begin{aligned} & \hline 00: 05: 00- \\ & 23: 55: 18 \end{aligned}$ |  |  |
| 2008/04/14 | CME | 06:25 | NE, wide eruption w/o distinct front |  |  |  |  | 2008/04/14 | CME | NA | Not seen in A |  |
| 2008/04/14 | CME | 06:25 | W, very faint in B |  |  |  |  | 2008/04/14 | CME | 06:25 | NW, continued outflow w/faint loop front |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2008/04/15 | 108 | $\begin{aligned} & \hline 00: 05: 29- \\ & 23: 55: 47 \end{aligned}$ | Some spitting |  |  |  | 48.5 | 2008/04/15 | 166 | $\begin{aligned} & \hline 00: 05: 00- \\ & 23: 55: 18 \end{aligned}$ | Some spitting |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2008/04/16 | 144 | $\begin{aligned} & \hline 00: 05: 29- \\ & 23: 55: 47 \end{aligned}$ |  |  |  |  | 48.6 | 2008/04/16 | 168 | $\begin{aligned} & \hline 00: 05: 00- \\ & 23: 55: 18 \end{aligned}$ |  |  |
| 2008/04/16 | CME? | 03:35 | E, narrow FR? |  |  |  |  | 2008/04/16 | CME | NA | Difficult to see in A |  |
| 2008/04/16 | CME | 07:45 | E, loop w/concave out front expands, slow |  |  |  |  | 2008/04/16 | CME | NA | Difficult to see in A |  |
| 2008/04/16 | CME? | 21:35 | ENE, narrow eruption |  |  |  |  | 2008/04/16 | CME | NA | Difficult to see in A |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2008/04/17 | 286 | $\begin{aligned} & \hline 00: 05: 29- \\ & 23: 55: 48 \end{aligned}$ | $\begin{aligned} & \text { Strong spitting, E, } \\ & \text { early (CME?) } \end{aligned}$ |  |  |  | 48.7 | 2008/04/17 | 202 | $\begin{aligned} & \hline 00: 05: 00- \\ & 23: 55: 18 \end{aligned}$ | $\begin{aligned} & \text { Some spitting, SW, } \\ & 22: 05 \end{aligned}$ |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| Continued on next page |  |  |  |  |  |  |  |  |  |  |  |  |

COR1 Preliminary CME List - continued from previous page

| STEREO SECCHI COR1-B |  |  |  |  |  |  |  | STEREO SECCHI COR1-A |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Date | Images/ <br> Event | UT | Comments | Star, Debris | Flares | MLSO? | $\begin{aligned} & \text { A-B } \\ & \text { Ang } \\ & \text { Sep } \\ & {[\mathrm{deg}]} \end{aligned}$ | Date | Images/ <br> Event | UT | Comments | Star, <br> Debris |
| 2008/04/18 | 196 | $\begin{aligned} & \hline 00: 05: 30- \\ & 23: 55: 48 \end{aligned}$ |  |  |  |  | 48.7 | 2008/04/18 | 174 | $\begin{aligned} & \hline 00: 05: 00- \\ & 23: 55: 18 \end{aligned}$ |  |  |
| 2008/04/18 | CME? | 16:05 | SE, narrow ejection (FR?), faded within COR1 |  |  |  |  | 2008/04/18 | CME? | 16:05 | SW, narrow ejection (FR?), faded within COR1 |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2008/04/19 | 190 | $\begin{aligned} & \hline 00: 05: 30- \\ & 23: 55: 48 \end{aligned}$ |  |  |  |  | 48.8 | 2008/04/19 | 144 | $\begin{aligned} & \hline 00: 05: 00- \\ & 23: 55: 18 \end{aligned}$ |  | $\begin{aligned} & \hline \text { Debris } \\ & 06: 45 \end{aligned}$ |
| 2008/04/19 | CME | early | $\begin{array}{lrl} \hline \text { NE, } & \text { narrow } \\ \text { eruption } \mathrm{w} / \mathrm{c} \end{array} \text { loop }$ |  |  |  |  | 2008/04/19 | CME | early | NE, fainter and wider in A |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2008/04/20 | 216 | $\begin{aligned} & \hline 00: 05: 30- \\ & 23: 55: 49 \end{aligned}$ | Some spitting |  |  |  | 48.9 | 2008/04/20 | 168 | $\begin{aligned} & \hline 00: 05: 00- \\ & 23: 55: 18 \end{aligned}$ | Some spitting | Mercury enters NW |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2008/04/21 | 262 | $\begin{aligned} & \hline 00: 05: 31- \\ & 23: 55: 49 \end{aligned}$ |  |  |  |  | 49.0 | 2008/04/21 | 286 | $\begin{aligned} & \hline 00: 05: 00- \\ & 23: 55: 18 \end{aligned}$ |  | Mercury <br> transits <br> towards <br> E |
| 2008/04/21 | CME | 03:25 | Difficult to see in B |  |  |  |  | 2008/04/21 | CME | 03:25 | NW, small loop rises and deflects towards equator, very slow |  |
| 2008/04/21 | CME | NA | not seen in B |  |  |  |  | 2008/04/21 | CME? | 16:25 | WNW, narrow and fan-like ejection, faded within COR1 |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2008/04/22 | 144 | $\begin{aligned} & \hline 00: 05: 31- \\ & 23: 55: 49 \\ & \hline \end{aligned}$ | Spitting, SE, early (CME?) |  |  |  | 49.1 | 2008/04/22 | 286 | $\begin{aligned} & \hline 00: 05: 00- \\ & 23: 55: 18 \\ & \hline \end{aligned}$ | $\begin{aligned} & \text { Strong spitting, SE, } \\ & \text { early (CME?) } \end{aligned}$ | Mercury exits NE |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2008/04/23 | 214 | $\begin{aligned} & \hline 00: 05: 31- \\ & 23: 55: 50 \\ & \hline \end{aligned}$ | Some spitting |  |  |  | 49.2 | 2008/04/23 | 144 | $\begin{aligned} & \hline 00: 05: 00- \\ & 23: 55: 18 \\ & \hline \end{aligned}$ | Strong spitting in W |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2008/04/24 | 214 | $\begin{aligned} & \hline 00: 05: 32- \\ & 23: 55: 50 \end{aligned}$ |  |  |  |  | 49.3 | 2008/04/24 | 168 | $\begin{aligned} & \hline 00: 05: 00- \\ & 23: 55: 18 \end{aligned}$ |  |  |
| 2008/04/24 | CME | 04:45 | Difficult to see in B |  |  |  |  | 2008/04/24 | CME | 04:45 | NE, short eruption with nice 304 |  |
| 2008/04/24 | CME | 08:25 | $\begin{aligned} & \text { NE, narrow } \\ & \text { rises } \\ & \text { rise } \end{aligned}$ |  |  |  |  | 2008/04/24 | CME | 08:25 | ENE, narrow and faint $\mathrm{FR}(?)$ rises |  |
|  |  |  |  |  |  |  |  |  |  |  | Continued o | next page |

COR1 Preliminary CME List - continued from previous page

| STEREO SECCHI COR1-B |  |  |  |  |  |  |  | STEREO SECCHI COR1-A |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Date | Images/ <br> Event | UT | Comments | Star, Debris | Flares | MLSO? | $\begin{aligned} & \hline \text { A-B } \\ & \text { Ang } \\ & \text { Sep } \\ & {[\mathrm{deg}]} \end{aligned}$ | Date | Images/ <br> Event | UT | Comments | Star, Debris |
| 2008/04/25 | 214 | $\begin{aligned} & \hline 00: 05: 32- \\ & 23: 55: 51 \end{aligned}$ | Strong spitting in W, early |  |  |  | 49.4 | 2008/04/25 | 274 | $\begin{aligned} & \hline 00: 05: 00- \\ & 23: 55: 18 \end{aligned}$ |  | $\begin{aligned} & \hline \text { Debris } \\ & 01: 25 \end{aligned}$ |
| 2008/04/25 | CME | 01:25 | Difficult to see in B |  |  |  |  | 2008/04/25 | CME | 01:25 | E, faint and wide loop rises slowly |  |
| 2008/04/25 | CME | 12:45 | NW, faint loop rises, very slow |  |  |  |  | 2008/04/25 | CME | 12:45 | Difficult to see in A |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2008/04/26 | 202 | $\begin{aligned} & \hline 00: 05: 33- \\ & 23: 55: 51 \end{aligned}$ |  |  |  |  | 49.5 | 2008/04/26 | 144 | $\begin{aligned} & \hline 00: 05: 00- \\ & 23: 55: 18 \end{aligned}$ |  |  |
| 2008/04/26 | CME | 04:05 | NW, narrow ejection |  |  |  |  | 2008/04/26 | CME | 04:05 | NW, narrow ejection |  |
| 2008/04/26 | CME | 14:25 | Fast partial Halo, |  |  |  |  | 2008/04/26 | CME | 14:25 | E, fast, wide, and bright eruption |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2008/04/27 | 286 | $\begin{aligned} & \hline 00: 05: 33- \\ & 23: 55: 51 \end{aligned}$ |  |  |  |  | 49.6 | 2008/04/27 | 144 | $\begin{aligned} & \hline 00: 05: 00- \\ & 23: 55: 18 \end{aligned}$ |  |  |
| 2008/04/27 | CME | 11:05 | E, faint and slow loop rises w/concave out front |  |  |  |  | 2008/04/27 | CME | NA | Not seen in A |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2008/04/28 | 286 | $\begin{aligned} & \hline 00: 05: 33- \\ & 23: 55: 52 \end{aligned}$ | Quiet day |  |  |  | 49.6 | 2008/04/28 | 144 | $\begin{aligned} & \hline 00: 05: 00- \\ & 23: 55: 18 \end{aligned}$ | Quiet day |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2008/04/29 | 238 | $\begin{aligned} & \hline 00: 05: 34- \\ & 23: 55: 52 \end{aligned}$ |  |  |  |  | 49.7 | 2008/04/29 | 250 | $\begin{aligned} & \hline 00: 05: 00- \\ & 23: 55: 18 \end{aligned}$ |  |  |
| 2008/04/29 | CME | early | NW, narrow ejection |  |  |  |  | 2008/04/29 | CME | early | NW, narrow ejection |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2008/04/30 | 179 | $\begin{aligned} & \hline 00: 05: 34- \\ & 23: 55: 52 \end{aligned}$ | Quiet day |  |  |  | 49.8 | 2008/04/30 | 156 | $\begin{aligned} & \hline 00: 05: 00- \\ & 23: 55: 18 \end{aligned}$ | Some small activities and spitting |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |

