

## COR1 Preliminary CME List

| STEREO SECCHI COR1-B |                  |                       |  |                 | STEREO SECCHI COR1-A |       |                            |            |                  |                       |   |                 |
|----------------------|------------------|-----------------------|--|-----------------|----------------------|-------|----------------------------|------------|------------------|-----------------------|---|-----------------|
| Date                 | Images/<br>Event | UT                    | Comments   | Star,<br>Debris | Flares               | MLSO? | A-B<br>Ang<br>Sep<br>[deg] | Date       | Images/<br>Event | UT                    | Comments                                | Star,<br>Debris |
| 2010/09/01           | 287              | 00:05:00-<br>23:55:18 |  |                 |                      |       | 154.6                      | 2010/09/01 | 287              | 00:05:00-<br>23:55:18 |   |                 |
| 2010/09/01           | CME              | 10:06                 | SE, fast eruption<br>(backsi in B and<br>SOHO)       |                 |                      |       |                            | 2010/09/01 | CME              | 06:25                 | SW, fast eruption<br>(fr? SW 70 in A)   |                 |
| 2010/09/02           | 286              | 00:05:00-<br>23:55:18 |  |                 |                      |       | 154.8                      | 2010/09/02 | 286              | 00:05:00-<br>23:55:18 |   |                 |
| 2010/09/02           | CME              | 09:26                 | SE, fast erup-<br>tion (blimb/B and<br>backsi/SOHO)  |                 |                      |       |                            | 2010/09/02 | CME              | 09:25                 | SW, fast eruption<br>(fr: SWlimb? in A) |                 |
| 2010/09/02           | CME              | 16:06                 | SE, faint erup-<br>tion (blimb/B and<br>backsi/SOHO) |                 |                      |       |                            | 2010/09/02 | CME              | 15:45                 | SW, faint eruption<br>(fr: SWlimb?)     |                 |
| 2010/09/03           | 287              | 00:05:00-<br>23:55:18 |  |                 |                      |       | 154.9                      | 2010/09/03 | 287              | 00:05:00-<br>23:55:18 |   |                 |
| 2010/09/03           | CME?             | early                 | NNE, faint expan-<br>sion                            |                 |                      |       |                            | 2010/09/03 | CME?             | early                 | NNW, faint expan-<br>sion               |                 |
| 2010/09/03           | CME?             | 13:26                 | SE, hardly seen in B                                 |                 |                      |       |                            | 2010/09/03 | CME?             | 13:05                 | SW, spray-like erup-<br>tion            |                 |
| 2010/09/03           | CME              | 15:26                 | NW, fast eruption,<br>fr: N19W19/B2.8,<br>14:38      |                 |                      |       |                            | 2010/09/03 | CME              | 15:25                 | NE, fast eruption                       |                 |
| 2010/09/03           | CME?             | 21:46                 | NW, fast eruption,<br>fr: N20W22/B1.2,<br>22:03      |                 |                      |       |                            | 2010/09/03 | CME?             | 21:45                 | NE, fast eruption                       |                 |
| 2010/09/04           | 287              | 00:05:00-<br>23:55:18 |  |                 |                      |       | 155.1                      | 2010/09/04 | 287              | 00:05:00-<br>23:55:18 |   |                 |
| 2010/09/04           | CME              | 03:46                 | NW, fast eruption,<br>fr: N26W63?/B2.5,<br>03:17     |                 |                      |       |                            | 2010/09/04 | CME              | 03:45                 | NE, fast eruption                       |                 |
| 2010/09/04           | CME              | 08:26                 | E, fast eruption<br>(backsi)                         |                 |                      |       |                            | 2010/09/04 | CME              | 08:25                 | SW, fast eruption<br>(backsi)           |                 |
| 2010/09/04           | CME              | 14:46                 | NW, wide eruption,<br>fr: N22W87/B2.5,<br>14:31?     |                 |                      |       |                            | 2010/09/04 | CME              | 14:45                 | NE, wide eruption,<br>partial halo      |                 |

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| STEREO SECCHI COR1-B |                  |                       |  |                 | STEREO SECCHI COR1-A |       |                            |            |                  |                       |   |                 |
|----------------------|------------------|-----------------------|--|-----------------|----------------------|-------|----------------------------|------------|------------------|-----------------------|---|-----------------|
| Date                 | Images/<br>Event | UT                    | Comments   | Star,<br>Debris | Flares               | MLSO? | A-B<br>Ang<br>Sep<br>[deg] | Date       | Images/<br>Event | UT                    | Comments                                    | Star,<br>Debris |
| 2010/09/05           | 286              | 00:05:00-<br>23:55:18 |  |                 |                      |       | 155.3                      | 2010/09/05 | 286              | 00:05:00-<br>23:55:18 |   |                 |
| 2010/09/05           | CME              | 07:45                 | SE, fast and narrow eruption (backsi)              |                 |                      |       |                            | 2010/09/05 | CME              | 07:45                 | SW, fast and narrow eruption (backsi)       |                 |
| 2010/09/05           | CME?             | 15:45                 | NNE, narrow spray-like eruption                    |                 |                      |       |                            | 2010/09/05 | CME?             | 15:45                 | NNW, narrow spray-like eruption             |                 |
| 2010/09/05           | CME              | 23:45                 | SE, fast and narrow eruption (backsi)              |                 |                      |       |                            | 2010/09/05 | CME              | 23:45                 | SW, fast and narrow eruption (backsi)       |                 |
| 2010/09/06           | 286              | 00:05:00-<br>23:55:18 | SE, event continues from 09/05                     |                 |                      |       | 155.5                      | 2010/09/06 | 286              | 00:05:00-<br>23:55:18 | SW, event continues from 09/05              |                 |
| 2010/09/07           | 287              | 00:05:00-<br>23:55:18 |  |                 |                      |       | 155.6                      | 2010/09/07 | 287              | 00:05:00-<br>23:55:18 |   |                 |
| 2010/09/07           | CME?             | 02:45                 | W, faint FR rises?                                 |                 |                      |       |                            | 2010/09/07 | CME?             | 02:45                 | E, faint FR rises?                          |                 |
| 2010/09/07           | CME              | 06:25                 | SW, faint and narrow FR rises (304 limb EP)        |                 |                      |       |                            | 2010/09/07 | CME              | 06:25                 | SE, faint and narrow FR rises (304 limb EP) |                 |
| 2010/09/07           | CME?             | 14:25                 | SE, faint FR rises? (backsi)                       |                 |                      |       |                            | 2010/09/07 | CME?             | 14:25                 | SW, faint FR rises? (backsi)                |                 |
| 2010/09/07           | CME              | 15:05                 | W, FR w/concave front rises                        |                 |                      |       |                            | 2010/09/07 | CME              | 14:45                 | E, FR w/concave front rises                 |                 |
| 2010/09/08           | 287              | 00:05:00-<br>23:55:18 |  |                 |                      |       | 155.8                      | 2010/09/08 | 287              | 00:05:00-<br>23:55:18 |   |                 |
| 2010/09/08           | CME?             | 10:25                 | SE, faint and brief FR eruption                    |                 |                      |       |                            | 2010/09/08 | CME?             | 10:25                 | SW, faint and brief FR eruption             |                 |
| 2010/09/08           | CME              | 23:45                 | NNW, fast eruption, fr: C3.3/ N19W90, 23:05        |                 |                      |       |                            | 2010/09/08 | CME              | 23:45                 | NW, fast eruption                           |                 |
| 2010/09/09           | 286              | 00:05:00-<br>23:55:18 | NNW, event continues (partial halo)                |                 |                      |       | 156.0                      | 2010/09/09 | 286              | 00:05:00-<br>23:55:18 | NNW, event continues (partial halo)         |                 |
| 2010/09/09           | CME              | 18:25                 | NE, spray-like eruption (304 limb EP, backsi/SOHO) |                 |                      |       |                            | 2010/09/09 | CME              | 18:25                 | NW, spray-like eruption (304 limb EP)       |                 |

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| STEREO SECCHI COR1-B |                  |                       |  |                 |        |       |                            | STEREO SECCHI COR1-A |                  |                       |  |                 |  |
|----------------------|------------------|-----------------------|--|-----------------|--------|-------|----------------------------|----------------------|------------------|-----------------------|--|-----------------|--|
| Date                 | Images/<br>Event | UT                    | Comments   | Star,<br>Debris | Flares | MLSO? | A-B<br>Ang<br>Sep<br>[deg] | Date                 | Images/<br>Event | UT                    | Comments   | Star,<br>Debris |  |
| 2010/09/10           | 286              | 00:05:00-<br>23:55:18 | NE, event continues<br>from 09/09                                  |                 |        |       | 156.2                      | 2010/09/10           | 286              | 00:05:00-<br>23:55:18 | NW, event continues<br>from 09/09                                |                 |  |
| 2010/09/10           | CME              | 04:45                 | SE, spray-like erup-<br>tion (backsi)                              |                 |        |       |                            | 2010/09/10           | CME              | 04:45                 | SW, spray-like erup-<br>tion (backsi)                            |                 |  |
| 2010/09/10           | CME              | 11:25                 | NE, FR w/c erup-<br>tion (304 limb EP,<br>backsi/SOHO)             |                 |        |       |                            | 2010/09/10           | CME              | 11:25                 | NW, FR w/c erup-<br>tion (304 limb EP)                           |                 |  |
| 2010/09/10           | CME              | 17:26                 | SE, spray-like<br>and FR eruption<br>(304 limb EP,<br>backsi/SOHO) |                 |        |       |                            | 2010/09/10           | CME              | 17:05                 | SW, spray-like and<br>FR eruption (304<br>limb EP)               |                 |  |
| 2010/09/11           | 287              | 00:05:00-<br>23:55:18 | SE, event continues<br>from 09/10                                  |                 |        |       | 156.3                      | 2010/09/11           | 287              | 00:05:00-<br>23:55:18 | SW, event continues<br>from 09/10                                |                 |  |
| 2010/09/11           | CME?             | 00:16                 | NE, spray-like and<br>small FR? eruption<br>(304 limb EP)          |                 |        |       |                            | 2010/09/11           | CME?             | 00:30                 | NW, spray-like and<br>small FR? eruption<br>(304 limb EP)        |                 |  |
| 2010/09/11           | CME              | 00:46                 | NW, fast and bright<br>FR eruption, nice<br>304 EP                 |                 |        |       |                            | 2010/09/11           | CME              | 00:45                 | NE, fast and bright<br>FR eruption (SDO<br>304 EP N50E35)        |                 |  |
| 2010/09/11           | CME?             | 03:16                 | NW, small FR?<br>eruption (embed-<br>ded within the big<br>CME?)   |                 |        |       |                            | 2010/09/11           | CME?             | 03:10                 | NE, small FR?<br>eruption (embed-<br>ded within the big<br>CME?) |                 |  |
| 2010/09/11           | CME?             | 04:56                 | SW, small FR?<br>eruption (embed-<br>ded within the big<br>CME?)   |                 |        |       |                            | 2010/09/11           | CME?             | 04:50                 | SE, small FR?<br>eruption (embed-<br>ded within the big<br>CME?) |                 |  |
| 2010/09/11           | CME              | 16:46                 | ESE, fast and bright<br>eruption (backsi)                          |                 |        |       |                            | 2010/09/11           | CME              | 16:45                 | WSW, fast and<br>bright eruption<br>(backsi)                     |                 |  |
| 2010/09/12           | 287              | 00:05:00-<br>23:55:18 |  |                 |        |       | 156.5                      | 2010/09/12           | 287              | 00:05:00-<br>23:55:18 |  |                 |  |
| 2010/09/12           | CME              | 06:06                 | NE, faint eruption<br>(backsi)                                     |                 |        |       |                            | 2010/09/12           | CME              | 05:45                 | NW, faint eruption<br>(backsi)                                   |                 |  |

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| STEREO SECCHI COR1-B |                  |                   |   |                 | STEREO SECCHI COR1-A |       |                            |            |                  |                   |  |                 |
|----------------------|------------------|-------------------|---|-----------------|----------------------|-------|----------------------------|------------|------------------|-------------------|--|-----------------|
| Date                 | Images/<br>Event | UT                | Comments  | Star,<br>Debris | Flares               | MLSO? | A-B<br>Ang<br>Sep<br>[deg] | Date       | Images/<br>Event | UT                | Comments   | Star,<br>Debris |
| 2010/09/12           | CME?             | NA                | Not seen in B   |                 |                      |       |                            | 2010/09/12 | CME?             | 08:25             | NE, very faint FR rises? Only see Y-shape structure        |                 |
| 2010/09/13           | 287              | 00:05:00-23:55:18 |   |                 |                      |       | 156.7                      | 2010/09/13 | 287              | 00:05:00-23:55:18 |  |                 |
| 2010/09/13           | CME              | early             | NNE, faint FR rise (backsi)                             |                 |                      |       |                            | 2010/09/13 | CME              | early             | NNW, faint FR rise (backsi)                                |                 |
| 2010/09/13           | CME              | 05:45             | E, faint eruption (backsi)                              |                 |                      |       |                            | 2010/09/13 | CME              | 05:45             | W, faint eruption (backsi)                                 |                 |
| 2010/09/13           | CME?             | 14:35             | NNE, narrow eruption (backsi)                           |                 |                      |       |                            | 2010/09/13 | CME?             | 14:35             | NW, narrow eruption (backsi)                               |                 |
| 2010/09/14           | 287              | 00:05:00-23:55:18 |   |                 |                      |       | 156.9                      | 2010/09/14 | 287              | 00:05:00-23:55:18 |  |                 |
| 2010/09/14           | CME              | 06:06             | NNW, faint FR rises                                     |                 |                      |       |                            | 2010/09/14 | CME              | 08:05             | NNE, faint FR rises  |                 |
| 2010/09/14           | CME              | 12:46             | NNW, faint and fast eruption                            |                 |                      |       |                            | 2010/09/14 | CME              | 12:45             | N, faint and fast eruption                                 |                 |
| 2010/09/14           | CME              | 14:06             | NW, faint FR rises (better seen in COR2)                |                 |                      |       |                            | 2010/09/14 | CME              | 16:05             | NE, faint FR rises (better seen in COR2)                   |                 |
| 2010/09/14           | CME?             | 17:45             | SE, fan-like front swept out (backsi)                   |                 |                      |       |                            | 2010/09/14 | CME?             | 17:45             | SW, fan-like front swept out (backsi)                      |                 |
| 2010/09/15           | 287              | 00:05:00-23:55:18 |   |                 |                      |       | 157.0                      | 2010/09/15 | 287              | 00:05:00-23:55:18 |  |                 |
| 2010/09/15           | CME?             | 02:05             | NE, narrow and brief FR eruption? (backsi)              |                 |                      |       |                            | 2010/09/15 | CME?             | 02:05             | NW, narrow and brief FR eruption? (backsi)                 |                 |
| 2010/09/15           | CME              | 10:46             | NW, nice FR w/twisted core erupts, nice 304 back/lim EP |                 |                      |       |                            | 2010/09/15 | CME              | 11:45             | NE, nice FR w/c erupts, nice 304 disk EP, nice SDO limb EP |                 |
| 2010/09/16           | 287              | 00:05:00-23:55:18 | Some small activities                                   |                 |                      |       | 157.2                      | 2010/09/16 | 287              | 00:05:00-23:55:18 | Some small activities                                      |                 |

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| STEREO SECCHI COR1-B |                  |                       |   |                 | STEREO SECCHI COR1-A |       |                            |            |                  |                       |   |                 |
|----------------------|------------------|-----------------------|---|-----------------|----------------------|-------|----------------------------|------------|------------------|-----------------------|---|-----------------|
| Date                 | Images/<br>Event | UT                    | Comments  | Star,<br>Debris | Flares               | MLSO? | A-B<br>Ang<br>Sep<br>[deg] | Date       | Images/<br>Event | UT                    | Comments  | Star,<br>Debris |
| 2010/09/17           | 287              | 00:05:00-<br>23:55:18 |   |                 |                      |       | 157.4                      | 2010/09/17 | 287              | 00:05:00-<br>23:55:18 |   |                 |
| 2010/09/17           | CME?             | early                 | SW, narrow and faint eruption                             |                 |                      |       |                            | 2010/09/17 | CME?             | early                 | SE, narrow and faint eruption   |                 |
| 2010/09/17           | CME?             | 07:05                 | E, brief eruption w/fan-like front swept out              |                 |                      |       |                            | 2010/09/17 | CME?             | 07:05                 | SW, only see very faint fan-like front swept out                      |                 |
| 2010/09/18           | 286              | 00:05:00-<br>23:55:18 | Quiet day   |                 |                      |       | 157.6                      | 2010/09/18 | 286              | 00:05:00-<br>23:55:18 | Quiet day   |                 |
| 2010/09/19           | 286              | 00:05:00-<br>23:55:18 |   |                 |                      |       | 157.8                      | 2010/09/19 | 286              | 00:05:00-<br>23:55:18 |   |                 |
| 2010/09/19           | CME?             | 06:45                 | NE, FR rises in spray-like outflow? (backsi)              |                 |                      |       |                            | 2010/09/19 | CME?             | 06:45                 | NW, FR rises in spray-like outflow? (backsi)                          |                 |
| 2010/09/19           | CME              | 23:25                 | SW, very faint FR rises                                   |                 |                      |       |                            | 2010/09/19 | CME              | 23:25                 | SE, very faint FR rises   |                 |
| 2010/09/20           | 287              | 00:05:00-<br>23:55:18 | SW, event continues from 09/19; Spitting, NE, 11:46, CME? |                 |                      |       | 157.9                      | 2010/09/20 | 287              | 00:05:00-<br>23:55:18 | SE, event continues from 09/19; Spitting, NW, 11:46, CME?             |                 |
| 2010/09/21           | 286              | 00:05:00-<br>23:55:18 | Quiet day   |                 |                      |       | 158.1                      | 2010/09/21 | 286              | 00:05:00-<br>23:55:18 | Quiet day except small rotating FR? sitting on SE                     |                 |
| 2010/09/22           | 286              | 00:05:00-<br>23:55:18 |   |                 |                      |       | 158.3                      | 2010/09/22 | 286              | 00:05:00-<br>23:55:18 |   |                 |
| 2010/09/22           | CME?             | 05:05                 | NNE, fast and faint eruption?                             |                 |                      |       |                            | 2010/09/22 | CME?             | 05:05                 | NNE, fast and faint eruption?   |                 |
| 2010/09/22           | CME              | 05:45                 | NW, hardly seen in B, nice 304 limb EP                    |                 |                      |       |                            | 2010/09/22 | CME              | 05:45                 | NE, faint (multiple?) FR eruption, nice 304 back EP, SDO EP ( N20E40) |                 |
| 2010/09/22           | CME              | 15:25                 | NNW, narrow FR eruption, 304 EP                           |                 |                      |       |                            | 2010/09/22 | CME              | 15:25                 | NNE, narrow FR eruption, 304 EP                                       |                 |

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| STEREO SECCHI COR1-B |                  |                       |  |                 |        |       |                            | STEREO SECCHI COR1-A |                  |                       |  |                 |
|----------------------|------------------|-----------------------|--|-----------------|--------|-------|----------------------------|----------------------|------------------|-----------------------|--|-----------------|
| Date                 | Images/<br>Event | UT                    | Comments                                       | Star,<br>Debris | Flares | MLSO? | A-B<br>Ang<br>Sep<br>[deg] | Date                 | Images/<br>Event | UT                    | Comments                                 | Star,<br>Debris |
| 2010/09/23           | 286              | 00:05:00-<br>23:55:18 |  |                 |        |       | 158.5                      | 2010/09/23           | 286              | 00:05:00-<br>23:55:18 |  |                 |
| 2010/09/23           | CME?             | 23:05                 | NE, brief FR erupts?                           |                 |        |       |                            | 2010/09/23           | CME?             | 23:05                 | NW, brief FR erupts?                     |                 |
| 2010/09/24           | 286              | 00:05:00-<br>23:55:18 | Quiet day                                      |                 |        |       | 158.6                      | 2010/09/24           | 286              | 00:05:00-<br>23:55:18 | Quiet day                                |                 |
| 2010/09/25           | 285              | 00:05:00-<br>23:55:18 | Quiet day                                      |                 |        |       | 158.8                      | 2010/09/25           | 285              | 00:05:00-<br>23:55:18 | Quiet day                                |                 |
| 2010/09/26           | 287              | 00:05:00-<br>23:55:18 | Quiet day                                      |                 |        |       | 159.0                      | 2010/09/26           | 287              | 00:05:00-<br>23:55:18 | Quiet day                                |                 |
| 2010/09/27           | 286              | 00:05:00-<br>23:55:18 |  |                 |        |       | 159.2                      | 2010/09/27           | 286              | 00:05:00-<br>23:55:18 |  |                 |
| 2010/09/27           | CME              | early                 | SE, hardly seen in B                           |                 |        |       |                            | 2010/09/27           | CME              | early                 | SE, faint FR rises (better seen in COR2) |                 |
| 2010/09/27           | CME              | 06:05                 | NW, narrow eruption                            |                 |        |       |                            | 2010/09/27           | CME              | 06:05                 | NE, narrow eruption                      |                 |
| 2010/09/27           | CME              | NA                    | Not seen in B                                  |                 |        |       |                            | 2010/09/27           | CME              | 18:05                 | E, faint eruption (FR?)                  |                 |
| 2010/09/28           | 287              | 00:05:00-<br>23:55:18 |  |                 |        |       | 159.4                      | 2010/09/28           | 287              | 00:05:00-<br>23:55:18 |  |                 |
| 2010/09/28           | CME?             | 03:25                 | SW, spray-like eruption                        |                 |        |       |                            | 2010/09/28           | CME?             | 03:25                 | SE, spray-like eruption                  |                 |
| 2010/09/28           | CME              | 06:26                 | SE, narrow FR eruption (304 limb EP)           |                 |        |       |                            | 2010/09/28           | CME              | 04:05                 | SW, narrow FR erupts (304 limb EP)       |                 |
| 2010/09/28           | CME              | 10:05                 | NW, wide FR(?) erupts, flr: C17/ N21W21? 09:28 |                 |        |       |                            | 2010/09/28           | CME              | 10:05                 | NE, wide FR(?) erupts                    |                 |

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