

#GMS	Date	Time	DST	Org	Date	Time	Spd	Loc	I G Richardson/H V Cane (CR03*) association (?=unclear)+Comments	
<a href="#">1996/10/23</a>	05:00	-105	CIR							OK
<a href="#">1997/04/22</a>	00:00	-107	CME	<a href="#">04/16</a>	<a href="#">07:35</a>	87	S30E19		? Stated event implies slow Vtransit (~350 km/s)	
<a href="#">1997/05/15</a>	13:00	-115	CME	<a href="#">05/12</a>	<a href="#">05:30</a>	464	N21W08			OK
<a href="#">1997/10/11</a>	04:00	-130	CME	<a href="#">10/06</a>	<a href="#">15:28</a>	293	S54E46		CME OK, location (no flare)?	OK
<a href="#">1997/11/07</a>	12:00	-110	CME	<a href="#">11/04</a>	<a href="#">06:10</a>	785	S14W33			OK
<a href="#">1997/11/23</a>	13:00	-108	CME	<a href="#">11/19</a>	<a href="#">12:27</a>	150	N20E05		CME OK	
<a href="#">1998/02/18</a>	01:00	-100	CME	<a href="#">02/14</a>	<a href="#">06:55</a>	123	S24E23		CME OK (no flare)	
<a href="#">1998/03/11</a>	00:00	-116	TBD						CIR	
<a href="#">1998/05/04</a>	13:00	-205	CME	<a href="#">04/29</a>	<a href="#">16:58</a>	1374	S18E20		98/05/02 1406	
<a href="#">1998/06/26</a>	05:00	-101	CME	<a href="#">06/21</a>	<a href="#">05:35</a>	192	N15W30		? (Associate THIS CME with previous ICME)	
<a href="#">1998/10/19</a>	16:00	-112	CME	<a href="#">10/15</a>	<a href="#">10:04</a>	262	N22W01		CME OK (no flare)	
<a href="#">1998/11/08</a>	12:00	-149	CME	<a href="#">11/05</a>	<a href="#">20:44</a>	1118	N22W18			OK
<a href="#">1998/11/14</a>	04:00	-131	CME	<a href="#">11/09</a>	<a href="#">18:17</a>	325	N18W02		CME OK (no flare)	
Missing events										
<a href="#">1999/10/22</a>	12:00	-237	CME	<a href="#">10/20</a>	<a href="#">06:26</a>	327	S30E15		ICME/CIR; 10/18 0026 CME; activity at time of 10/20 CME appears to be far west, not E15	
<a href="#">2000/02/17</a>	12:00	-133	CME	<a href="#">02/08</a>	<a href="#">09:30</a>	1079	N25E26		00/02/10 0230 CME (+SEP) N25 E03	
<a href="#">2000/04/07</a>	01:00	-288	CME	<a href="#">04/04</a>	<a href="#">16:32</a>	1188	N16W66		Western event, but halo does surround occulter	OK
<a href="#">2000/05/24</a>	13:00	-147	CME	<a href="#">05/22</a>	<a href="#">01:26</a>	737	S20W48		00/05/21 0726 CME/N15 E00? Also CIR?	
<a href="#">2000/07/16</a>	02:00	-301	CME	<a href="#">07/14</a>	<a href="#">10:54</a>	1674	N22W07			OK
<a href="#">2000/08/11</a>	07:00	-106	CME	<a href="#">08/08</a>	<a href="#">15:54</a>	867	S20W30		00/08/06 1830? (V transit too high for stated event)	
<a href="#">2000/08/12</a>	12:00	-235	CME	<a href="#">08/09</a>	<a href="#">16:30</a>	702	N11W11			OK
<a href="#">2000/09/18</a>	00:00	-201	CME	<a href="#">09/16</a>	<a href="#">05:18</a>	1215	N14W07		Multiple events; 9/16/0518 is most impressive	OK
<a href="#">2000/10/04</a>	21:00	-143	CME	<a href="#">09/30</a>	<a href="#">18:06</a>	703	S20E42		? 9/29/2150?	
<a href="#">2000/10/05</a>	14:00	-182	CME	<a href="#">10/02</a>	<a href="#">03:50</a>	525	S09E07		10/02/2026	
<a href="#">2000/10/14</a>	15:00	-107	CME	<a href="#">10/09</a>	<a href="#">23:50</a>	798	N01W14			OK
<a href="#">2000/10/29</a>	04:00	-127	CME	<a href="#">10/25</a>	<a href="#">08:26</a>	770	N17W70		G. Lawrence noted EIT activity from W27=>limb	OK
<a href="#">2000/11/07</a>	02:00	-159	CME	<a href="#">11/03</a>	<a href="#">18:26</a>	291	N02W02		? but also favor 11/03 CME	OK
<a href="#">2000/11/29</a>	14:00	-119	CME	<a href="#">11/26</a>	<a href="#">17:06</a>	980	N18W38		? (multiple CMES)	
<a href="#">2001/03/19</a>	22:00	-105	CME	<a href="#">03/16</a>	<a href="#">03:50</a>	271	N11W09			OK
<a href="#">2001/03/31</a>	12:00	-387	CME	<a href="#">03/29</a>	<a href="#">10:26</a>	942	N20W19		3/28/1250, though SEP associated with stated CME	OK?
<a href="#">2001/04/12</a>	00:00	-271	CME	<a href="#">04/10</a>	<a href="#">05:30</a>	2411	S23W09			OK
<a href="#">2001/04/18</a>	07:00	-101	CME	<a href="#">04/15</a>	<a href="#">14:06</a>	1199	S20W58		?/Flare with this CME is at W85 - glancing blow?	OK?
<a href="#">2001/04/22</a>	16:00	-102	CME	<a href="#">04/19</a>	<a href="#">12:30</a>	392	N13W38		?	
<a href="#">2001/08/18</a>	02:00	-105	CME	<a href="#">08/14</a>	<a href="#">16:01</a>	618	N16W36			OK
<a href="#">2001/09/26</a>	02:00	-102	CME	<a href="#">09/24</a>	<a href="#">10:30</a>	2402	S12E23		SEP consistent with CME	OK
<a href="#">2001/10/01</a>	12:00	-148	CME	<a href="#">09/28</a>	<a href="#">08:54</a>	846	N10E18			OK
<a href="#">2001/10/03</a>	15:00	-166	CME	<a href="#">09/29</a>	<a href="#">11:54</a>	509	N13E03			OK
<a href="#">2001/10/22</a>	00:00	-187	CME	<a href="#">10/19</a>	<a href="#">01:27</a>	558	N16W18		10/19/1650	OK?
<a href="#">2001/10/23</a>	01:00	-165	CME	<a href="#">10/19</a>	<a href="#">16:50</a>	901	N15W29		May be same ICME /may include multiple CMES	OK?
<a href="#">2001/10/28</a>	12:00	-157	CME	<a href="#">10/25</a>	<a href="#">15:26</a>	1092	S16W21			OK
<a href="#">2001/11/06</a>	16:00	-218	CME	<a href="#">11/04</a>	<a href="#">16:35</a>	1810	N06W18			OK
<a href="#">2001/11/24</a>	17:00	-221	CME	<a href="#">11/22</a>	<a href="#">23:30</a>	1437	S17W36			OK
<a href="#">2002/03/24</a>	10:00	-100	CME	<a href="#">03/20</a>	<a href="#">17:54</a>	603	S17W20			OK
<a href="#">2002/04/18</a>	12:00	-127	CME	<a href="#">04/15</a>	<a href="#">03:50</a>	720	S15W01			OK
<a href="#">2002/04/20</a>	12:00	-149	CME	<a href="#">04/17</a>	<a href="#">08:26</a>	1240	S14W34			OK
<a href="#">2002/05/12</a>	01:00	-110	CME	<a href="#">05/08</a>	<a href="#">13:50</a>	614	S20W07		Not in CR03 list	OK
<a href="#">2002/05/24</a>	00:00	-109	CME	<a href="#">05/22</a>	<a href="#">03:50</a>	1557	S30W34			OK
<a href="#">2002/08/02</a>	06:00	-102	CME	<a href="#">07/29</a>	<a href="#">12:07</a>	562	N10W15			OK
<a href="#">2002/09/08</a>	01:00	-181	CME	<a href="#">09/05</a>	<a href="#">16:54</a>	1748	N04W28			OK
<a href="#">2002/10/01</a>	17:00	-176	CME	<a href="#">09/28</a>	<a href="#">11:06</a>	678	N12E33		Not in CR03; probable ICME; CME 79 deg width	Unclear
<a href="#">2002/10/04</a>	13:00	-146	CME	<a href="#">10/02</a>	<a href="#">07:31</a>	903	S18E20		Slow in-situ speed/shock time argue against this CME	
<a href="#">2002/11/21</a>	12:00	-128	CIR							OK
<a href="#">2003/05/30</a>	03:00	-131	CME	<a href="#">05/28</a>	<a href="#">00:50</a>	1366	S07W17		Complicated IP and CME conditions	Multiple?
<a href="#">2003/06/18</a>	12:00	-145	CME	<a href="#">06/15</a>	<a href="#">23:54</a>	2053	S07E80?		Shock enhancement of preceding ICME Bs; shock associated with this ICME arrives late on 06/16; unlikely to be associated with this CME; Also CIR? May include transient material	
<a href="#">2003/07/16</a>	13:00	-117	CIR							
<a href="#">2003/08/18</a>	16:00	-168	CME	<a href="#">08/14</a>	<a href="#">20:06</a>	378	S10E02		G. Lawrence reported backside, though agree that frontside activity is evident	OK
<a href="#">2003/10/29</a>	10:00	-180	CME	<a href="#">10/26</a>	<a href="#">17:54</a>	1537	N02W38		10/28/1130 CME (immediately post-shock)	
<a href="#">2003/10/30</a>	01:00	-363	CME	<a href="#">10/28</a>	<a href="#">11:30</a>	2459	S16E08			OK
<a href="#">2003/10/31</a>	00:00	-401	CME	<a href="#">10/29</a>	<a href="#">20:54</a>	2029	S15W02			OK
<a href="#">2003/11/21</a>	00:00	-472	CME	<a href="#">11/18</a>	<a href="#">08:50</a>	1660	N00E18			OK

\*CR03="Interplanetary coronal mass ejections in the near-Earth solar wind during 1996-2002", H. V. Cane and I. G. Richardson, J. Geophys. Res., 108 No. 4, 10.1029/2002JA009817, 2003.