

K nejsilnějším projevům sluneční aktivity v květnu 2016 patřily tyto erupce:

| Datum | Čas počátku | Konec | Maximum | X | Souřadnice | (NOAA) |
|--------------|--------------------|--------------|----------------|----------|-------------------|---------------|
| 2016/05/01 | 09:14:00 | 09:27:00 | 09:22:00 | C2.4 | N18E34 | (12539) |
| 2016/05/01 | 23:30:00 | 23:47:00 | 23:38:00 | C2.5 | N18E27 | (12539) |
| 2016/05/02 | 08:32:00 | 08:47:00 | 08:42:00 | C3.5 | N21E33 | (12540) |
| 2016/05/04 | 13:41:00 | 14:07:00 | 13:51:00 | C1.3 | N06W61 | (12535) |
| 2016/05/04 | 22:43:00 | 22:51:00 | 22:48:00 | C1.7 | N12E73 | |
| 2016/05/07 | 17:04:00 | 17:24:00 | 17:13:00 | C1.9 | N04E05 | (12541) |
| 2016/05/14 | 09:21:00 | 09:34:00 | 09:31:00 | C2.5 | S06W55 | (12543) |
| 2016/05/14 | 09:26:00 | 09:34:00 | 09:31:00 | C2.8 | S06W56 | (12543) |
| 2016/05/14 | 11:28:00 | 11:37:00 | 11:34:00 | C8.4 | S06W56 | (12543) |
| 2016/05/14 | 15:15:00 | 15:22:00 | 15:19:00 | C5.4 | S06W59 | (12543) |
| 2016/05/15 | 03:58:00 | 04:16:00 | 04:08:00 | C5.2 | S05W68 | (12543) |
| 2016/05/15 | 04:57:00 | 05:05:00 | 05:02:00 | C1.4 | N22W02 | (12544) |
| 2016/05/15 | 08:18:00 | 08:29:00 | 08:24:00 | C3.1 | S05W71 | (12543) |
| 2016/05/15 | 09:47:00 | 09:54:00 | 09:51:00 | C1.3 | N21W05 | (12544) |
| 2016/05/15 | 09:48:00 | 09:54:00 | 09:51:00 | C1.3 | N21W05 | (12544) |
| 2016/05/15 | 11:51:00 | 12:04:00 | 11:59:00 | C1.2 | N21W05 | (12544) |
| 2016/05/15 | 13:55:00 | 14:06:00 | 14:00:00 | C1.2 | N21W07 | (12544) |
| 2016/05/15 | 15:00:00 | 17:45:00 | 16:03:00 | C3.4 | N21W06 | (12544) |
| 2016/05/15 | 15:19:00 | 17:33:00 | 16:03:00 | C3.2 | N21W06 | (12544) |
| 2016/05/15 | 19:10:00 | 19:17:00 | 19:13:00 | C1.5 | N20W11 | (12544) |
| 2016/05/16 | 00:51:00 | 01:07:00 | 00:58:00 | C1.1 | N18W18 | (12544) |
| 2016/05/16 | 15:21:00 | 15:30:00 | 15:25:00 | C1.9 | N19W20 | (12544) |
| 2016/05/17 | 04:00:00 | 04:10:00 | 04:08:00 | C1.2 | N09W89 | (12542) |
| 2016/05/21 | 13:55:00 | 14:07:00 | 14:00:00 | C1.0 | S09W18 | (12546) |
| 2016/05/24 | 10:16:00 | 10:23:00 | 10:20:00 | C1.3 | S07W57 | (12546) |
| 2016/05/26 | 13:31:00 | 13:36:00 | 13:34:00 | C1.1 | N13W30 | (12548) |
| 2016/05/26 | 13:45:00 | 13:57:00 | 13:51:00 | C1.0 | S09W89 | (12546) |
| 2016/05/30 | 07:33:00 | 07:42:00 | 07:37:00 | C1.4 | N13W20 | (12550) |
| 2016/05/30 | 13:18:00 | 13:28:00 | 13:24:00 | C1.0 | N14W23 | (12550) |