

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

| Datum | Čas počátku | Konec | Maximum | X | Souřadnice | (NOAA) |
|--------------|--------------------|--------------|----------------|----------|-------------------|---------------|
| 2016/08/05 | 10:08:00 | 10:14:00 | 10:12:00 | C1.4 | N05E89 | |
| 2016/08/07 | 05:28:00 | 05:40:00 | 05:35:00 | C1.3 | N13W09 | (12571) |
| 2016/08/07 | 10:18:00 | 10:29:00 | 10:24:00 | C1.6 | S17W87 | |
| 2016/08/07 | 13:28:00 | 13:49:00 | 13:38:00 | C2.4 | N11W69 | (12572) |
| 2016/08/07 | 14:37:00 | 14:48:00 | 14:44:00 | M1.3 | S15W88 | |
| 2016/08/07 | 15:03:00 | 15:16:00 | 15:09:00 | C8.5 | N05E89 | |
| 2016/08/07 | 20:00:00 | 20:27:00 | 20:11:00 | C1.0 | N05E89 | |
| 2016/08/07 | 21:43:00 | 21:56:00 | 21:49:00 | C2.0 | S16W71 | |
| 2016/08/07 | 22:26:00 | 22:40:00 | 22:32:00 | C5.6 | N13W18 | (12571) |
| 2016/08/08 | 02:35:00 | 03:17:00 | 03:01:00 | C3.3 | N11W76 | (12572) |
| 2016/08/08 | 07:34:00 | 07:43:00 | 07:37:00 | C1.6 | S20W87 | |
| 2016/08/08 | 08:36:00 | 08:44:00 | 08:44:00 | C2.8 | N12W88 | (12572) |
| 2016/08/08 | 09:05:00 | 09:27:00 | 09:21:00 | C3.1 | N15W79 | (12570) |
| 2016/08/08 | 10:36:00 | 10:50:00 | 10:44:00 | C5.6 | N03E85 | (12573) |
| 2016/08/08 | 14:51:00 | 16:18:00 | 15:13:00 | B9.8 | N14W80 | (12570) |
| 2016/08/08 | 14:53:00 | 16:18:00 | 15:13:00 | B9.8 | N14W81 | (12570) |
| 2016/08/08 | 20:13:00 | 20:46:00 | 20:18:00 | C1.7 | N14W31 | (12571) |
| 2016/08/09 | 00:34:00 | 00:52:00 | 00:42:00 | C8.9 | S08E82 | (12576) |
| 2016/08/09 | 08:47:00 | 09:00:00 | 08:55:00 | C2.5 | N03E89 | |
| 2016/08/11 | 16:32:00 | 17:03:00 | 16:44:00 | C2.4 | N02E31 | (12573) |
| 2016/08/14 | 19:29:00 | 19:39:00 | 19:36:00 | C1.1 | N06E78 | |
| 2016/08/15 | 00:17:00 | 00:29:00 | 00:23:00 | C1.1 | N07E74 | (12578) |
| 2016/08/28 | 21:25:00 | 21:30:00 | 21:28:00 | C1.0 | N13W50 | (12583) |
| 2016/08/29 | 03:34:00 | 04:02:00 | 03:46:00 | C2.2 | N13W51 | (12583) |
| 2016/08/29 | 04:20:00 | 04:36:00 | 04:27:00 | C1.3 | N13W55 | (12583) |
| 2016/08/29 | 17:33:00 | 17:38:00 | 17:36:00 | C1.1 | N14W58 | (12583) |
| 2016/08/30 | 22:41:00 | 22:48:00 | 22:45:00 | C1.5 | N10W62 | (12578) |
| 2016/08/31 | 08:12:00 | 08:26:00 | 08:19:00 | C1.1 | N12W85 | (12583) |

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

| Datum | Čas počátku | Konec | Maximum | X | Souřadnice | (NOAA) |
|--------------|--------------------|--------------|----------------|----------|-------------------|---------------|
| 2016/09/13 | 04:40:00 | 04:47:00 | 04:44:00 | B2.7 | N09W89 | (12585) |
| 2016/09/14 | 15:40:00 | 15:50:00 | 15:44:00 | B1.9 | N14W66 | (12589) |
| 2016/09/14 | 19:06:00 | 19:24:00 | 19:11:00 | B2.4 | N14W67 | (12589) |
| 2016/09/15 | 03:15:00 | 03:26:00 | 03:20:00 | B2.3 | N11E88 | (12592) |
| 2016/09/15 | 04:27:00 | 04:43:00 | 04:38:00 | B4.1 | N12E81 | (12592) |
| 2016/09/16 | 07:43:00 | 07:57:00 | 07:47:00 | B2.4 | N12W88 | |
| 2016/09/16 | 12:00:00 | 14:15:00 | 12:21:00 | B3.0 | N05E66 | (12592) |
| 2016/09/16 | 12:03:00 | 13:58:00 | 12:21:00 | B2.9 | N05E66 | (12592) |
| 2016/09/17 | 05:55:00 | 06:18:00 | 06:05:00 | B4.0 | N13E54 | (12592) |
| 2016/09/17 | 07:00:00 | 07:09:00 | 07:03:00 | B2.1 | N13E52 | (12592) |
| 2016/09/17 | 08:08:00 | 08:17:00 | 08:11:00 | B1.9 | N13E49 | (12592) |
| 2016/09/18 | 02:44:00 | 02:57:00 | 02:51:00 | B4.1 | N12E43 | (12592) |
| 2016/09/18 | 10:41:00 | 11:47:00 | 11:00:00 | B6.8 | N13E36 | (12592) |
| 2016/09/18 | 19:39:00 | 19:55:00 | 19:48:00 | B2.0 | N14E32 | (12592) |
| 2016/09/19 | 04:59:00 | 05:04:00 | 05:02:00 | B1.8 | N11W47 | (12590) |
| 2016/09/19 | 07:32:00 | 07:52:00 | 07:42:00 | B5.3 | N14E24 | (12592) |
| 2016/09/21 | 10:23:00 | 11:19:00 | 10:39:00 | C1.6 | N11W77 | (12589) |
| 2016/09/21 | 11:45:00 | 11:54:00 | 11:51:00 | C1.7 | N10W78 | |
| 2016/09/25 | 03:06:00 | 03:55:00 | 03:31:00 | B2.8 | N08W78 | (12595) |
| 2016/09/25 | 04:12:00 | 04:29:00 | 04:22:00 | B3.2 | N08W78 | (12595) |
| 2016/09/25 | 07:13:00 | 07:28:00 | 07:17:00 | B2.0 | S14W15 | (12597) |
| 2016/09/25 | 19:05:00 | 19:21:00 | 19:14:00 | C1.3 | S14W22 | (12597) |
| 2016/09/25 | 23:25:00 | 23:37:00 | 23:34:00 | B5.1 | S13W25 | (12597) |
| 2016/09/26 | 03:53:00 | 04:08:00 | 03:59:00 | B4.2 | N06W89 | (12593) |
| 2016/09/26 | 06:43:00 | 06:48:00 | 06:44:00 | B5.0 | S14W28 | (12597) |
| 2016/09/26 | 07:52:00 | 07:57:00 | 07:55:00 | B3.1 | S14W29 | (12597) |
| 2016/09/26 | 23:46:00 | 00:07:00 | 23:54:00 | B3.4 | S15W39 | (12597) |
| 2016/09/27 | 01:15:00 | 01:27:00 | 01:21:00 | B4.1 | S14W40 | (12597) |
| 2016/09/27 | 05:36:00 | 05:58:00 | 05:44:00 | B3.6 | S15W43 | (12597) |
| 2016/09/27 | 07:33:00 | 08:05:00 | 07:48:00 | C1.0 | S15W44 | (12597) |
| 2016/09/27 | 09:51:00 | 10:09:00 | 09:58:00 | B4.3 | S14W45 | (12597) |
| 2016/09/27 | 12:49:00 | 12:58:00 | 12:54:00 | B2.5 | S14W46 | (12597) |
| 2016/09/27 | 17:57:00 | 18:06:00 | 18:03:00 | B6.7 | S14W47 | (12597) |
| 2016/09/28 | 15:55:00 | 16:09:00 | 16:01:00 | B3.9 | S15W62 | (12597) |
| 2016/09/28 | 17:02:00 | 17:12:00 | 17:07:00 | B7.5 | S15W62 | (12597) |
| 2016/09/28 | 17:43:00 | 17:49:00 | 17:46:00 | B5.3 | S13W62 | (12597) |
| 2016/09/28 | 21:10:00 | 22:23:00 | 21:48:00 | B4.2 | S15W68 | (12597) |
| 2016/09/29 | 14:31:00 | 14:39:00 | 14:35:00 | B2.8 | S15W73 | (12597) |