IRIS Flare Observation List:

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NOTE: Highlighted Events have already been used for IRIS MOD as of 09/17/2025

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20131011 14:54 C4.7, Fe XXI, ribbon
20131012 01:57 C5.2, full frame spectra, many unidentified lines, Fe XXI
20131015 05:42-05:50 Fe XXI line observed, raster of ribbons
20131024 19:55 no GOES class, SJI only, two-ribbon flare
20131024 21:14 C3.3, slit on ribbons and loops after peak
20131024 22:10 C5.7, slit missed, SJI only
20131102 15:20-15:30 strong Fe XXI line, but no SJI images because of flight software problem
20131114 18:29-20:44 C2.2, flare ribbon
20131225 05:18-15:00 C1.1, limb eruptions, flare and surge, no SADs in AIA - Fe XXI at 6:56 (raster 0) and 14:06 (raster 7)
20131225 21:53 flare at the edge of sunspot
20131229 23:45 no GOES class, slit on loops
20131230 02:43 no GOES class, loop brightening and plasma flows at bottom of SJI
20131230 08:04 no GOES class, SJI only
20131231 22:22 loops & footpoints from M flare visible in 1400 SJI images.
20140104 06:30 C5.6 flare. Nice 1400 SJI movie of footpoints, slit nowhere near them, though
20140105 02:24 C4.5 flare got footpoints
20140105 15:15 C6.6, ribbons, Fe XXI, good XRT data
20140105 18:13 C3.4, interesting loop brightening and flows at bottom of SJI
20140111 23:27:39-00:22:22 C6 raster 20 - interesting rotation in CII, very weak Fe XXI, nice eruption in 1400 SJI images
20140127 23:22-00:16 Small eruption on the limb, no GOES class, maybe some Fe XII in raster 8
20140128 07:30 M3.6 One edge of the raster landed on the footprints. All kinds of crazy unidentified lines, lots of Fe XXI, ~150 km/s redshifts in the C II lines. Good one for analysis.
20140129 14:24 long duration C7 flare. Pointing is a little too far south. Some interesting ribbons, though.
20140130 00:09 C2 flare. SJI only.
20140202 11:35 Continuum enhancement starting at 11:35, observation ends at 11:42. Beginning of the C9.7 flare starting at 11:45? Interesting loop with brightening at top, right by slit.
20140202 16:12 interesting cuspy configuration - outflows? Not the M1 flare, which was in a different active region.
20140202 19:32 eruption in AR 11968, mostly seen in SJIs. 64 step raster, full spectrum.
20140202 21:24 M1.3 flare - caught beginning during a 64 step raster, slit on ribbons. Full spectrum.
20140203 C6.5 at 13:22 - IRIS gets rise. Being analyzed by Polito, Reeves, del Zanna, Mason. Fascinating XRT data with what look like null points.
20140204 11:54 C5.9 flare, interesting loops, sit'n'stare
20140204 15:30 M1.5, 64 step raster, slit mostly on western ribbons, missed some loops.
20140204 18:49 C4.7 flare, got some of the ribbons
20140205 16:20 M1.3, slit covers ribbon, Fe XXI visible
20140211 13:40 C8 flare, slit on some ribbons.
20140211 16:47 M1.8 flare, slit nicely on ribbons. No obvious Fe XXI.
20140212 23:05 C5.9, ribbon, Fe XXI, 400 km/s blue shift of cool lines
20140213 01:36 M1.8, ribbon, loops, nice eruption

20140213 02:30 C7.4, ribbon, loops, nice eruption similar to the one at 01:36
20140314 00:10 Faint fuzzy loop seen in SiIV SJI image - probably Fe XXI bleed over, but Fe XXI wasn't taken in the linelist.
20140315 00:20 C3.1 flare nice ribbons, IRIS caught whole event. Fe XXI at time step 430-450. got whole event, unidentified lines appeared before Fe XXI, HOP241
20140329 17:35 X1.0 - XRT and IRIS data. IRIS data stops at 17:54, but good data for rise. Slit right on ribbons. Huge blueshifts in C II and S IV at 17:45 (raster 173) - filament eruption? Fe XXI at raster 173-179. Maybe a little redshifted in raster 174?
20140331 ~8:00UT, M1.4, flare on the limb, mostly CII and Mg II and Si IV, but a tiny little bit of Fe XXI visible around raster 670. Some very faint emission in the Fe XXI window at raster 613.
20140403 17:30 C1 flare, nice loop eruption, no Fe XXI.
20140404 23:30 C1 flare, nice cusp shape, SJI only.
20140406 14:30 B5 flare SJI only.
20140414 08:00 Nice cuspy eruption with upflowing plasma. Slit misses all the interesting stuff, though.
20140415 10:00 C4.4 flare, Sit n stare on loops. Some Fe XXI. Close to disk center.
20140418 ~13:00 UT M7 flare, slit on ribbons, Fe XXI, HOP 241 run.
20140419 17:15 C1.6 flare. Small erupting loop. ribbon, Fe XXI in rasters 0 & 3, Fe XXI red shift in raster 3. 64 step raster. XRT caught rise, but was in SAA at the time of the Fe XXI redshift.
20140420 02:50 C2.1 flare. HOP 245 run, got whole event. Some faint Fe XXI (last step raster 195).
20140420 04:30 C2.4 flare. HOP 245 run, got whole event. No obvious Fe XXI around peak.
20140423 00:15 Fe XXI loop visible on limb in SJI data, spectra in first raster. No GOES event. XRT in bakeout.
20140424 05:10 Fe XXI loop visible on limb in SJI data, it then cools down to SiIV/CII around an hour and a half later. No GOES flare at same time. AIA data shows a clear loop in 131 that cools into 193/171 passbands. Maybe some very faint Fe XXI in spectrum at beginning of observation. XRT shows tiny little cusp shaped-loop that brightens into larger loop.
20140501 ~01:38 B7 flare, interesting little eruption at limb, sit 'n' stare. No Fe XXI, prominence HOP. Exactly in Hinode twilight, so no EIS or XRT during eruption.
20140508 13:00-1400 interesting jet at the limb. Very large shifts in SiIV around raster 138.
20140509 ~02:30 Behind the limb filament eruption, can see rotation in spectra. No hot stuff. A lot of wiggling in spectra
20140511 13:14 C1 flare, slit mostly between two ribbons. HOP 245.
20140511 17:15 C3.1 flare, IRIS nicely on ribbons. All cool lines, no Fe XXI. Unidentified cool lines
20140515 02:30 C5 flare nice ribbon motion, but no Fe XXI. Unidentified cool lines
20140606 10:25 C1.1, ribbon briefly observed in raster 0, weak Fe XXI
20140611 11:43 C2.4, ribbon, Fe XXI only observed in the upper bright region
20140611 15:15 C1.7, ribbon, Fe XXI, possible small red shift of Fe XXI at 15:19:07
20140611 18:41 C3.6, ribbon, Fe XXI
20140611 21:00 M3.9 flare. Fe XXI from raster 440-515. In raster 470, position 0, small smudge to the right of main Fe XXI - redshift? Very low signal, though.
20140612 18:06 M1.3 flare. Fe XXI from rasters 1160-1190. Blueshifted emission in raster 1167-1170.
20140612 21:13 M1.0, right on slit, Fe XXI at both ribbons and loops
20140612 22:42 >C1, Fe XXI at both ribbons and loops
20140613 00:35 C8.5? Fe XXI at both ribbons and loops
20140613 02:57 >C1, no Fe XXI, nice eruption, blueshifts in cool lines
20140617 04:57 C4.7, Fe XXI
20140617 17:58 C1.4, spectra not interesting
20140618 15:42 C1.1, slit between two ribbons, spectra not interesting
20140619 19:20 C4.0, Fe XXI, unidentified cool lines, full frame spectra
20140621 19:36 C1.0, weak Fe XXI, wide raster of the whole ribbon
20140622 13:08 B7.9, slit only covers edge of the ribbon, blueshift-component of cool lines(plasma motion in AIA)

20140710 20:58 C7.4, Fe XXI, 200km/s blueshift-component of cool lines (filament)
20140711 23:08 C2.3, unidentified cool lines
20140730 00:46 C1.3, faint Fe XXI, 200km/s red shift of cool lines in raster 99
20140801 11:41 C4.8, Fe XXI at both loops and ribbons
20140801 14:48 M2.0, Flare in the lower right corner of the SJI images
20140801 17:50 M1.5 flare - Large dense 64 step raster, Fe XXI in rasters 1 & 2, very blueshifted but faint in raster 1. Fe XXI blueshift increases towards outer part of the separating ribbons, raster 1 most interesting
20140803 06:15 C1.1, ribbon, no strong Fe XXI
20140804 10:36 no GOES class, slit on eastern ribbon
20140804 16:35 no GOES class, an eruption and flows along the loop at bottom of SJI, full CCD readout
20140804 21:57 C1.0, footpoint, no Fe XXI
20140807 22:23 C2.2, ribbon, no strong Fe XXI
20140809 02:50 ~C1.0, slit missed the flare
20140812 13:25 ~B9 flare, weak Fe XXI on the ribbon
20140815 07:35 no GOES class, slit got ribbon, no Fe XXI
20140815 21:50 C1.5, SJI only
20140816 18:40-19:28 UT, microflares, slit on loops
20140817 01:55 ~B9 flare, top of SJI, strong redshifts in cool lines
20140820 21:45 C2.1? slit missed the flare, at the right of SJI
20140821 13:30 C-class flare? SJI only
20140822 12:54 C6.4, Fe XXI, lower part of loops
20140824 05:02 C5.5, slit at the edge of the circular-ribbon flare, extremely weak Fe XXI
20140825 21:54 C1? raster on one of the ribbons
20140825 22:45 C1? SJI only
20140826 ~15:05 ~C1, slit got the ribbon and loops, seems no Fe XXI
20140826 17:55 C1, slit between the two ribbons
20140827 22:20 ~B5 flare, slit on loops, seems no Fe XXI, at the top of SJI
20140829 2:26 C1.4 - Nice eruption at the limb. Some Fe XXI and XII, but no downflows.
20140829 ~06:30 Really big jet eruption at the limb. No GOES class.
20140829 15:52 C4.3 - Another really nice eruption at the limb. Some Fe XXI, no downflows.
20140831 01:56 C1.3, slit at the edge of one ribbon
20140831 11:20 C3.6 slit on ribbons for southern part of eruption, also at 11:45 there's an eruption in upper right corner of SJI, diffuse brightness that could be Fe XXI, including loop-top "blob"
20140831 12:11 C7.1, bright ribbons, slit on the edge
20140831 15:35 C2.1, ribbon, Fe XXI
20140831 17:33 C2.2, rise phase only
20140903 14:10 >C1 flare, slit between two ribbons
20140904 13:30 C6.3, slit at the edge of the ribbon
20140905 07:08 no GOES class, slit at the edge of the flaring region, no Fe XXI emission
20140905 09:48 ~C2 flare, slit at loops
20140905 17:12 No GOES class, SJI only, jetlike flare
20140906 ~17:00, M1.1 flare. Really nice Fe XXI, maybe both redshifts and blueshifts, ~50 km/s
20140907 19:43 C7.8, only got a small portion of the ribbon
20140907 10:09 C2.2, slit at the edge of one ribbon, at the top of SJI
20140907 12:10 C2.2, SJI only
20140908 03:30 C4.6, Fe XXI strong in both loops and ribbons, ~150 km/s blueshift of Fe XXI at ribbon
20140909 12:26 C3.2, slit on both ribbon and loops, strong Fe XXI
20140910 17:20, X1.6 flare. Bright Fe XXI, very big blueshifts during the event. Faint Fe XXI is also visible before the main rise phase, and it's a little bit blueshifted. Lots of continuum emission.
20140917 ~7:00, no GOES class, limb eruptions, recurrent jets? SJI only

20140917 19:26 C7.5 flare - behind the limb, nice big loop of Fe XXI visible, red shift in Fe XXI
20141017 15:36 C6.7 flare - jet-like eruption, slit missed it. Another eruption happens slightly to the north, slit on footpoints. No obvious Fe XXI.
20140928 13:15 No GOES class, but above C1, slit on the loops
20140928 13:59 No GOES class, but above C1, slit on the loops
20140928 16:08 No GOES class, but above C1, slit on the loops
20140928 17:07 M1.0? slit on the loops and some footpoints?
20140928 18:09 No GOES class, but above C1, slit on the loops and some footpoints?
20141003 20:10 ~C1, limb or beyond limb event, obvious Fe XXI emission
20141018 15:59 C2.6 flare. No Fe XXI
20141018 17:09 C2.7 flare. No Fe XXI, but many weak lines in O I 1356 window.
20141019 ~13:17 Eruption seen in 1330 SJI. No GOES class. Some Fe XXI in last step of raster 7.
20141019 17:30 C4.7 flare, slit over the southern footpoint. Weak Fe XXI.
20141021 06:58 C2.9, Fe XXI weak
20141021 08:10 C3.1, only part of the flare ribbon observed, no Fe XXI
20141022 01:40 M8.7, Fe XXI both at loops and ribbons
20141022 14:28 X1.6, Fe XXI very strong at flare loop, Fe XXI weak at ribbons
20141022 18:08 C9.5, Fe XXI weak, only part of the impulsive phase observed
20141024 21:30 X3.1, Fe XXI very strong at flare loop, Fe XXI weak at ribbons
20141025 08:01 C9.2, Fe XXI very weak
20141025 09:50 C4.6, ~150 km/s blue shift of Fe XXI at ribbon
20141025 15:03 C5.1, Fe XXI weak, full-CCD readout
20141025 15:50 C9.7, Fe XXI, full-CCD readout
20141025 17:02 X1.0, Fe XXI strong at both ribbons and loops, full-CCD readout
20141025 23:25 C8.4, ~250 km/s blue shift of Fe XXI
20141026 01:17 C3.1, Fe XXI
20141026 05:11 C2.8, ~200 km/s blue shift of Fe XXI
20141026 05:46 C4.0, ~250 km/s blue shift of Fe XXI
20141026 06:20 C9.5, ~150 km/s blue shift of Fe XXI
20141026 10:50 X2.0, ribbon not covered by slit, Fe XXI strong in loops
20141026 15:20 C5.2, ~150 km/s blue shift of Fe XXI at ribbon, full-CCD readout
20141026 17:13 M1.0, Fe XXI weak, full-CCD readout
20141026 20:04 M2.4, strong Fe XXI in loops, large Fe XXI blue shift at edge of a ribbon
20141026 21:59 C8.3, Fe XXI blue shift at edge of a ribbon
20141027 00:16 M7.1, Fe XXI very strong in loops, ~200 km/s blue shift at ribbons, Fe XII visible
20141027 01:55 M1.0, Fe XXI strong in loops, ~200 km/s blue shift at ribbons
20141027 03:38 M1.3, ~150 km/s blue shift of Fe XXI changed into red shift between ribbons
20141027 05:05 C3.4, Fe XXI
20141027 05:35 C4.9, ~150 km/s blue shift of Fe XXI at ribbons
20141027 07:03 C9.6, Fe XXI strong in loops and ribbons, ~200 km/s blue shift at ribbons
20141027 07:12 C9.6, Fe XXI strong in loops and ribbons, ~150 km/s blue shift at ribbons
20141027 07:31 C6.2, ~200 km/s blue shift of Fe XXI at ribbons
20141027 14:20 X2.0, ~250 km/s blue shift of Fe XXI
20141027 17:42 M1.4, Fe XXI very weak
20141027 21:23 C5.4, Fe XXI strong in loops
20141027 23:06 C4.6, Fe XXI strong in loops
20141028 02:22 M3.4, Fe XXI strong at ribbons and loops, blue shift at edge of ribbons
20141028 03:30 M6.6, strong Fe XXI
20141028 08:23 C6.5, only got edge of ribbon, no obvious Fe XXI, nice light bridge loops
20141028 11:07 C5.3, Fe XXI briefly observed

20141028 13:58 M1.6, Fe XXI strong in loops and blueshifted by~150 km/s at ribbons
20141029 07:15 ~C8 flare, slit on both ribbon and loops
20141029 16:13 M1.0, slit mostly between the ribbons, Fe XXI strong in loops, full-CCD readout
20141029 21:24 M2.3, flare close to limb, Fe XII visible on the disk part, Fe XXI very weak
20141029 23:25 C3.6, limb event, strong Fe XXI emission in flare loops, bright Fe XII
20141030 00:20 C7.1, limb event, strong Fe XXI emission in flare loops, bright Fe XII
20141030 00:36 M1.3, limb event, strong Fe XXI emission in flare loops, bright Fe XII
20141030 01:36 M3.5, limb event, very strong Fe XXI emission in flare loops, bright Fe XII, falling cool materials with speeds of ~150 km/s
20141030 12:44 C2.9, limb event, strong Fe XXI emission in flare loops, Fe XII visible
20141030 15:32 C9.7, limb event, strong Fe XXI emission in flare loops, Fe XII visible
20141107 ~10:20 M1.0 Small amount of faint Fe XXI near peak.
20141107 13:24 C1.3, No Fe XXI.
20141107 15:18 C7 flare - context raster
20141107 16:10-16:45 C7.0 Erupting loop caught by slit, auxiliary brightening at 16:55 that is probably the beginning of the subsequent X1.6 flare (but right at the end of the observation). Fe XXI visible.
20141107 17:47 X1.6 Decay phase only, FeXXI emission in flare loops. The two ribbons are very close together in this flare.
20141109 15:24-15:38 M2.3 Nice ribbon motion. Fe XXI mainly around ribbons.
20141111 00:00 C5.4, Fe XXI in both ribbons and loops, ~370 km/s blueshift of cool lines associated with mass eruption in the decay phase
20141112 10:35 C5.1, slit crossing ribbon, weak Fe XXI
20141112 08:49 C1.9, got ribbon, almost no Fe XXI
20141116 16:39 C3.9 No Fe XXI
20141129 08:16 C6.7, Fe XXI strong in loops, many cold lines at ribbons, full-CCD readout
20141216 10:12 C4.1, got ribbon, Fe XXI very weak
20141216 11:39 C5.6, got ribbon, no Fe XXI
20141218 15:48 C5.3, got ribbon, Fe XXI weak, downflows to the ribbon
20141219 16:30 C2.7, got only the edge of ribbon, Fe XXI mainly in flare loops
20141219 21:39 C1.7, got ribbon, almost no Fe XXI
20141219 22:30 C3.2, barely got the ribbon, Fe XXI weak
20141221 17:32 C5.1, got only edge of the ribbon, almost no Fe XXI
20150113 04:24 M5.6 missed impulsive phase, slit over the ribbon, some Fe XXI near the bottom of the slit right at the beginning of the observation, and higher up (but fainter) later on
20150203 10:45 C3.9 Can see material flowing out of the region in SJI. Some weak Fe XXI, maybe a little blueshifted
20150203 22:51 C2.3 Raster right on one footpoint, but no obvious Fe XXI
20150303 19:22 Eruption, no GOES class, flare completely behind the limb. Only good spectra are in Mg II
20150306 23:36 C2.2, observed part of the flare loops, E-limb event
20150307 22:00 M9.2, E-limb event, slit crossing a current sheet above the loop top? Clear Fe XXI emission in the sheet-like structure
20150310 06:37 C1.4, got ribbon, blueshifted Fe XXI, jet-like eruption
20150310 07:27 C2.7, got ribbon, Fe XXI
20150310 08:51 C1.5, got ribbon, Fe XXI, jet-like eruption associated with obvious blue shift of the entire transition region line profiles
20150310 13:50 B9.7, almost a C1 flare, got ribbon, very large redshift of cool lines, weak Fe XXI
20150310 17:20 C1.1, got ribbon, weak Fe XXI
20150310 19:18 B9.4, almost a C1 flare, got ribbon, Fe XXI
20150310 21:00 C4.7, got edge of the main ribbons, strong Fe XXI
20150310 22:20 C1.3, got ribbon, Fe XXI

20150310 23:15 C2.3, got ribbon, strong Fe XXI
20150310 23:27 C2.3, got ribbon, strong Fe XXI
20150311 00:02 M2.9, main part of the ribbons missed by slit, Fe XXI observed
20150311 02:19 C2.8, got ribbon, almost no Fe XXI
20150311 05:03 C4.5, main part of the ribbons missed by slit, Fe XXI observed
20150311 05:57 C1.3, main part of the ribbons missed by slit, no Fe XXI
20150311 06:11 C2.7, main part of the ribbons missed by slit, Fe XXI
20150311 06:48 C1.0, main part of the ribbons missed by slit, no Fe XXI
20150311 07:18 M1.8, got ribbon, strong Fe XXI
20150311 07:57 C2.7, main part of the ribbons not crossed by slit, Fe XXI mainly at the flare loops
20150311 09:23 C1.8, only got edge of the ribbon, Fe XXI obviously blue shifted
20150311 11:40 C5.8, got ribbon, Fe XXI
20150311 15:26 C1.7, got ribbon, almost no Fe XXI
20150311 16:22 X2.1, got ribbon, loop eruption associated with ~300 km/s blue shift of the transition region and chromospheric lines, Fe XXI
20150311 18:51 M1.0, main part of the ribbons missed by slit, no Fe XXI
20150311 22:19 C7.8, got ribbon, weak Fe XXI
20150311 23:45 C6.7, got edge of ribbons, weak Fe XXI
20150312 03:23 C5.7, almost no Fe XXI
20150312 07:33 C2.7, ribbons missed by slit, no Fe XXI
20150312 08:15 C4.3, got ribbon, Fe XXI
20150312 09:14 C8.4, got ribbon, Fe XXI, surges to the east of slit
20150312 11:42 M1.6, Fe XXI blueshifted at ribbon, strong Fe XXI in flare loops
20150312 12:14 M1.4, got a large portion of the ribbons, Fe XXI
20150312 19:51 C1.6, main part of the ribbons missed by slit, no Fe XXI
20150312 20:46 C4.8, slit crossing edge of the ribbons, Fe XXI briefly observed
20150312 21:51 M2.7, slit probably crossing edge of the ribbons, no Fe XXI
20150312 22:38 C3.6, got ribbon, Fe XXI
20150312 22:58 C3.4, got ribbon, Fe XXI
20150312 23:31 C1.9, got ribbon, Fe XXI
20150313 06:07 M1.8, got ribbon, Fe XXI at both ribbon and flare loops
20150313 07:37 C6.9, got ribbon, Fe XXI weak and clearly blue shifted
20150313 10:54 C1.6, got ribbon, weak Fe XXI
20150313 11:23 C1.9, main part of the ribbons missed by slit, almost no Fe XXI
20150313 20:46 C6.2, got ribbon, Fe XXI
20150313 22:19 C2.0, got ribbon, no obvious Fe XXI emission
20150314 01:53 C2.3, ribbons missed by slit, weak Fe XXI emission likely associated with the flare loops
20150314 08:02 C1.3, got ribbon, Fe XXI
20150314 08:24 C2.1, got ribbon, Fe XXI
20150314 11:55 C2.6, slit crossing edge of ribbon where plasma downflows are seen in SJI, no obvious Fe XXI emission
20150314 13:26 C1.7, got ribbon, Fe XXI
20150314 18:47 C5.3, got ribbon, Fe XXI weak and clearly blueshifted
20150314 19:16 C1.4, got ribbon, Fe XXI
20150314 20:48 C1.6, flare occurred mainly to the west of the slit, no obvious Fe XXI emission
20150314 22:19 C1.1, got ribbon, no obvious Fe XXI emission
20150314 23:14 C1.9, got ribbon, mass eruption associated with large blue shift of cool lines, weak Fe XXI
20150315 00:41 C2.4, Eruption misses the slit, no Fe XXI
20150315 02:25 C9.1, flare, small eruption, some weak Fe XXI
20150315 02:46 no GOES class, another eruption, blueshifts in the Fe XXI

20150315 09:37 M1.0, in the corner of the SJI FOV, slit not on the flare
20150315 23:22 M1.2, Interesting flows along a loop structure. Eruption away from the slit, though
20150316 09:52 C1.8, More flows and partial eruption along a loop structure. Mostly misses slit
20150316 10:58 M1.8, Eruption of loop structure, partially covered by slit. Some Fe XXI from southern footpoint.
20150316 12:59 C1.1, Brightening to the west of the slit. No Fe XXI.
20150316 13:54 C1.8, Brightening to the east of the slit. No Fe XXI.
20150316 20:15 C5.5, Brightening to the east of the slit. No FeXXI.
20150316 20:49 C8.1, Mostly in very lower right corner of SJI
20150316 23:20 no GOES class Nice little two ribbon flare, right on slit. A little Fe XXI from northern ribbon.
20150317 01:52 C1.9, Brightening to the east of the slit. No FeXXI.
20150317 23:34 M1.0, Lots of Fe XXI in footpoints before flare peak. Main flare brightening misses slit, though.
20150318 09:51 C2.8, Footpoint brightenings and a surge to the south. Some FeXXI in the surge.
20150318 10:31 C5.5, Footpoint brightenings and a surge to the south. Some FeXXI in northern footpoint.
20150318 12:27 C1.0, Footpoint brightenings and a surge to the south.
20150318 13:14 C3.8, Footpoint brightenings and a surge to the south. Faint FeXXI in the surge.
20150318 14:24 C1.3, Footpoint brightenings and a surge to the south. Flows connecting northern and southern footpoints.
20150318 16:31 C7.6, Lots of erupting plasma, especially to the south. Fe XXI comes in strong at GOES peak, very blueshifted in the south where the surge is.
20150318 18:36 C2.2, Erupting loop structure. Lots of faint lines visible.
20150319 13:02 C1.2, Small eruption at the limb, some very faint Fe XXI visible, interesting rotating motion in cooler plasma.
20150320 01:33 C7.9, Filament looks like a suspended ball of plasma, flare starts by brightening up in this suspended ball. Filament dissipates as flare progresses, loops of Fe XXI visible in 1330 SJI at about 1:04 UT.
20150320 18:20 eruption of some prominence material
20150321 00:17 C1.4, Faint Fe XXI, fuzzy loops visible on limb in 1330 SJI
20140403 22:15 ~C1 Faint Fe XXI, slow cadence
20150407 03:37 B8.2, Good slit position on footpoints, some Fe XXI.
20150407 21:31 C1.1, ribbon not covered by slit, blue shift of cool lines associated with mass eruption
20150408 00:07 C1.0, Impulsive event, over before the slit gets there.
20150409 06:35 C5.4, slit between two ribbons, Fe XXI only appeared in the decay phase and likely associated with flare loops
20150409 14:44 B6.7, ribbon covered by slit, weak Fe XXI
20150409 23:40 C3.3, part of the ribbon in the FOV of SJI, ribbon not covered by slit, no Fe XXI
20150410 08:03 C7.9, ribbons covered by slit, large blue shift of cool lines associated with mass eruption
20150410 08:12 C2.9, ribbons in FOV of SJI but missed by slit, no Fe XXI
20150418 18:25 C2.9, ribbons in SJI FOV but not covered by slit
20150419 03:26 C1.4, both ribbons got by slit, weak Fe XXI
20150428 14:00 very slow filament eruption, cool lines largely blueshifted
20150505 06:59 C2.6, one ribbon crossed by slit, weak Fe XXI
20150506 16:10 C1.5, one ribbon crossed by slit, weak Fe XXI
20150507 10:02 C4.3, only got the decay phase, stationary and strong Fe XXI mainly in loops
20150507 19:57 C5.0, slit covered the edge of one ribbon, weak Fe XXI
20150510 03:29 C1.1, ribbon missed by slit
20150510 21:38 C2.4, a lot of jet activity before an during the flare, very weak Fe XXI
20150522 16:44 B5.4, large blue shift of cool lines associated with the eruption, no obvious Fe XXI
20150622 18:00 M6.5, strong Fe XXI, maximum blue shift ~300 km/s
20150624 15:29 C5.6, ribbon covered by slit, weak Fe XXI
20150625 01:20 C1.3, between two sunspots, missed by slit
20150625 21:06 B7.4, changing blue shift and red shift of cool lines caused by the mass eruption

20150821 02:18 M1.2 Nice high cadence data set - 32 step raster with 1 s step cadence. Binned spatially. Slit crosses ribbon.
20150821 ~16:55, ~C1 flare, slit on loops, no Fe XXI
20150821 20:33 M1.1, strong Fe XXI, strong blueshifts in cool lines
20150821 ~23:21, ~C1 flare, slit on loops, no Fe XXI, obvious blueshifts in cool lines
20150826 13:55 C9.5, only cover the decay phase, slit crossing edge of the ribbon
20150827 05:42 M2.9, nice two ribbon flare, one ribbon and the post flare loop crossed by the slit, Fe XXI at both ribbon and flare
20150828 02:50 C8.0, one ribbon crossed by the slit, weak Fe XXI
20150830 03:10 M1.4, limb event, hot post flare loops in the SJI FOV, clear Fe XXI emission in the loop
20150904 05:18 B4.4, ribbons crossed by the slit, full-CCD readout, no obvious Fe XXI emission
20150916 12:37 C1.4, loops crossed by the slit, full-CCD readout, no obvious Fe XXI emission
20150916 15:20 C3.0, slit caught loops and one footprint, full-CCD readout, no obvious Fe XXI emission
20150919 17:09 C1.5, slit go the "V"-shape ribbon, full-CCD readout, weak Fe XXI
20150920 14:12 C1.4, slit go the "V"-shape ribbon, full-CCD readout, weak Fe XXI
20150920 17:49 M2.1, slit got edge of the ribbon, full-CCD readout, very weak Fe XXI
20151016 09:03 C3.4 some possibly redshifted Fe XXI associated with ejecta. Event at the very bottom of the FOV.
20151016 10:20 C3.1 circular ribbons, slit on dimmest part of the ribbons.
20151016 13:36 C4.3, circular ribbons and some ejecta. Some blueshifted Fe XXI around the time of the ejecta.
20151017 12:30 C4.5 Three peaks in GOES correspond to times when there is visible Fe XXI.
20151020 14:00 C1.1 Eruption caught by the SJI. Nothing interesting over slit.
20151021 13:55 C1.7 Nice eruption in the SJIs. Only a little bit of the ejecta crosses the slit.
20151104 13:52 M3.7, two separating ribbons nicely observed in the SJIs, slit got edges of the two ribbons, strong Fe XXI from the flare loops
20151107 22:59 C2.5 Small event, not much Fe XXI
20151208 22:40 C4.5 IRIS caught ribbons, enhanced continuum but no Fe XXI
20151211 17:06 C5.6 Most ribbon emission is to the east of the slit
20151212 17:10 B9.4 Limb flare, SJI caught some fuzz loops that are probably Fe XXI (slit was elsewhere).
20151212 19:30 C1.1 Limb flare, SJI caught some fuzz loops that are probably Fe XXI (slit was elsewhere).
20151219 10:51 C1.6 Coordination with EIS. Sit ‘n’ Stare, nice high resolution SJI data. No Fe XXI.
20151219 17:10 C1.1 Coordination with EIS. Sit ‘n’ Stare, nice high resolution SJI data. Interesting loop untwisting and oscillating motions. No Fe XXI.
20151219 22:00 C4.5 Small FOV so IRIS only caught part of one ribbon.
20151225 22:50 C3.0 Large 320-step raster. Visible Fe XXI in spectra.
20151226 01:44 C1.6 Full readout, slit right on ribbons. Some faint Fe XXI.
20151226 05:01 C7.8 Full readout, slit right on ribbons. Obvious Fe XXI. Maybe some faint very blueshifted FeXXI.
20151226 15:10 C4.1 Full readout, slit right on ribbons.Maybe some faint Fe XXI.
20151229 00:53 C1.4 Full readout, slit right on ribbons.
20151229 15:36 B8.3 Full readout, slit right on ribbons. Some faint Fe XXI.
20160101 23:10 M2.4 Interesting ribbon motions. Maybe some faint Fe XXI
20160218 20:10 C1 Failed eruption at the limb
20160327 16:38 B4.8 Interesting little eruption in SJI. Slit nowhere useful during eruption.
20160513 22:33 B4.9 Small two-ribbon flare viewed during a sparse 64-step raster. Interesting ribbon structure, and possibly some ejecta.
20160624 22:56 B3.9 Slit crosses flare ribbons. Part of a 400 step raster. No obvious Fe XXI.
20160626 04:04 B2.1 Small flare in AR near East limb. Flare occurs during the last few steps of a 400 step raster. No decay phase coverage. Slit is on the footpoints. No obvious Fe XXI.
20160626 16:04 B3.8 Flare is at the top edge of the SJI. Slit is in between ribbons, covering footpoints.
20160704 08:40 B1.6 Interesting ribbon structure, covering entire SJI FOV. Slit hits ribbons at one of the weaker parts, though.

20160709 15:49 C2.6 During a 400 step raster. Slit crosses ribbons. Fe XXI in both footpoints, maybe redshifted in western footpoint. Western footpoint also has many lines showing up in O I window.
20160716 08:17 C1.5 Slit crosses ribbons.
20160716 09:19 C1.0 Slit crosses ribbons and maybe some outflow.
20160716 10:26 C1.1 Slit crosses ribbons
20160718 08:23 C4.4 Two-ribbon flare, on the right side of SJI. Slit doesn't cross flare.
20160720 03:35 C2.5 Slit misses most of the interesting stuff
20160721 09:08 B6.6 Interesting Y-shaped structure to bright flows. SJI only.
20160721 09:44 C1.0 96 step raster, slit nowhere near the flare. SJI only.
20160721 11:19 C7.2 96 step raster, misses most of the flares except maybe some outflows at the very southern edge of the FOV
20160721 17:04 C1.2 Ribbon parallel to slit and right next to it. Some possibly large blueshifts in Fe XXI.
20160721 17:41 B9.7 Ribbon parallel to slit. Some broad/blueshifted Fe XXI profiles at 17:40:26.
20160721 18:31 B7.3 Ribbon parallel to slit. Blueshifted Fe XXI.
20160721 18:57 B6.5 Ribbon parallel to slit. Blueshifted Fe XXI.
20160722 20:20 C2.4 During an SAA. Slit got part of southern ribbon. No obvious Fe XXI.
20160723 02:19 M5.0 Right at the beginning of a 400 step raster. Interesting flows, but no slit coverage.
20160724 13:03 C2.5 Some surging peacock tails on the limb. Fe XXI in spectra.
20160724 13:23 C3.5 Bright surge and some faint fuzzy loops on the limb. Spectra confirm fuzzy loops contain Fe XXI.
20160724 14:04 C6.9 More fuzzy loops on the limb. Spectra confirm fuzzy loops contain Fe XXI.
20160724 17:43 M1.9 Whole limb brightens up, lots of fuzzy off-limb emission that later resolves into more detailed loops. Spectra confirm fuzzy loops contain Fe XXI.
20160808 20:15 C1.7 400-step raster, slit goes right over ribbons.
20160809 05:00 no goes small eruption during B1 calibration. Interesting Doppler shifts possibly indicative of twisting
20160809 08:55 C2.5 64-step raster, slit on ribbons.
20160809 16:31 B3.5 Lower left of the SJI FOV, slit not on ribbons
20160811 16:44 C2.4 Sit 'n' stare, interesting ribbons, slit on one of them. No obvious Fe XXI.
20160928 16:00 B3.9 128 step raster, ribbons visible in SJIs, slit on the ribbons for a few positions.
20160928 17:00 B7.5 128 step raster, ribbons visible in SJIs, slit on the ribbons for a few positions.
20160928 17:45 B5.3 128 step raster, ribbons visible in SJIs, slit mostly misses ribbons
20161012 11:55 C1.1 Brightenings in the upper left corner of SJI images, misses slit
20161016 13:56 B3.5 Interesting little filament activation and eruption with slit right in the middle of the filament. Blue shifts followed by red shifts in C II and Si IV.
20161130 15:07 C1.0 Circular ribbon flare. SJI only.
20161130 15:24 C2.3 Circular ribbon flare. SJI only.
20161204 17:46 C1.8 Bright wedge-shaped ribbons. Slit scans over once. Some Fe XXI.
20161205 17:12 B2.5 Two compact ribbon brightenings, slit crosses both.
20161206 10:37 B1.6 High cadence (2sec) observation, slit on one of the ribbons. No Fe XXI taken.
20170110 15:17 B3.9 Flare on the west limb, which is preceded by a small eruption. The slit hits eastern footpoint
20170111 15:57 B2.3 Flare just over the west limb. The slit crosses the flare loops, which evolve over a few frames.
20170116 17:39 B1.3 Faint flare with one of two ribbons crossing the light bridge between two sun spots in AR 12626. The slit crosses the footpoint on the light bridge.
20170126 16:26 B2.6 Two ribbons, slit crosses both
20170126 16:48 B2.2 Tiny flare with one ribbon, slit crosses it in a couple of frames
20170222 21:03 B4.9 Slit crosses flare loops. Possibly some red-shifted Fe XXI, but also lots of particle hits
20170223 14:20 B2.4 Part of a big raster, but slit crosses ribbons near the beginning of the flare.
20170223 20:40 C1.3 Slit scans over whole region during flare, nice eruption.
20170331 22:55 C1.1 Two roughly parallel flare ribbons and the slit observes the eastern ribbon.
20170404 11:48 B9.5 Brightening at the base of a coronal jet on the limb. Not covered by the slit.

20170404 12:16 C1.9 Brightening at the base of a coronal jet on the limb. Slit missed the jet, but caught a sympathetic brightening nearby.
20170404 13:41 C2.3 Eruption on the limb. Slit caught later part of the eruption in the north.
20170404 16:17 C1.0 Brightening at the base of a coronal jet on the limb. Not covered by the slit.
20170404 17:01 C1.9 Brightening at the base of a coronal jet on the limb. Jet not covered by the slit, but there was a small eruption about 15 minutes later, and the slit crossed one footpoint.
20170406 07:32 B8.4 Ribbons miss the slit
20170406 10:26 C1.1 Ribbons cross slit
20170411 11:11 B1.3 Sparse raster, low cadence SJIs. Ribbons cross slit.
20170418 20:30 C5.5 Caught the flare loops on the limb of a long duration event that peaked started at 19:21 and peaked at 20:10.
20170420 10:48 B2.6 Nice little eruption occurred just as the slit passed over. Possibly some Fe XXI during eruption.
20170420 16:30 no goes Nice eruption at the limb. Slit sees some of the action.
20170421 17:30 B4.1 Large raster, slit crosses ribbons on last few steps, EOVSA data
20170422 10:10 B1.8 Slit crosses ribbons, bright lines show blueshifts at the southern ribbon and redshifts at the northern ribbon.
20170423 02:04 B2.2 Slit crosses one of the ribbons. No Fe XXI.
20170423 03:06 B3.7 Small eruption from same location as previous flare, right along slit. Possibly some faint Fe XXI.
20170501 04:01 B9.9 Slit Jaw Imager captures base of flare in upper left.
20170505 10:30 B4.3 Raster covers both ribbons
20170525 21:13 B5.0 Slit covers flare ribbon near sunspot. Possible filament eruption.
20170527 18:08 B9.2 Slit between two flare ribbons.
20170528 19:25 C3.3 Slit captures east (left) flare ribbon.
20170531 16:55 B3.1 Small compact flare (SJI only).
20170602 05:40 B8.4 Two flare loops (SJI only).
20170602 17:56 C8.0 Omega shaped flare ribbon. Slit captures right tail.
20170602 19:53 B6.0 Flare with visible loops (SJI only).
20170603 19:30 C2.5 Faint brightenings precede two roughly mirror image flare ribbons (SJI only).
20170605 19:26 B9.4 Filament activations precede a flare with 2 ribbons and brightening along the filament. Slit crosses the filament during the activations and the flare.
20170605 05:27 C2.7 Partial flare ribbons visible in the lower left (SJI only).
20170607 12:14 B1.6 Slit scans two roughly parallel ribbons
20170607 16:22 B4.4 Slit scans length of flare and includes a filament eruption.
20170608 03:38 B2.9 Slit scans length of flare ribbon.
20170609 12:32 B4.4 Slit observes N/S extent of flare and E/W extent of following filament activation.
20170627 07:35 B1.8 SJI only
20170627 17:45 no GOES class, slit covers ribbons
20170627 21:15 B2.6 slit covers ribbons
20170707 10:40 B2.5 Flare during deep observation (60s, SJI only)
20170707 11:26 B3.6 Flare during deep observation (60s). Slit captures flare ribbon.
20170707 13:37 C1.0 Flare during deep observation (60s). Slit captures flare ribbon, many lines near Si IV.
20170708 10:45 B6.5 Flare during deep observation (60s). Slit captures northern ribbons, many lines near Si IV.
20170708 16:34 B3.4 Flare loops during BBSO coordination. Slit scans loops.
20170708 18:32 B2.6 During BBSO coordination, flare ribbons barely visible east of the primary sunspot (SJI only).
20170708 21:18 B6.0 Two ribbon flare east of leading sunspot during BBSO coordination. Slit captures southern, more intense ribbon.
20170708 21:32 B4.5 Small flare originates south of pore during BBSO coordination. After initial compact brightening, two ribbons appear. The east ribbon connects to original brightening. However, the slit captures west ribbon.
20170708 23:49 C3.4 Flare during deep observation (60s, SJI only).

20170709 01:23 B6.6 Flare during deep observation (60s, SJI only).
20170709 02:25 B3.4 Flare during deep observation (60s, SJI only).
20170709 03:02 B7.5 Flare during deep observation (60s, SJI only).
20170709 03:06 M1.3 Flare during deep observation (60s, SJI only).
20170709 07:29 C1.2 Flare during deep observation (60s, SJI only).
20170709 08:54 C4.0 Flare during deep observation (60s). Slit may capture some down flows.
20170709 10:24 B9.8 Flare during deep observation (60s). Slit captures eastern edge of flare ribbon.
20170709 11:44 C5.3 Flare during deep observation (60s). Slit captures eastern edge of flare ribbon for 3 frames.
20170709 14:09 B4.4 Flare during deep observation (60s, SJI only).
20170709 14:35 B8.7 Flare during deep observation (60s, SJI only).
20170709 15:22 B4.5 Flare during deep observation (60s, SJI only).
20170709 15:39 B4.6 Flare during deep observation (60s, SJI only).
20170709 16:19 B3.3 Two ribbon flare during BBSO coordination. The slit captures most of western ribbon.
20170709 17:10 B5.0 Flare starts as compact two ribbon flare during BBSO coordination, but the flare brightenings move through the region east of the main sunspot.. The slit scans the west ribbon's evolution.
20170709 18:29 B6.6 Only fraction of the southern flare ribbon extends into the IRIS FOV during a coordinated BBSO observation. However, the slit actively scans the east-west oriented, northern flare ribbon.
20170709 19:30 B2.4 Slit captures only visible flare ribbon during BBSO coordination. The same location last produced a flare ribbon at 20170709 18:29.
20170709 20:10 B5.2 Slit captures only visible flare ribbon during BBSO coordination. The same location last produced a flare ribbon at 20170709 19:30.
20170709 21:21 B9.0 A two ribbon flare with perpendicular ribbons. The slit captures the western, east-west oriented flare. The region containing the western ribbon last produced a classified flare at 20170709 20:10. Clear down flows also present during flare.
20170709 22:05 B7.0 Many flare ribbons between main sunspot and a series of pores. The slit captures most ribbons.
20170709 23:21 B3.6 Flare during deep observation (60s, SJI only).
20170709 00:00 C1.5 Flare during deep observation (60s, SJI only).
20170711 12:54 B8.5 Unresolved flare brightening. Slit captures one brightened area
20170711 16:59 B2.8 Two small flare ribbons visible in the north west (upper right, SJI only).
20170711 17:51 B2.2 Two small flare ribbons visible in the north west (upper right, SJI only). The ribbon's location is similar to the flare at 2017/07/11 16:59
20170711 18:25 B9.4 Two bright flare ribbons visible in the north west (upper right, SJI only). The ribbon's location is similar to the flare at 2017/07/11 17:51; however, material erupts from northern flare ribbon. The eruption creates a narrow spire which broadens to the southern foot point in 25 minutes.
20170711 21:27 Unclassified Two horseshoe shaped flare ribbons. The eastern ribbon points southwest, while the western ribbons points northeast. The slit captures the northeast ribbon.
20170713 17:35 B4.8 Flare brightening intermittently visible in the south west (lower right). The slit captures an eruptive brightening coincident with the flare.
20170713 17:51 B6.1 Flare ribbon intermittently visible in the south west (lower right, SJI only).
20170714 00:27 Unclassified Brightenings along filament inside active region. Slit captures some bright areas during large scan.
20170714 01:06 M2.4 One flare ribbon moves southwest, roughly parallel to AR filament, while the other flare ribbon moves north into leading sunspot. The slit scans the brightening running roughly parallel to the AR filament.
20170714 03:08 Unclassified Two horseshoe shaped ribbons. The eastern ribbon points northwest, while the the western ribbon points northeast. The slit scans the northwest ribbon.
20170714 18:42 Unclassified Flare ribbon on the leading sunspot's southeastern edge. Slit captures some of the brightening.
20170714 19:15 C1.4 Two ribbon flare on leading sunspot's southern edge. The western ribbon brightens roughly 15 minutes before the flare erupts. The slit observes the western ribbon for approximately 10 minutes. EOVSA data.

20170715 00:11 C1.7 Two ribbon flare with one on the leading sunspot's western edge and one through the sunspot complex. A bright loop expands in the region tying the two ribbons together. The slit captures the ribbon through the sunspot complex. EOVSA data.
20170715 02:23 B2.7 Two ribbons south and southwest of leading sunspot (SJI only)
20170715 02:33 B4.1 Two ribbon flare in roughly the same location as the flare at 2017/05/17 02:23 (SJI only).
20170715 10:51 C1.4 Flare during deep observation (60s, SJI only)
20170715 19:28 C5.8 Flare occurs northwest of the leading sunspot during BBSO coordination (SJI only). EOVSA data.
20170716 01:59 C3.1 Flare during deep observation (60s, SJI only).
20170716 10:27 B6.1 One flare ribbon visible north of leading sunspot (image's upper right corner, SJI only).
20170716 10:33 C1.3 One flare ribbon visible north of leading sunspot (image's upper right corner, SJI only).
20170716 10:52 C1.5 One flare ribbon visible north of leading sunspot (image's upper right corner, SJI only).
20170716 12:16 B8.7 Observation starts roughly half way through flare. The flare is east of the leading sunspot. The slit captures some brightening.
20170716 12:30 B8.3 Flare is in roughly the same position as the flare at 20170716 12:16. The slit captures some brightening.
20170716 17:47 C1.2 Large flare west of leading sunspot. Material eruption visible. Slit captures flare near peak intensity. EOVSA data.
20170716 23:21 B5.8 One flare ribbon visible north of leading sunspot (image's upper right corner, SJI only). EOVSA data.
20170717 05:28 B4.9 Flare during deep exposures (60s, SJI only).
20170717 09:02 B3.1 Flare during deep exposures (60s). Slit captures eastern ribbon and loops.
20170717 09:18 B4.0 Flare during deep exposures (60s, SJI only).
20170717 17:30 C1.2 Flare with eruption on the west limb during deep exposures (60s, SJI only). EOVSA data.
20170717 23:57 B7.3 Flare during 90 degree rolled observation on west limb (SJI only). The slit covers overlying loops during the flare. EOVSA data.
20170718 00:18 C2.1 Flare contains two components during 90 degree rolled observations on the west limb. First, an initial brighten causes some enhanced emission up a loop. Then bright ribbons appear around the sunspot complex. The slit captures a small portion of the later flare ribbons. EOVSA data.
20170718 04:56 B5.0 Small flare on the west limb (SJI only).
20170718 06:22 C1.3 Flare loops visible over the west limb (SJI only).
20170718 08:19 C1.7 Two flare ribbons visible on the west limb (SJI only). However, the slit captures overlying coronal loops during the flare.
20170718 22:15 C1.1 Overlying loops and structure north of loops brighten during flare (SJI only, rolled 90 degrees, West limb).
20170718 23:56 C2.8 Both the imager and slit capture a bright flare on the west limb (rolled 90 degrees). Slit captures what may be a reconnecting bright loop. Bright lines show substantial blue shifted emission during the flare. EOVSA data.
20170818 21:05 C2.9 Flare begins before observation. Still, the slit captures eruption during flare.
20170819 18:35 C1.3 Flare produces an eruptive spire, which the slit captures.
20170821 00:50 B4.9 Flare creates brightenings north of upper left sunspot and inside bottom right sunspot (SJI only).
20170826 20:28 B5.4 Slit crosses ribbon. No obvious Fe XXI.
20170827 15:12 C6.3 Eruption on the limb. Slit misses first part of the eruption, but scans aftermath. Fe XXI visible when slit covers flaring region.
20170905 16:20 C3.7 Complex ribbon structure and loops. During B1 calibration, missed peak. FeXXI visible.
20170907 05:04 M2.4 During B1 calibration, caught erupting loops at the end of the flare in a short scan. Slit crosses erupting structure, lots of Fe XXI.
20170908 C2.7 Large raster, slit covers one of the ribbons while it is still bright.

20170909 6:29 C1.4 Eruption with two bright loops on either side of the slit. Slit covers southern part of western loop, and some Fe XXI is visible. Full readout.
20170909 6:56 C1.7 Eruption on the northern part of the SJI. Slit covers base of erupting structure. Blueshifts in SJI. Full readout.
20170909 10:50 M3.7 Interesting motions along footpoint, which crosses slit. Blue shifts seen in Fe XXI.
20170909 14:49 C1.4 Small eruption right under the slit. Another eruption with no GOES class about half an hour later.
20170909 16:20 C1.7 Small eruption, mostly to the NW of the slit. Some emission does cross the slit.
20170909 21:00 C4.7 Small eruption at limb. Slit barely crosses right side of eruption. Some faint Fe XXI.
20170909 23:00 Flare at the limb. Lots of interesting footpoint motions, with the footpoints in projection at the limb. Some faint Fe XXI when the footpoints cross the slit
20170910 02:45 C9.0 Flare at the limb, on the left side of the SJI. Slit only covers a little bit of the ejecta later in the flare.
20170910 09:00 C2.9 Flare at the limb, visible in upper left hand corner of SJI. Slit covers some AR-associated coronal rain, but not the flare itself.
20170910 15:45 X8.2 Flare at the limb. IRIS pointing is south of the main cuspy loops, so they are only partially visible in the SJI. There is a continuation of the arcade in the field of view and under the slit, and FeXXI is seen prominently at the loop tops.
20170911 09:48 B9.8 Flare at the limb, mostly occurs to the left of the FOV, but some interesting flows due to the event are seen in the SJI images.
20170927 00:50 C1.7 Small eruption, mostly misses slit, but some red shifted material visible at the very top. No Fe XXI.
20171214 05:24 B1.1 Faint but dynamic ribbon motion. Spectra show redshifted emission in prominent lines. C II and Mg II lines also show a core of absorption in the redshifted emission.
20171215 21:07 Unclassified Two ribbons visible at the footpoints of a dipole loop structure.
20180122 03:18 B9.5 Two ribbons remain from a flare, which started before the observation
20180207 18:03 B1.4 Two ribbons visible during deep exposures. Slit covers trailing ribbon.
20180208 19:46 B5.1 Eruption in the leading portion of the AR creates bright ribbon in the trailing portion.
20180208 21:08 B1.6 Flare shows brightenings indicative of an eruption in northern region. The northern ribbon is much brighter than southern ribbon.
20180208 21:22 B4.8 Flare ribbons in the same location as the preceding event. However, the southern ribbon is now brighter and extends farther than previous southern ribbon. The southern ribbon intensifies at least 3 times during the observation and produces significant ribbon motion.
20180209 14:54 B3.2 Lasso flare ribbon. Broad emission in spectral lines.
20180209 16:34 B4.6 Dense W shaped flare ribbons below trailing sunspots. SJI only.
20180209 18:14 B4.4 Similar W morphology to previous flare. Broad emission in spectral lines.
20180210 13:20 C4.6 Two flare ribbons visible south of leading and trailing sunspots. Fe XXI and XII visible. Large redshifted emission in prominent lines.
20180210 21:34 B4.7 Two flare ribbons with similar locations as the preceding flare (20180210 13:20). Flare occurred during SAA.
20180330 10:59 B2.1 Two ribbon flare near east limb in southwest region of plage.
20180401 12:46 B9.1 Eruptive flare in AR with sigmoid. Flare ribbons are visible at both ends of the sigmoid. The sigmoid also activates once before its eruption. Slit captures most of flare and eruption. Fe XXI visible.
20180424 22:24 no GOES Slit scans across ribbons
20180501 21:08 B1.6 Small eruption on the limb. Slit only catches tail end of decay phase.
20180523 07:51 B1.7 Ribbons visible, but very low counts in the 1330 channel. Slit does not intersect ribbons.
20180524 12:22 B9.8 Nice eruption covered by 64 step raster
20180525 01:11 B1.3 Small jet-like brightening, SJI only
20180526 04:20 B1.1 Nice loop flare and some distant footpoints. Slit over the footpoints.
20180528 17:15 B1.1 Failed eruption, slit covers base of the eruption.

20180530 18:14 B1.1 Brief flare at right edge of SJI
20180531 06:52 B2.0 Slit clovers region before peak intensity and shows broad emission in C II, Si IV, and Mg II lines
20180531 10:40 B2.6 SJI captures brightening in top right corner, cool flows visible in 2796 SJI near flaring region
20180531 22:56 B2.8 Flare occurs on right edge of SJI, slit captures some post flare brightenings
20180601 07:53 B1.1 Small raster covers flare, shows broad emission during flare. Mg II lines show strong blue shifted absorption transitioning to strong red shift absorption during the flare.
20180602 08:04 B2.4 Omega shaped flare ribbon, which is covered by the slit
20180602 18:22 B2.8 Two ribbon flare. More compact leading Omega morphology in leading ribbon. Slit covers trailing ribbon.
20180602 20:46 B1.6 Two Omega shaped ribbons with openings pointing in opposite directions. SJI only.
20180602 21:52 B2.0 Compact trailing ribbon crossed by slit. Only SJI contains leading linear ribbon.
20180603 07:53 B7.9 One linear ribbon visible in lower right corner of SJI, SJI only
20180603 17:47 B1.6 Slit covers linear, trailing flare ribbon
20180627 05:20 N/A No GOES, Small eruption, slit covers part of event
20181012 14:04 B7.1 Flare producing CME, slit covers ejecta, returning material, and flare ribbons
20190104 11:04 B4.2 Two ribbon flare with dynamic plasma visible above and between flare ribbons. Slit captures flare ribbons and dynamics of overlying material. Faint Fe XXI emission visible.
20190106 01:56 B3.1 Compact flare with leading ribbon slightly obscured due to proximity to the limb. The slit primarily captures the trailing ribbon.
20190106 13:33 B1.6 This flare produces a spire and is the first flare following the largest flare produced by the region. SJI only.
20190321 17:13 C2.6 Flare produces one small ribbon visible, which is captured by slit. This flare ribbon is secondary to the main flare C2.6 flare.
20190321 19:54 B8.8 Flare with a spire and broad base produces an eruption, which is captured by the slit. The spectra show dome-shaped blue-shifted emission in prominent spectral lines.
20190322 02:00 B6.7 Flare with a spire and M-shaped base produces an eruption, which is captured by the slit. The spectral show broad continuum emission and blue-shifted emission.
20190322 05:09 C4.8 The flare ribbons captured by IRIS are not the primary flare ribbons, but this secondary flare produces a semi-circular footpoint and an eruption. The slit captures spire-like blue-shifted emission.
20190322 07:54 C2.6 Secondary flare ribbons, which correspond with an eruption. The eruption and ribbons are captured by the slit. The eruption produces thin, high velocity blue-shifted emission.
20190322 10:14 C1.0 Region flares during 60 exposures. The slit captures increased continuum emission during the flare.
20190322 12:40 B8.5 Captures the end of an eruptive flare. Some blue-shifted emission is visible in the spectrum.
20190322 12:46 B7.0 IRIS captures an inverted J-shaped flare ribbon. The slit captures broad blue and red-shifted emission.
20190322 13:48 B4.9 Eruptive flare with a J-shaped flare ribbon. The slit captures the eruption, which shows spire-like blue-shifted emission profile.
20190322 14:13 B3.5 S-shaped flare ribbons with a spire of ejecta. The slit captures the eruption, which crates a spire-like morphology of blue-shifted emission.
20190323 02:57 B2.5 Compact flare with some ejecta, which crosses the slit.
20190323 12:10 B3.1 Deep 60 second observations when the region flared.
20190323 14:18 B3.0 Compact flare with a spire. SJI only.
20190324 02:28 B8.6 Compact flare with a spire. SJI only.
20190324 07:13 B4.3 Omega shaped flare ribbon. SJI only.
20190324 14:32 B2.6 Two ribbon flare with a material surge. SJI only.
20190411 17:12 B1.2 High cadence (4s) of small flare ribbon. SJI only.
20190412 11:29 B7.1 Single S-shaped brightening along filament. Slit scans brightening along filament.
20190413 02:24 B1.3 Two S-shaped flare ribbons appear back to back. The leading ribbon appears first, followed by the trailing ribbon. SJI only.

20190419 16:10 B1.3 Flare occurs in the northern part of the AR on the limb, so flare is visible edge on. The slit captures the tail end of the eruption associated with the flare.
20190420 00:39 B8.1 Flare occurs in the northern part of the AR on the limb, so the flare loops are visible edge on. The flare also creates some ejecta. While the slit misses the flare loops and ejecta, it does capture two eruptions in the southern part of the region.
20190503 22:49 C1.0 Flare in northern part of the SJI FOV. 320 step raster, slit crosses late in the event.
20190504 22:28 C2.1 Interesting flows along curved loops. Some brightening to the southeast of the AR too. Some faint Fe XXI near the top of the slit at about 23:00 UT.
20200430 08:02 None Slit crosses flare ribbons
20200430 11:18 None Compact brightening near center of FOV of SJIs, followed by brightening ribbons in upper right.
20200501 11:05 A6 Brightenings and mass flows. Slit crosses flows.
20200501 19:30 A8.3 Part of a large scan. Ribbons brighten, partially caught by slit
20200501 21:26 A3.7 nice post-flare loop structure in Mg h/k spectroheliogram
20200607 21:43 B6.4 Interesting breakout-like ribbon structure. Slit positioned on northern ribbon. No obvious Fe XXI in spectra.
20200816 17:26 B1.2 Two-ribbon flare with some possible ejecta. Ribbons start spreading right under slit. Some possible Fe XXI
20201104 19:08 C1.0 Compact flare right under slit. No obvious Fe XXI.
20201108 12:08 B6.2 Raster scan, slit crosses flare ribbons. No obvious Fe XXI.
20201113 00:04 B2.1 Small jet-like feature to the west precedes the flare ribbons, which are under the slit. No obvious Fe XXI.
20201113 23:59 B7.3 Bright compact footpoints under the slit. No obvious Fe XXI.
20201115 23:30 B2.4 Small eruption at the limb. No obvious Fe XXI.
20201122 23:56 C1.2 High cadence (2s) data of ribbons and small eruption in SJI. Slit not in the most interesting place.
20201123 08:20 B8.0 Some ribbon brightening. Large linelist.
20201123 09:35 no goes Small eruption with ejecta that moves to the south. Slit on an associated brightening. Large linelist
20201203 10:00 C1.2 Slit between ribbons, helical motions seen in ejecta
20201203 15:10 B5.3 Erupting loop, mostly missed by slit
20201207 01:23 B3.8 Erupting loop, mostly missed by slit
20201207 10:00 B5,4 Small flare missed by the slit during a big scan
20201209 00:33 B1.7 Slit covers ribbon and some ejecta
20201209 00:40 B3.2 Really interesting ribbon development covered by the slit. No obvious Fe XXI.
20201210 12:50 B3.1 Small flare with ejecta. Slit covers ejecta.
20201211 18:00 B5.0 Small flare. Slit on ribbon. No obvious Fe XXI.
20201227 02:29 B1.4 Small compact eruption. SJI only.
20210121 09:17 B1.1 Ribbons seen in the SJI. Slit missed the ribbons.
20210121 22:42 B1.3 Ribbons under slit. No obvious Fe XXI. Full spectral readout.
20210122 09:42 B1.5 Ribbons under the slit. No obvious Fe XXI.
20210129 09:45 B2.5 Interesting convergence of flare ribbons. Slit crosses ribbons. No obvious Fe XXI
20210210 12:00 B5.7 Slit over ribbon. Some possible ejecta seen. No obvious Fe XXI.
20210220 11:53 B1.1 Small eruption. SJI only.
20210228 00:11 B1.4 SJI only.
20210312 18:56 B2.5 SJI only, only partially viewed at the very top of the FOV
20210322 01:10 B5.6 Slit covers ribbons during large raster. No obvious Fe XXI.
20210609 03:35 B3.1. Nice flare loops on the limb, coverage with slit
20210627 20:17 B3.3 Slit over main flare eruption. No obvious Fe XXI.
20210628 01:57 B5.0 Sustained doppler widths in most lines. Ribbons visible under slit and off to the left of the FOV

20210629 12:15 B8.6 Plasma loops arcing over the slit with minor Fe XXI line
20210629 18:25 B3.2 Ribbon structures crossing over slit. No obvious Fe XXI
20210630 03:05 B4.8 Slit misses main flare but covers remaining plasma structure
20210630 17:00 B3.4/C1.4/C3.6 Ribbon structures crossing over slit after three main flares (missed by slit)
20210703 21:10 B5.1 Multiple bright flows out of region with downflow ejecta, missed by slit
20210707 04:09 B3.4 Small jets and flare at limb with no Fe XXI visibility
20210716 16:00 B1.9 Small ribbon flare, missed the slit, no Fe XXI visible
20210717 17:10 B1.3 Small ribbon flare under the slit, no Fe XXI
20210721 08:15 N/A Series of several smaller ribbon flares, partially under the slit
20210721 16:00 C1.2 Large jet from AR12849 visible at limb. Partial capture of flare in the lower corner. No slit.
20210721 18:35 C1.4 Short flare captured under the slit. Small Fe XXI visible at peak of flare.
20210722 15:00 N/A Flare in AR12849 observed at the limb with a large amount of matter ejected under the slit
20210723 13:54 B2.9 Quick brightening under the slit. No Fe XXI visible.
20210724 11:00 N/A Short duration brightening under the slit.
20210824 13:00 B9.0 Flare with omega shaped ribbon with large amount of swirling cooler material ejection
20210824 14:00 B3.3 Small isolated ribbon structures with minimal brightening
20210824 14:40 C1.7 Slow forming ribbon pattern develops covering left portion of SJI, not under slit
20210827 20:30 C1.4 Short eruption in upper right AR region, partially under the slit
20210827 20:46 C7.4 Multiple large ribbons, Strong Fe XXI lines visible
20210828 17:17 C1.7 Small jet formation, mostly under slit
20210828 00:45 C7.5 Double ribbon structure, arc of material forms across region, Strong Fe XXI lines visible
20210829 17:50 C2.9 Small set of ribbons and material expanding out from brightening region
20210830 18:26 B7.9 Small formation of short duration ribbons
20210830 20:45 C1.7 Circular ribbons in eastern portion, misses slit
20210830 21:40 C3.0 Decent sized circular eruption to the left of the slit, eruption spirals out while brightening
20210908 17:11 C8.3 Ribbon flare, persistent redshift, falling material, Fe XXI present
20210908 10:20 C1.2 Ribbons flare, western portion under limb, no redshift or Fe XXI present
20210923 04:40 M2.8 Caught end during B1 tracking, short observations, Fe XXI present
20210923 15:30 M1.8 Caught initiation phase and ribbon structure, scan ends as flare fully begins
20210924 06:30 C3.0 Smaller ribbon structure with filamentary structure and some strong red shifted ribbons
20210925 11:30 C1.0 Captured under slit, core of intensity, no Fe XXI
20210925 15:00 C1.8 Flare Missed slit for smaller ribbon structure flare, no Fe XXI present
20210926 00:30 B6.3 Small brightening under the slit, Fe XXI present
20210926 07:00 B4.3 Smaller flare, Missed slit, no Fe XXI present
20210926 11:30 C1.6 Bright ribbon structure captured partially under the slit, short duration, no Fe XXI present
20210929 12:49 B5.4 Bright ejection of small amount of matter under slit, some spiraling action as matter is released
20210930 11:48 B6.5 Short brightening under the slit, no Fe XXI present
20211003 12:30 B1.8 Large prominence visible, not under slit, flare throws out small amount of material
20211014 13:00 B1.2 Small and short flare from region under the slit
20211026 23:19 N/A Round ribbon flare develops under the slit, no GOES class
20211028 13:21 C3.3 Explosive flare event captured under the slit during scan, no Fe XXI lines
20211028 13:59 C3.8 2nd Explosive flare event captured during this scan, not under slit
20211028 17:25 N/A High resolution data on circular ribbon flare under the slit, no GOES class
20211029 07:34 C1.1 High cadence flare data of brightening flare, no Fe XXI lines
20211029 10:46 B7.3 Small portion of flare captured in lower right corner
20211029 11:26 C1.5 Small portion of flare captured in lower right corner
20211031 01:25 B8.5 J shaped flare erupts and travels under the slit at the end of dataset
20211102 02:27 M1.7 Slow cascading, long duration M class flare captured during scan, strong Fe XXI lines
20211204 15:48 C1.8 Large loop structure with come coronal rain, helical structure, partial slit, strong Fe XXI lines
20211204 17:02 M1.4 Multiple large loop structures from region off limb, Fe XXI lines, large amount of rain, under slit

20211204 19:30 C1.2 Mostly behind limb, some activity visible, not under slit
20211208 17:15 N/A Small flare up, short duration, under slit, no Fe XXI lines, no GOES class, all A level activity
20211214 16:00 C1.1 Expanding, erupting loop missed by the slit with partial ribbon
20211215 12:30 C2.6 high cadence flare program, Partial capture by the slit
20211217 01:15 C1.5 High cadence flare program, fast ribbon expansion, activity capture under the slit
20211218 11:24 B9.0 high cadence flare program, misses slit entirely, short duration
20211217 14:00 C1.0 Flare captured with HOP307 scan
20211224 02:00 C5.1 Activation of two ribbon structures, not under slit, coronal jet structure
20211224 10:15 C4.2 Large eruption under slit, strong field lines visible
20211228 20:00 C1.4 High cadence flare program captured under the slit
20211229 11:35 N/A Minor eruption captured under slit
20210107 08:00 C1.1 Missed ribbons with the slit, some loop structure, no Fe XXI lines, high cadence
20210107 10:00 B5.9 Small brightening and ribbon structure, high cadence
20210107 17:00 B6.8 Brightening structures, little activity along the slit, multiple smaller structures, high cadence
20220114 19:30 C2.5 Side view of flare near limb with some material ejection, not under slit
20220114 21:30 C1.3 Short duration brightening seen from side angle at limb, misses slit
20220115 08:00 C4.2 Visible ribbons captured under the slit during event, cascades out from region,, missed peak
20220116 18:00 C1.1 Missed peak, high cadence, bright ribbon under slit, little activity
20220118 17:45 M1.5 FULL FLARE CAPTURE WITH HIGH CADENCE, captures full development of the flare with two ribbon channels forming across the FOV, one under the slit
20220120 01:24 B7.0 Small flaring activity leading up to the M class flare (missed), no major lines
20220125 22:40 B3.0 High cadence observations of small flare, jet with material flow partially under slit
20220128 17:30 C3.1 Eruption in upper corner of SJI, slit captures edge of material as activity subsides
20220129 22:10 C2.0 Ribbon flare captured under slit, captures tail of the flare, no major lines
20220130 06:40 C1.6 Bright burst at top of SJI, material captured under slit, no FeXX1 lines visible
20220201 11:00 N/A Small flares captured under slit with high cadence data
20220202 22:00 C1.0 Flare captured under scanning slit, flare ribbons trailing into center of sunspot
20220203 13:45 B2.5 Small amount of low-level flare activity observed
20220213 21:37 C7.1 Not center of flare event, large brightening ribbon seen under slit extending out
20220216 23:33 C1.1 Off limb flare study, large amount of flare/jet activity, multiple eruptions visible under the slit, visible FeXX1 lines, also captures smaller B class flare
20220217 03:13 C1.0 Off limb flare study, continued flare/jet activity, multiple eruptions visible under the slit and visible off of the solar disk, visible FeXX1 lines
20220217 05:56 C2.3: Continued off limb pointing, slit off of main activity, similar side-on jet as the previous two observations sequences, coronal rain and other hot gas events visible throughout these three sequences
20220304 06:34 C1.1 High cadence observations, short duration flare under the slit
20220304 14:06 B7.4 Ribbon flare not captured under the slit
20220304 21:00 B8.0 Fast ribbon crossing the slit, short duration
20220306 13:00 C1.0 Large flare during scan, partially captured under the slit, some FeXXI lines at peak of flare
20220314 08:50 M2.0 Split between observations, missed main part of the flare, outside frame for second high cadence observations, some lines visible in first observation set
20220310 19:30 B4.0 Part of flare visible outside frame, some material visible, not under slit
20220311 14:45 C1.6 Slit cross small part of flare, small brightening, main event outside frame
20220312 14:46 B2.1 Small microflares partially under the slit, minimal activity
20220315 15:32 C1.0 Small brightening ribbon mostly outside field of view, does not extend to the slit
20220316 00:09 M1.5 High-cadence observation from IRIS during the decay phase of this flare, with the slit crossing the western part of the flaring loops
20220330 17:21 X1.3 Major flare, cascades out from multiple ribbons with flow activity in between both channels, partially under the slit with strong lines
20220331 18:30 M9.6 Large flare, brightens quickly then dissipates slowly, partially under slit, strong lines at peak

20220402 17:40 M4.3 Long bright channel quickly flares, not under slit, goes across full FOV top to bottom
20220403 04:05 C2.0 Bright and fast flare near the limb, not under slit, good amount of material eruption visible
20220406 03:52 N/A Microflare with light bridge visible under the slit, minor flare but interesting looking
20220409 18:41 C1.1 Minor eruption with jet captured under the slit at limb observations of AR, no strong lines
20220412 14:45 C.1.1 Flare visible during scan, brightening ribbon visible in lower corner, not under the slit
20220422 05:30 M1.1 Decay phase of flare, bright ribbon visible, fully under slit as flare activity decays
20220423 17:00 C1.3 Captures end of ribbon flare with minor activations, short brightening under slit
20220426 20:50 N/A Filament activation with brightening loop early, two double ribbons without GOES class at end
20220427 08:39 C3.3 Dark plasma flow visible to the right of the slit resulting from C-class flare, main flare missed, full flare and plasma flow visible in interesting associated AIA movies
2022042718:55 N/A Small flares and ribbons under slit, no major lines visible, no GOES class association
20220430 19:45 M1.9 Two major explosive flare events from AR12995 at the limb with M class first and then C2.5, large amount of material ejected during both events, not under slit so minimal line activity
20220430 21:56 C1.0 Minor jet/flares visible at the limb, not under the slit
20220506 04:47 N/A No GOES class event in high cadence, small eruption and brightening event partially under slit
20220507 06:53 N/A Low telemetry flare without GOES class, no strong lines, small amount material eruption visible
20220506 16:22 C4.8 High cadence flare with large ribbon structure captured under the slit, minor lines visible
20220504 17:00 M1.5 Hook shaped ribbon not under the slit, quick brightening structure
20220505 14:10 M2.7 Quick burst of hook shaped ribbon pattern barely missed slit, minor lines visible from partial slit crossing of section of the event
20220504 00:19 M5.3 Complicated loops visible off the limb, material rains to surface before eruption of main flare that explodes out from the disk, majority of material captured under slit, very visible major lines including FeXXI
20220504 07:30 M5.7 Only visible in 2832 due to OBS program but high energy visible, brightening seen across the region, ‘white light flare’ partially under the slit
20220511 05:55 C2.5 HC observations, brightening eruption event visible in upper corner, not under slit, material flow visible that does cross the slit
20220511 22:38 N/A HC flare eruption under the slit, no GOES class, no strong lines visible
20220512 13:00 N/A No associated GOES class in visible flares, southern part of flaring region on the slit, 3 separate flares, short duration ribbon brightenings, main activity outside of FOV
20220513 00:07 N/A HC minor flare eruption, tail of ribbon under the slit, no GOES class, minor activity before event
20220513 04:50 C2.6 Capture of large curvy ribbon under the slit, microflares following main event
20220513 16:22 N/A HC obs of microflares with first under the slit for the duration of event, no GOES
20220512 10:45 C2.8 Missed major part of C2.8 flare under the slit, visible with a bright ribbon mostly to the right of the slit, 2nd, eruption from C2.0 flare under the slit was captured with a large twisting ribbon across the FOV
20220518 05:23 C2.5 HC observations, Foot points of flaring loop visible, main flare event outside FOV
20220518 21:45 M1.1 Buildup to M class flare but misses main event in time and to the left of FOV, small eruption event partially under the slit with some spectrum but observations end right at the beginning of M flare activity
20220518 23:30 C3.8 Eruption event caught in AR13015 with some swirling material ejected, primary event occurs in region to the left of FOV, so this event may not actually be associated with the C class flare from region 13014
20220519 05:45 C5.5 Bright ribbons sit without moving much for several minutes, barely under slit, some other minor activity surrounding region
20220519 10:00 M1.5 Full view of region with build up and post flare visible, very bright flash of ribbon right before and into SSA event, can’t determine lines due to SAA occurring exactly as flare peaks
20220520 07:45 M3.0 Large brightening visible in bottom corner of FOV, full event visible but not at all under slit, slow dissipation of bright material following main flare event, no lines visible due to slit placement
20220523 10:43 C5.2 Captures ribbons from C2.0 flare first then also captures more intense C5.2 flare after under the slit, very interesting looking event, moderate lines visible at peak of the event
20220524 12:14 C3.6 HC program, Main event missed slit, short duration brightening in upper corner of FOV
20220525 14:45 C2.1 Brightening close to center but main event to far right side of FOV, no slit coverage, bright close to limb

20220617 10:30 C5.6 Two C-level flares captured under the slit, minor brightening ribbons across full FOV
20220621 16:00 N/A Two loop structures visible at limb with activity, large swirling eruption captured outward under the slit, no associated GOES class but significant event
20220625 22:40 B6.6 Small brightening event captured under slit during AR scan
20220626 07:55 C1.9 Material can be seen flowing from below FOV, missed main portion of flare, second C2.9 flare can be observed around 8:07 that is more in frame and partially under the slit, interesting ribbon pattern at peak
20220626 15:55 B5.0 Small brightening event captured under slit during AR scan
20220708 03:42 C1.0 Multiple ribbons captured under slit during the scan, twisting flows visible
20220708 21:30 M2.5 Missed initiation of main flare but captured last phases partially under the slit
20220711 06:40 C2.9 Large amounts of sustained activity under the slit with multiple smaller flares including the main C class flare
20220713 07:32 C2.3 Brightening ribbon captured under slit during scan
20220713 16:20 C2.2 Small brightening ribbon from flare visible during scan, partially under the slit at end of scan
20220714 18:00 N/A Small jets visible and then flare ribbon visible under the slit, minor event
20220715 14:15 Large amount of material from filament eruption at the center of the disk flows into view of AR being observed near the limb, dark material flows across entire field of view and fully under the slit, really cool video
20220721 11:48 C2.6 J-shape brightening event directly under the slit, stays bright for a decent amount of time
20220721 23:30 C6.1 Quick and bright flare observed at limb, large amount of material ejection observed under slit, some strong lines visible during scan
20220722 16:54 B9.8 Small event of material swirling around partially under the slit, no brightening seen
20220723 22:30 C3.6 Multiple bright spots emerge during observation at limb, then large jet structure emerges for main flare under the slit
20220726 23:56 B3.2 Multiple B class flares captured at limb, full material ejection observed under the slit, coronal rain of material and the emergence of a prominence structure also visible
20220730 14:00 B2.8 Quick flash during scan, not under slit
20220731 17:20 B4.4 Two segments of brightening ribbons from a low level flare, slit is between ribbons
20220801 07:09 B5.2 Two B class flares captured during coordinated scan, first is small ribbon missed by slit, second is the 5.2 is a larger and brighter ribbon in the same location also missed by the slit
20220802 08:31 B7.1 Partial capture of mid-level B flare during scan, bright, peak missed due to scan pattern
20220803 17:00 C6.9 HC flareline observation of a high energy eruption. Large amount of material can be seen ejected during the first large C6.9 flare and then a small follow up B6.4 flare pops up. Impressive video of material release in HC
20220805 14:20 B7.3 Captures footpoint of flare that starts far to the left of the FOV, ribbon travels from out of FOV to center point, continued lower level activity visible throughout besides main flare
20220811 06:58 C1.1 Scan of region captures full cascading ribbons of C class flare, originates at the right and flows over throughout the scan
20220816 20:30 C1.7 Cut off by instrument reset before main flare, flows of long loops still visible, also missed a potential M flare due to instrument issues during this observations
20220817 05:00 C2.8 Ribbon event with multiple brightening loops, some events under the slit, several brightening and fading loops
20220817 11:00 N/A GOES data not available during this time, burst of material released from AR at beginning and end
20220817 19:00 B8.5 BBSO Interesting shape formation and quick brightening events, flows along loops and flare ribbon formation consistently throughout dataset, off slit for most events
20220818 06:00 C5.7 Early eruption with good amount of material from active braided structure in AR13078, smaller ribbon formation and ejection of material along the slit later in observations
20220818 08:30 C3.6 HC Capture of flare under the slit, swirling material leads to S shapes material eruptions
20220818 10:15 M1.5 End phase of M1.5 visible at beginning of dataset,Material flow from the top, starts with brightening and has consistent ribbon structures around the regions that brighten, interesting structure and movement

20220818 14:00 M1.3 Partial capture of flare event, M flare located in lower left corner of FOV with an additional C flare later from same structure, missed slit
20220818 17:00 C6.3 19:30 Large bright channels of activity, large event partially under the slit first, helix twisting eruption, largest flare eruption at the end of dataset
20220818 C4.4 Ribbon brightening cascade captured partially under the slit
20220818 02:15 C3.3 Small braided structure next to main sunspot has flow of material and full bright ribbon formation, partial slit coverage
20220819 05:00 M1.6 Wall of bright ribbon structures looping around bottom, same braided structure with large activity, eruption event from looping structure partially under the slit
20220819 08:00 C4.5 HC Capture of flare not under the slit, large S shaped brightening with material ejections
20220819 10:30 C3.0 structure captured under the slit, large amount of material ejection from bright event, very visible lines
20220819 13:50 B7.5 Structure missed to the left of the slit, brightening event from top to bottom of FOV
20220819 15:00 C1.2 Braided structure captured fully the under the slit for large eruption
20220820 02:30 B7.2 Nice little jet at the start of dataset, brightening loop forms just to the left of the slit
20220821 03:15 B3.5 Flare study B, loop brightenings under the slit as the region decays and quiets
20220825 11:52 C1.4 Low level of activity observed during flaring period of AR, bright flashes but no large flares
20220826 C7.2 06:07 Capture of 2 C flares, first produces bright region away from slit, second flare forms around the upper portion of the FOV with parts under the slit as material flows with continued activity following main flare
20220827 01:50 M4.8 Sit and stare observation right over main active region during flares, C flares building into main M class flare, multiple ribbons observed followed by on disk coronal rain
20220827 06:53 C8.8 HC Cadence observations of flaring region, full buildup directly under the slit with increase in brightness as event unfolds, peaks in large bright region before slowly decreasing as material flows away
20220827 09:11 C4.4 Activity under slit consistently producing strong line signatures, recurring jets associated with main flare event observed just next to the slit with multiple eruptions throughout dataset
20220827 11:29 M1.2 Quick bright flash not under slit for M flare, continued activity following including recurring jet structure next to slit, large jet from C8.8 flare at 12:41 directly under slit with very strong visible lines, and a C9.6 flare from same jetting region directly under the slit with large amount of material from the jetting structure
20220828 03:31 C7.4 Observations of 3 mid level C class flares in region near the limb, first and largest occurs with bright material lifting from the disk away from the slit, jet occurs following flare under the slit, continued activity from jetting region away from the slit and smaller activity from region under the slit
20220828 13:22 C5.3 High-cadence observations near the limb captures brightening event from C5.3 flare at end of observation period, small bright structure forms coming out of solar disk
20220829 14:46 M2.5 Large amount of at limb activity including a bright looping structure forming directly under the slit during M2.5 flare, diffuse structure emerges and potential SADs emerge at end of dataset
20220830 07:52 C2.4 HC Observation, small bright region emerges partially under the slit with small amount of material flow
20220830 13:35 C2.1 Large material ejection with visible vortices, first flare non-GOES followed by C flare, swirling material along the limb produced by initial flare, material ejected by C flare remains in turbulent swirling structure
20220831 07:30 C4.3 HC Observation, development of flare with cascading ribbon originating under the slit, ribbon structures branches out across FOV before slowly fading away
202200901 00:01 C1.3 HC observations of two low level C flares, oddities among emission lines, first flare has a circle bright region remerge with jet of bright material, second flare shows curved ribbon structure emerging with material downflows
20220902 23:15 C1.8 Consistent flicker of activity throughout observation, full bottom section of region brightens during flare before fading, then middle section of the region brightens and fades, 3 distinct phases of flare
20220903 10:11 B9.0 HC Observation, region above the sunspot brightens in a flowing J shaped pattern before fading, not captured by slit, minor smaller events following flare
20220903 12:25 C2.1 Consistent flicker of activity, bright flash at peak with some ribbons under the slit, partial activity just below FOV, jets from flaring region following main flare

20220903 21:30 C2.8 Smaller flare at beginning of observation, bright structure emerges directly under slit for main flare resulting in jump in brightness, strong lines visible in spectrograph, fades quickly
20220904 02:51 C6.5 Interesting material and ribbon flows at start of observation, two bright flashes from region north of the sunspot, following by ribbon structures brightening in the region south of the sunspot, partially under slit
20220906 09:20 C4.0 HC observation at limb, bright swirling material visible as the region moves behind the limb
20220909 15:30 C1.1 HC Flare watch, material flow under the slit results in bright flare ribbons forming across the FOV, interesting ribbon structure during peak of flare
20220910 18:25 C2.2 Multiple series of C class flares occurring throughout dataset, flickers of flaring activity with some ribbon structures
20220910 22:45 C1.6 HC flare watch, short brightening occurs under slit
20220912 12:18 C6.3 Rapid brightening and small ribbons as a result of C class flare from above the FOV
20220915 19:20 C1.6 Flaring activity at the limb in AR13098, persistent jet observed at limb, quick flaring event under slit with bright material looping out and back down to the disk and some small activity following
20220916 03:02 C2.6 Large jet structure visible at limb, on disk slit positioned over ribbon flares due to C flare as well as persistent jetting structure
20220916 06:15 C3.2 At limb observations, slit on disk captures ribbons from C flare
20220916 15:49 M6.2 At limb observations of M class flare, mostly misses slit, loops form at limb with the flare forming a diffuse region after the peak, main eruption rapidly spreads down the limb, impressive dataset
20220920 11:13 M1.0 Small microflares build to a rapid brightening of region surrounding sunspot with bright material captured under slit
20220920 16:24 C3.8 with additional C flare cut off by end of observations
20220923 10:38 N/A No GOES class associated with large eruption event throwing off a cloud of material
20220924 06:58 C3.0 High Cadence observation, multiple bright regions form around the slit and persist independently for several minutes before fading
20220925 06:12 C4.2 High Cadence observation of ribbon structure across the field of view and under the slit, slowly develops across observation
20220928 00:45 C3.4 Multiple low level C class flares observed in high cadence with largest partially under the slit at the beginning, short bright region formation with each flare without any ribbon structures
20220929 13:30 C5.0 Quick C flare during scan of AR13017
20220930 07:18 C5.5 Large amount of activity including a C5.4 and C5.5 flare are the limb in AR13112, suspended material and coronal jets/looping structures also very visible throughout
202200930 14:16 C7.8 Large amount of activity at the limb observing AR13112 including 4 C class flares. Large looping structure forms multiple times with diffuse material. Large jet also appears.
20221001 03:40 C2.1 Pointing too far off limb but observed a C2.1 flare in AR13112 at Limb
20221001 04:30 C3.8 and C2.3 flares observed at limb in AR13112. Large loop structure also emerges under slit
20221001 13:00 C3.5 Long duration flare visible on disk during off limb observations, loops and jets also visible
20221001 18:27 C2.4 Bright flash captured under the slit during BBSO coordination
20221001 19:58 M5.8 Flare in AR13110 mostly missed but partially visible in upper portion of FOV
20221002 15:45 M1.0 Flare in AR13112 mostly out of frame but partially visible in HC observations
20221002 20:25 X1.0 Mostly out of frame X1.0 flare in AR13110
20221002 23:08 C9.1 Flare in AR13112 during scan, M flare mostly not visible at end of observation
20221003 15:30 M1.6 Flare captured during scan of AR13112, large eruption and brightening occurs directly under the slit, FeXII lines visible at peak
20221005 08:15 C2.1 Flare with small ribbon structures briefly visible during scan of AR13112
20221007 18:50 C4.2 Bright ribbon structure emerges under and along the slit with some lines visible
20221010 14:30 M2.4 Large flare observed during scan, missed slit
20221113 18:16 C3.7 Bright region quickly flares in the lower part of the FOV, mostly misses slit
20221114 17:00 C5.12 Defined ribbon eruption under the flare, Mg II triplet inversion visible in spectra images
20221118 14:25 N/A Large amount of low lying loops and reconnections at the limb, minor brightening activity along with loops at end of dataset but no GOES classification

20221207 01:10 C1.3 Small capture of ribbon partially under the slit, with second smaller flare without GOES class
20221208 05:50 C1.3 Capture of ribbon under the slit
20221209 11:20 N/A Eruption of material flowing out from region down and over the slit
20221212 14:00 N/A Energetic swirling of brightening material at the limb with coronal rain following falling back to the surface, no associated GOES class but flare event at limb
20221214 05:30 C5.9 Limb flare captured under the slit, swirling channel of material comes off from the disk
20221214 08:37 M1.1 Bright flare captured at limb directly under the slit, initial jet of material visible off the limb before swirling brightening occurs on disk followed by twisting up flows of material and loops, strong lines during peak
20221214 13:00 N/A Additional large and fast eruption at limb from the region above. No GOES class but looks to be a large flare, short and bright burst throwing material upwards
20221215 10:30 M.1 Missed majority of M class flare from the region, but small flare activity visible
20221215 12:00 C6.0 Network of bright activity activates across the region before slowly fading, under the slit
20221215 13:17 C8.2 Large loop from flare structure slowly unfurls and falls back to disk during flare, C9.8 flare develops at the end of dataset
20221215 16:45 M1.1 Eruptive flare event sending material off disk, M2,0 flare following initial eruption, multiple smaller events follow, under the slit with very strong lines at peak of the event
20221218 15:00 N/A Off limb brightening shape of material emerges and swirls around, likely flare associated but no GOES class from the event, missed by slit
20221220 16:30 N/A Small brightening with jet, occurs twice in successive scans in a very similar fashion which is interesting, but no GOES class small flares each time
20221221 05:30 C7.6 Small ribbon emergence from C flare with counterclockwise rotation observed in activity, additional C flare in decay phase at start of observation
20221225 11:44 C1.6 Short brightening captured under the slit
20221226 05:37 C2.5 Large pocket of eruptive material at the start of the observation captured under the slit with ribbons following
20230102 09:56 C2.8 Quick brightenings on multiple flare ribbons occurring under the slit
20230103 01:51 C1.1 Short eruptive ribbon in upper FOV under the slit with material flow following
20230105 23:40 X1.2 Build up to to X class flare, initial brightenings can be seen at the start of 01/06, coronal rain visible flowing down to the limb
20230106 01:08 X1.2 Tail end of the peak of the X flare, large diffuse loops structure with Fe XXI line visible, brightest material from the flare below the FOV but partially still under the slit, very strong lines
20230106 02:44 X1.2 End of the X flare, Very large and detailed loops structures visible that were previously seen in Fe XXI in previous observations swirling around, strong lines continue
20230110 09:00 N/A Small eruption and brightening not captured under the slit, very similar to below event except smaller
20230110 11:05 M1.0 Slow developing brightening to the left of the sunspot, misses slit, larger version of events above and below this entry
20230110 12:22 N/A Small eruption and brightening not captured under the slit, very similar to above event except smaller
20230110 14:47 C8.7 Large eruption of material from same region as above to the left of the sunspot, quick brightening turns to ejection of a decent sized amount of material, still not captured under the slit
20230118 15:23 C3.4 Multiple ribbon C class flares captured under the slit in higher cadence, Long build up to flare under the slit with multiple ribbons developing, strong lines visible
20230121 16:21 C5.0 C class flare under the slit raster, ribbon activity cascades out from small brightening
20230122 00:15 N/A Quick brightening cascades into ribbons filling most of the small FOV, mostly under the slit, No GOES class
20230122 02:10 C7.0 Large C class captured under the slit with activity across full field of view at peak
20230125 22:23 M2.0 Large flare captured at the limb under the slit, fast brightening with strong lines present
20230128 09:00 C2.8 Multiple C-class flares develop in compact loop structure with the base captured under the slit, flickering brightenings as loop dissipates throughout observations.

20230130 20:58 C2.1 Rapid development of complex ribbon structures, central portion captured under the slit, material released and flowing across the FOV
20230203 00:25 B8.8 Minor bright ribbons, missed by slit
20230203 02:49 C3.9 Faint ribbons result in flow of material under the slit as brightness fades, no major lines visible
20230203 09:30 C1.4 Quick ribbon flash partially under the slit followed by brightening of region in lower corner of FOV
20230203 15:30 C2.9 Capture of multiple C class flares with ejected material under the slit with partial ribbon captured under the slit as well, multiple cascading events
20230208 16:00 M1.6 Missed main component of the flare but captured some large ribbons and activity at the footpoints of the flare, slit directly over excited ribbon structures
20230209 05:20 C6.0 Higher cadence observation of C flare, brightening develops directly under the slit with small outflows of materials visible in a jet structure, turbulent events and small ribbon brightening in other regions
20230209 12:20 C8.4 Curled ribbon structure emerges to the left of the slit, minor bright spot appears directly under the slit with some minor turbulent activity from bright spot
20230209 14:56 M1.5 Quick series of ribbon activity with activity across the FOV, strong lines visible at the peak of the flare
20230209 18:48 M1.8 Rapid flurry of bright activity captured under the slit, no special features but strong lines throughout observations
20230210 02:30 M3.7 Rapid brightening of ribbons across the AR and the FOV, Captured under slit with some lines visible at peak of the flare
20230211 12:00 M1.5 Multiple M class flares captured from single region during observation period, potentially 3 separate M class flares captured under the slit with bright ribbons, first fare is a quick eruption fully visible in FOV, while the second appear as ribbons with the main activity outside the FOV
20230211 15:48 X1.1 Major eruptive flare captured directly under the slit, build up phase observed leading to large release of energy and material which returns partially to the disk, major lines visible throughout the event
20230212 15:38 M1.0 Bright eruption and downflow of material above sunspot, only caught tail of event under the slit but some lines still are visible
20230214 05:45 C9.6 Smaller flares producing loop structures visible at the limb, region mostly behind the limb
20230217 09:30 C2.3 Small flare captured near limb, mostly outside of FOV and not under the slit
20230217 20:00 X2.3 Large flare captured at the edge of the FOV, majority of the action missed by the slit and FOV but very interesting loop structure emerges in layers as long duration flare unfolds, portion of snaking ribbon can be seen moving towards the limb, slit only reached very edge of diffuse and loop structures, catches nothing on disk
20230220 15:00 C5.5 Two mid-level C class flares, first is a quick brightening, the second is a much larger brightening with a few flashes before fading, not much captured under the slit
20230222 10:20 N/A Eruption captured under the slit with material loop forming before falling back down, no GOES class associated with event
20230228 19:00 N/A Large prominence eruption captured under the slit at the limb, large amount of material thrown off the disk, no GOES class but large and interesting event at the limb
20230302 10:10 C3.1 Brief flare ribbon captured under the slit
20230302 22:00 M3.8 Filament eruption associated with a flare, partially captured under the slit during scan, large material ejection
20230303 08:46 C5.1 Consistent C level activity producing several bright flashes under the slit
20230304 23:40 C3.3 Smaller flare captured during scan of region, main event under the slit
20230305 02:00 M1.3 Larger bright and eruptive flare at the limb, most of the event towards the lower part of the FOV, mostly not under the slit but coronal rain following
202230306 17:35 N/A Large flare ribbon across FOV of scan, No GOES class
20230307 09:00 C3.0 Small bright flash at region at the limb, under the slit
20230308 10:00 M1.2 Large M flare briefly seen during scan, following observations scan over remanent of flare
20230309 00:55 C4.3 Eruptive flare captured under the slit, small initial bright flashes followed by main event
20230309 C1.4 Brief flash of ribbon flare partially under the slit

20230310 07:15 C7.1 Majority of the event above the FOV, ribbons from main flare cascade down into the top of the FOV, mostly not under the slit
20230312 10:15 C1.6 Brief C flare from top to bottom with ribbon forming and quickly dissolving under the slit
20230413 10:30 C8.3 Linear ribbon eruption with hook shape at the top, most of activity captured under the slit
20230418 11:36 N/A Short eruption event with material flowing across the slit, no GOES class associated
20230420 22:30 N/A Quick curled flare ribbon forms partially under the slit, from region that produced eruption event leading to geomagnetic storm, this event is much smaller and major event wasn't captured
20230427 11:30 N/A Flare captured under slit during scan of AR13288, minor FeXXI lines present
20230427 12:30 M1.8 Missed main phase of flare in AR13288, but observed decay phase with additional smaller flaring activity, partially under the slit
20230428 20:20 C4.2 Ribbons from flare event with some jets and other structures, majority of event not captured under the slit
20230428 22:00 C7.2 Large amount of ribbons and eruptions with some events under the slit during sit and stare
20230427 19:30 C1.5 Quick burst captured during scan of region, partially under the disk
20230501 13:02 M7.0 Majority of flare not captured in FOV, some parts of the flare barely visible in lower portion of FOV, nothing under the slit
20230502 06:03 C5.1 Slow brightening build up visible next to main sunspot, eventually brighter ribbon structures emerge under the slit during main phase of the flare
20230502 10:30 C1.3 Ribbon crosses under the slit from smaller flare event, large C2.4 flare can be seen in lower corner of the FOV
20230503 09:30 M4.2 HC observations, same observation as two below, extremely active time period of AR13296, entire build of of flaring phase visible, bright semi-circular structure emergers with parts under the slit, small amount of material blow off before it recedes
20230503 10:00 M3.1 HC observations, same observation as above and below, extremely active time period of AR13296, semi-circular structure re-emerges with additional ribbons full under the slit, material can be seen to flow back across the FOV,
20230503 10:45 M7.1 HC observations, same observation as two above, extremely active time period of AR13296, largest of the flares from this set, smaller brightenings build until large eruption from the upper part of the structure, very bright with a large amount of material lifted off and falling back down under the slit
20230503 13:45 M2.2 HC observations, extremely bright full flare captured under the slit, highly eruptive M class flare along with smaller C class flares visible during observation, interesting ribbon structures and plasma flows develop, strong spectral lines
20230504 18:15 C3.0 Observed during the EVE sounding rocket coordination under the slit, two smaller C flares follow
20230509 08:14 C5.2 Multiple flares captured during observation, C flare seen partially in lower corner
20230509 10:20 M1.4 Multiple flares captured during observation, footpoint observation of M class flare
20230509 11:15 C6.9 Multiple flares captured during observation, full linelist Large eruptive C flare captured fully under the slit in high-cadence. Region produced multiple C class flares and an M flare in this observation that are mostly outside the FOV, but this event occurs directly under the slit with large flows of materials away from the impulsive event.
20230509 14:05 C6.5 Minor activity leads to large bright ribbon flare captured under the slit with ribbons spanning the full FOV
20230509 20:52 M5.0 Partial capture of a large M5.0 flare from AR13296. Flare occurs in multiple parts in different places with flowing material from AR13296 seen to move towards AR13297 in the IRIS observations. Cascading brightness turns to continual ribbon structures.
20230510 14:15 M2.2 M flare captured mostly under the slit, long duration bright structures form and cascade out slowly, stray ribbons visible from additional activity.
20230510 19:42 C4.4 Flare in AR13296 partially visible in upper corner of FOV with no slit coverage
20230511 13:43 C6.2 Partially seen to the left of the FOV with cascading activity making its way into the FOV but not to the slit

20230511 20:15 C3.8 Flare from AR13296 visible in lower portion of the FOV, bright material flows upwards and is partially captured under the slit
20230512 23:24 Large amount of ribbons from during C5.5 flare from AR13296
20230517 17:54 C2.8 Two ribbon flare loops partially cross under the slit
20230519 04:49 M2.5 Eruptive material from M flare partially visible in FOV, main target was at limb so no slit coverage
20230520 14:54 M5.7 Multiple flares during observation, two sets of bright ribbons repeatedly form during flares, right ribbon partially under the slit
20230520 22:52 M5.2 Slow build up of bright ribbons under the slit brightens into large hook-shaped region with footpoint directly under the slit
20230522 18:25 C3.0 Flare ribbons form to the right and then down with bright spot directly under the slit
20230529 18:30 N/A Footpoint of bright ribbon loop under the slit, no GOES class
20230608 19:00 C1.8 Very quick low level C flare partially under the slit at the start of the observations
20230613 09:15 N/A Ribbon flare from AR13327 captured under the slit during SST coordination, no GOES
20230613 18:48 C2.1 Eruptive flare at limb at the top of the field of view, captured under the slit
20230614 18:55 C6.7 Two C class ribbon flares captured in high cadence observation, multiple ribbons captured under the slit followed by failed eruption with full line list
20230627 09:15 C1.9 Minor flare captured under the slit with a roll
20230627 21:11 C1.9 Minor flare early phase scanned during PSP coordination
20230628 13:29 C2.4 Sit and stare observation of several minor flares with minor brightening of flare loops under the slit
20230629 03:10 C1.9 Short burst of flare ribbons
20230702 11:06 C2.5 Partial capture of several small C class flares
20230703 01:45 C4.4 Minor flares with some small flare loops and ribbons visible.
20230705 23:50 N/A Short burst of a flare across structure, mostly under the slit
20230709 13:50 C4.2 Outflow of ribbons from central flaring region captured during a scan, brightest segments of flare not captured under the slit
20230727 10:15 N/A Small eruption of material captured under the slit from AR13379
20230729 02:00 N/A Flare ribbons from non-GOES class event observed in upper portion of FOV around sunspot, partial coverage by the slit
20230803 11:50 M2.0 High cadence observation of eruptive M class flare that produces bright loop structure, not captured under the slit and part of the flare is outside the FOV, base is captured within FOV
20230804 01:00 C4.6 High cadence observation similar to one above, flare produces bright loop structure to the right of the slit and material falls back down to the disk
20230804 03:00 C3.0 Short loop forms partially under the slit then fades away
20230806 10:45 C6.7 High cadence observation of mid level C flare, channel of brightenting next to sunspot of active region, nothing captured under the slit, smaller flare visible in lower corner later in observations also not under slit
20230807 04:40 M2.4 Very end and decay phase of M class flare captured at limb, slit passed over diffuse loop structures of the flare
20230807 12:23 C2.3 Bright material emerges from the limb partially captured under the slit before the flare, larger and brighter eruption captured partially under the slit for flare period, material fills right side of the FOV
20230808 18:00 C5.0 Filament becomes unstable which leads to eruption in AR 13394 with flaring activity and post flare loops captured under the slit
20230810 22:40 C6.6: Short flare ribbon observed in AR13395, observation interrupted before the end of the flaring, most activity missed by slit
20230825 11:19 C1.2 Series of B/C flares near sunspot of AR, majority of brightening to the right of the slit
20230827 08:00 N/A Off limb flare showing sigmoid shape, multiple across dataset, no GOES class with event, mostly under the slit
20230902 12:45 C2.1 Intense brightening in lower portion of FOV, large surge of peacock tails produced from flaring event at the limb, partially captured under the slit

20230901 21:30 C7.3 Small ribbon leads to activation of filament structure, majority of flare not in FOV
20230902 21:30 M1.1 observed in AR13413 on the western limb. The flare begins with a surge of material that enters the field of view from the north and ends with a dramatic brightening of the low-lying loops hovering above the active region
20230901 03:30 M1.2 Flare observed shows dynamic ribbon closing around the sunspot, some of the event under the slit, intensity seen in lines when ribbon crosses slit but no FeXXI seen
20230912 21:50 C5.6 HC program captures minor flare brightening on the side of the FOV, not under the slit
20230916 15:30 C3.7 Multiple flare activity with some flare ribbons partially under the slit
20230919 11:20 N/A HC observation of M class flare, slow developing ribbon emerges from right side of FOV before slowly dissipating, slit misses brightest part of the event but fainter ribbon passes under the slit
20230920 14:10 M8.2 Flare captured during scan of active region, very fast activation occurs mostly under the slit
20230921 15:00 N/A Flare captured during scan of active region, very fast eruption seen during scan, peak of flare occurs under the slit, strong lines visible
20230922 09:00 N/A Brief brightening of flare ribbon crosses under the slit twice during SST coordination
20230922 15:00 N/A Small flare ribbon observed under slit during the scan of AR
20230928 18:45 C2.6 Flare captured under the slit, small hook shaped ribbons going in opposite directions, two distinct flare phases during PSP coordination
20230101 03:30 N/A Flare captured under the slit during scan at the limb, no GOES class but bright in the IRIS FOV
20231001 08:30 C2.6 S shaped flare ribbon observed under the slit
20231001 18:00 C2.0 Multiple C false captured during PSP coordination, sustained flux emergence under the slit throughout the observation period
20231002 09:45 C2.9 Partial capture of flare ribbon under the slit from brief flash of brightness
20231017 02:00 C1.6 Smaller flare captured under the slit during large step raster
20231023 19:00 C2.3 Partial flare capture under the slit from flaring region
20231105 17:30 C4.4 HC flare observation partially under the slit, primarily captures pre flare period
20231105 18:52 N/A HC flare observation, small non GOES event captured under the slit
20231105 20:15 C2.6 HC flare observation, major flare ribbons misses slit
20231105 21:30 C9.2 HC flare observation, major flare ribbons misses slit but flare observed in SJI
20231106 00:10 N/A HC flare observation, minor activity partially observed with high cadence program, nothing under slit
20231106 01:30 N/A HC flare observation, minor activity partially observed with high cadence program, partial observations under the slit
20231124 05:41 C3.3 HC Flare study, hook shaped ribbon visible during decay phase of the flare, remnants of flare visible in next two observation sets
20231208 23:00 M5.5 Flare from AR13511 Large flare captured fully under the slit with the coronal nanojet studies, large cascade out outflowing material
20231216 14:00 C3.3 Partial capture of a C class flare in the bottom corner of the observation
20231219 19:55 C2.3 Flare ribbon observed in HC towards the upper portion of the FOV, partially under slit
20240104 01:10 M1.1 Bright ribbon emerges under the lower slit and just beings to flare at the very end of observation
20240110 04:30 C7.0 High cadence flare captured in AR13538, large brightening loop with two bright footpoints, event not under the slit
20240114 19:50 C3.0 Ribbon flare partially captured under the slit with low telemetry flare watch
20240124 16:30 C7.6 HC observations of two small brightening ribbons on either side of the slit from larger flare
20240125 14:15 C4.2 HC observations of a flare at the bottom of the field of view and under the slit
20240126 20:30 C1.6 Off limb flare observations captured under the slit with some jet structures
20240129 01:40 M1.3 HC flare program observations of end phase of bright M class flare ribbon partially under the slit, previous observation shows the build up phase but misses main flare due to eclipse
20240129 14:57 C6.0 Flare observed at the limb under the slit, interesting cascade of ribbon activity seen at an angle
20240130 23:05 C1.6 Flare HC program, ribbon brightening not under the slit

20240203 18:30 C3.0 Large step raster with multi-stage flare occurring during raster under the slit
20240209 07:30 C3.8 High Cadence observation of flare directly under the slit, flare lines visible
20240211 11:00 N/A High Cadence observation, quick flare burst in upper corner, not captured under the slit
20240214 17:50 C7.5 Quick and bright Y shaped flare captured under the slit in lower half of FOV
20240216 06:45 X2.5 Large flare captured at limb under scanning pattern with the slit, majority of interesting material captured under the slit
20240216 18:30 C8.9 Large loops captured at the limb and under the slit with some coronal rain
20240216 22:30 M3.0 Coronal rain and post flare loops following M class flare, large amount of rain and massive post flare loops, strong FeXXI lines at peak of flare
20240222 06:30 X1.7 Large flare observed during quick scan, quickly passes slit over ribbons with strong line visible
20240222 11:40 C3.4 Sit and stare observation of small brightening next to be not under the slit
20240222 22:30 X6.4 Largest flare of solar cycle 25 so far, multiple cascading flare ribbons originate from sides and travel to the center of the FOV, brightest ribbons don't make it under the slit but small ends do
20240223 15:50 M2.6 High cadence program with decay phase of M flare to being with remnant of ribbon not under the slit and then a reignited cascading ribbons with majority of ribbons from same area not under the slit from M2.6
20240224 11:00 M2.2 High cadence program, multiple flares captured in observation, multiple ribbons captured under the slit with consistent activity throughout observation, with final M2.2 flare very bright and mostly under the slit
20240224 14:45 C3.9 Some flare ribbons crossing slit in upper portion of the FOV
20240224 16:45 C5.8 Quick ribbon flare observed during sit and stare under the slit, full activation observed
20240225 09:10 C2.5 High Cadence program, small bright region in upper corner of FOV
20240225 17:22 M2.0 Thin bright ribbon activates under the slit with additional activity at the edges of the FOV
20240225 20:00 C2.5 High Cadence program, ribbon activate directly under the slit with bright central region
20240227 13:15 C1.3 High cadence, small ribbons and bright region not under the slit
20240227 17:00 C1.9 High cadence, small amount of ribbons under the slit and emerging bright region that doesn't reach the slit
20240227 17:59 C1.9 High cadence observation of a ribbon under the slit for a C1.9 flare
20240228 02:30 C1.7 High cadence, quick brightening in upper portion of FOV under the slit
20240228 12:00 C5.6 High cadence observation, cascading bright ribbon moves under the slit and further ribbons appear at the peak of the flare
20240229 17:00 C2.6 High cadence observation of short duration flare on right side of FOV, quick flash does not reach the slit
20240229 21:00 C2.6 High cadence observation of flare on the right of the FOV, quick bright ribbon doesn't reach the slit
20240301 01:25 C4.0 Coronal nanojet observation, several flares captured in observation, bright flash from ribbon partially under slit for largest flare
20240307 12:00 C6.3 Bright ribbon directly under the slit at the top of the FOV with smaller scale flashes throughout the observation
20240310 15:30 C6.9 Dynamic behavior leads to cascading flare at the center of the FOV partially under the slit
20240319 23:20 M2.1 Sit and stare observation of a ribbon under the slit with other surrounding activity, FeXXI lines visible in spectra
20240324 1:45 M2.1 High cadence observations, region produces multiple M class flares during this observation period but most activity is outside the FOV, some smaller ribbons enter the FOV but not under the slit
20240330 21:15 M9.4 Long observation at the limb capturing large amounts of activity, large eruptive M9 flare captured directly under the slit with large amounts of material released and then falling back down, secondary M9 bright flash flare also observed with post-flare loops, very strong flare lines
20240411 06:20 C1.9 Small flare captured under the slit during scan pattern
20240412 13:45 C3.6 High cadence observation of mid sized flare directly under the slit
20240423 21:11 C7.4 HC observation with flare ribbons captured under the slit
20240501 14:30 M1.9 M-class flare during scan of region, peak not captured under the slit but scan through decay phase ribbons

20240504 19:00 C6.0 Observations start at the decay phase of an M1.3 flare with visible ribbons and region produces multiple C class flares during this period with many instances of slit coverage
20240505 19:30 M Class flares, ribbons and hot loops
20240507 16:30 M8.2 Large flare outside of FOV but some activity captured with a few smaller ribbons under the slit and additional smaller activity throughout the observations
20240508 21:40 X1.0 Major flare occurs just outside the FOV with a multiple cascading ribbons throughout the FOV and partially under the slit
20240509 13:23 M3.7 Flare partially captured under the slit during quick scan of the region
20240513 07:30 C6.4 Flare observed at the limb, event doesn't cross the slit
20240514 17:20 M4.5 Large flare observed during scan, emergence of cascading ribbons, partially under slit during scan, brief view of some strong flare lines
20240517 21:00 M7.3 Flare captured perfectly in FOV with cascading ribbons scanned under the slit
20240523 19:45 C6.5 Sit and stare of flaring region with consistent activity and small eruption partially under the slit
20240523 22:50 C5.6 High-cadence observation of flare, consistent activity with small eruption directly under the slit
20240524 08:00 M1.0 Multiple flares captured in single observation with repeated brightenings near the limb mostly under the slit, some visible FeXXI lines
20240531 13:15 N/A Ribbon flare in high-cadence, not under the slit AR13697
20240604 08:57 M1.6 Quick bright flash under the slit with jet activity
20240615 11:10 C4.9 Short ribbon under the slit with very small eruption of material
20240615 13:40 C3.2 Consistent jet activity leads to large bright jet formation during flare under the slit
20240617 08:04 M1.6 Bright ribbon flash at the start of the observations, mostly not under the slit
20240618 11:30 M2.4 AR13712 Flare ribbon captured under the slit from M class flare
20240618 21:45 C8.1 Jetting structure directly under the slit brightens and erupts with some material
20240624 19:25 C5.7 Short flare at the limb with some coronal rain
20240627 00:00 C2.1 Partial view of some small ribbons from flare occurring above the FOV
20240627 09:55 C2.1 Small flare during scan of region, partially under the slit during the scan
20240627 14:50 C3.1 Quick hook shaped ribbon not under the slit
20240627 21:40 C2.7 Curved ribbon flare captured under the slit
20240628 16:30 N/A Non-GOES curved ribbon flare under the slit without a GOES class
20240628 18:45 C2.7 Cascading C2.7 ribbon flare in AR13723 captured under the slit
20240630 23:55 C1.6 Flare with end of ribbons under the slit but mostly under the FOV
20240702 08:12 C2.6 Series of C class flares observed during scan, partially under the slit
20240702 11:20 C1.9 Two C class flares observed partially under the slit during scan
20240703 19:16 C2.5 Bright ribbon from flare visible in upper portion of FOV
20240705 21:10 C5.5 Partially occulted flare observed at limb under the slit with some material rising above the disk
20240708 14:35 C3.9 Curved ribbons observed under the slit
20240710 15:37 M1.0 Flare captured under the slit during scan, small failed eruption observed
20240710 19:50 C6.8 Surging flare observed during scan and ot under the slit
20240711 06:25 M1.2 Minor brightening seen in lower corner of the FOV during scan of region
20240711 16:03 C Ribbon flare captured during scan of region, not under the slit
20240713 12:40 M5.0 Bright ribbons form from flare in upper portion of the FOV, not under the slit
20240714 08:20 C7.1 Two ribbon flare with curved ribbon captured under the slit during scan of region
20240716 X1.9 13:30 Almost entirely outside FOV, but small ribbon makes it down from large flare above the FOV at the limb
20240719 10:00 C2.4 Quick flash of small ribbon captured under the slit
20240719 18:30 M2.0 HC observation, main event to the right of the FOV but brightening does continue under the slit
20240721 02:00 C7.4 Bright ribbon forms directly under the slit with small material lift off and with visible FeXXI lines
20240721 11:10 C5.8 HC observation with large circular ribbon structure emerging under the slit and flashing brightly
20240721 22:00 C5.4 HC observation with consistent activity under slit leads to small brightening region
20240724 23:30 C8.4 HC observation with a series of multiple C class flares under the slit with bright ribbons

20240726 08:49 C4.7 Partial view of ribbons from flare outside of the FOV, no activity under the slit
20240726 15:50 C3.6 HC observation with flare ribbons visible from activity outside the FOV, no activity under the slit
20240726 21:15 C4.0 HC observation with flare ribbons forming partially under the slit
20240727 18:30 M3.4 HC observations with cascading ribbons under the slit
20240728 11:00 M5.1 Raster pattern between two bright ribbons activating
20240729 12:30 M8.7 Raster pattern catches eruption with material ejection and cascading ribbons after, all under the slit during the scan
20240801 17:00 M1.3 Main flare outside the FOV but shows consistent activity at the limb which produces several features of flowing material that forms a loop and produces down flows, small jets and minor flares occurring while loops form under the slit
20240801 23:00 N/A Short burst of brightness from a prominence lifts off material under the slit with lingering structures throughout the duration of the observation, no GOES class
2040803 06:30 M1.5 Activity outside the FOV produces some swirling and diffuse material at the limb, main activity not captured in the FOV
20240804 23:30 C6.2 Large eruption at the limb lifts up significant amounts of swirling material that the slit scans through, flare lines observed during liftoff of material
20240805 13:50 X1.7 Off limb flare observation of large flare with significant material lifted off the disk following by post flare loops down flows all captured under the slit, brightest portion of the flare occurs mostly outside the FOV, VERY strong flare lines in all channels
20240805 18:20 N/A Non-GOES class flare with quick flash of a ribbon under the slit
20240809 19:30 M4.6 Cascading flare event that produces multiple ribbons across the field of view with some under the slit
202408010 10:00 C6.1 Quick brightening captured directly under the slit with some minor flare lines visible at peak
20240814 06:30 N/A Decay phase of flare captures cascading ribbons outwards under the slit with minor brightening in the center
20240823 10:15 C9.5 HC observations of slow flowing ribbon structures from flare across the FOV and under the slit
20240825 10:00 C4.6 HC development of bright ribbon under the slit that flows outward, and then a bright flare in the bottom of the field of view also under the slit
20240904 15:25 C4.7 Quick bright flash not under the slit
20240909 05:30 M1.9 Multiple ribbon flare at the limb with at least one under the slit during the peak
20240909 17:20 C4.6 AR13806 Flaring loop with slit crossing the limb with some coronal rain before and after the flare which is mostly North of the FOV
20240909 21:30 N/A AR13806 Additional flare loops seen from the region, brighter than previous observations but no GOES class
20240912 20:45 C8.0 Bright eruption under the slit with small ribbons after peak, minor flare lines
20240913 15:00 M1.2 HC observation of initial phase of large flare, brightening of ribbons begins under the slit
20240912 17:45 M1.4 Multiple flares captured from active region with consistent activity and ribbons forming repeatedly at least partially under the slit
20240914 15:20 X4.5 Partial observation of major X flare, very bright ribbons visible in lower portions of FOV, missed the majority of the flare action but upper portions of ribbons briefly captured under the slit
20240918 16:30 C3.0 Two ribbons left over from previous flare produces some minor activity under the slit
20240919 15:15 C2.6 Minor ribbon activity partially under the slit
20240923 10:00 C4.5 Multiple bright flare ribbons captured under the slit with a flare linelist observation
20241002 14:00 M3.2 Bright ribbons mostly under the slit with consistent activity, strong flare lines visible
20241003 12:00 X9.0 Largest flare of the solar cycle observed in high-cadence! Leading M class flare early and then major flare directly under the slit, bright ribbons with cascading patterns, large amount of post-flare loops
20241005 08:30 M1.4 Small flash of ribbons under the slit, does not appear to be major flare but classified as such
20241005 23:30 M1.0 Large flare with slit slightly off of major ribbons of the flaring activity
20241011 16:30 M2.1 Cascading ribbon flare during large scan of region with activity under the slit

20241015 10:06 M1.3 Sit and stare observation of multiple flares from AR with flare ribbon crossing the slit and larger activity to the right side of the FOV
20241015 15:00 C3.5 Minor flare ribbon under the slit
20241015 18:30 M2.1 Sit and stare observation with multiple flare from the AR, flare loops are towards the top edge of the FOV with little activity under the slit
20241022 12:10 C5.1 Quick eruptive flare under the slit during a scan, interesting material flows following main flare activity, solar orbiter coordination
20241023 11:30 C7.9 Eruptive flare from bottom of FOV sends materials across the FOV with much of the activity under the slit, eclipses start during observation
20241031 21:20 X2.0 HC observation of large flare at the top of the FOV, even though much of the activity is above the FOV there are still very bright cascading ribbons visible and captured by the slit, strong flare lines
20241101 14:30 M2.0 HC observation, bright central flare at the end of the observations under the slit
20241105 15:30 M4.2 Larger flaring event at the limb with some brightenings and coronal rain under the slit, missed the major flaring activating in the FOV
20241106 09:00 M3.0 Majority of flare outside the FOV but some bright ribbon formations under the slit
20241107 15:15 M2.3 HC observation of slowly developing long ribbons under the slit from M class flare, main part of the flare not observed but continued ribbon and minor flaring activity
20241110 22:45 C8.4 Flare at the limb in upper part of FOV leads to flare loops and coronal rain
20241114 19:15 N/A Eruptive but small flare at the limb captured under the slit
20241119 17:00 C4.8 Limb observation with coronal rain and a prominence with some ribbon flares on the disk not under the slit
20241121 18:00 C6.0 High cadence observation of cascading ribbons in a hook shape not under the slit
20241128 14:45 C2.4 Off limb observations of flare activity at the limb with minor eruptions and some coronal rain, partial activity under the slit
20241129 18:30 C4.4 High cadence observation with the majority of flare activity outside the FOV
20241207 14:00 N/A Remnant of flare ribbon not under the slit
20241211 14:30 C3.1 HC flare study with bright ribbon directly under the slit
20241212 19:00 C2.6 Quick ribbon partially under the slit
20241217 16:00 N/A HC observation of small brightening with jet-like structure under the slit, no GOES class
20241219 18:00 N/A HC observation of small brightening with flare ribbon at the edge of the FOV, not under slit
20241230 01:30 C2.1 AR13928 Minor flare ribbon very partially under the slit
20241231 09:30 C7.5 Quick flare during scan, partially under the slit
20250102 01:00 C4.2 Off limb observations with minor activity mostly outside the FOV
20250110 22:46 M1.0 Brief view of flare ribbons during a scan, nothing under the slit with majority outside the FOV
20250111 14:37 C1.7 HC observation of quick and small flare ribbon, not under the slit
20250113 02:15 C8.1 Quick flash of activity in a circular loop structure, not under the slit
20250114 19:05 N/A HC Observation of quick flare ribbon under the slit at the end of observations, no GOES class
20250117 03:20 M1.1 Quick burst of flare ribbons captured under the slit
20250117 07:50 C4.5 HC observation of smaller flares with ribbons under the slit
20250119 19:30 C2.4 Quick ribbon and lingering activity under the slit
20250119 21:20 C5.1 Bright region at the start of observations partially under the slit
20250119 2430 C3.4 Minor flare ribbon and material eruption captured under the slit
20250121 17:00 C2.4 Ribbons from flare across the FOV and under the slit
20250126 20:01 C2.1 Minor ribbon visible at the limb partially under the slit scan
20250204 11:00 M3.0 HC Observations of large stable ribbon structures fill the lower corner of the FOV, only partially under the slit
20250204 13:30 M2.0 HC Observations of the continuation of ribbons partially under the slit
20250205 00:05 C6.0 HC Observations of two ribbons partially under the slit
20250205 16:20 C4.0 Multiple ribbons under the slit with rotating and unwinding structures
20250208 23:40 N/A HC short activity of bright region under the slit

20250211 14:30 C7.6 Aftermath of flare at the limb with large amount of coronal rain and large post-flare loops
20250212 20:15 C1.7 Flare ribbon partially under the slit
20250220 02:40 C1.5 High cadence observation of C1.5 flare, small bright ribbons, main activity missed by the slit
20250221 02:15 C3.8 High Cadence observation of C3.8 flare, flare starts outside the FOV and then results in a ribbon flash and some flowing material across the slit
20250224 21:00 M1.5 Bright and quick flash of complex structure of flare ribbons from M class flare, not under the slit
20250227 15:15 N/A Microflare ribbon directly under the slit in HC
20250227 20:20 C3.7 Quick flash flare with some minor cascading ribbons in AR near the limb, under the slit
20250228 01:00 C2.2 HC observation of a bright emergence near the upper FOV, minor activity lower in the FOV under the slit
20250228 07:30 C3.4 Off limb flare study with large amount of activity under the slit including a flare and some prominence material and coronal rain
20250228 10:30 C4.0 Off limb flare study under the slit with coronal rain
20250228 23:320 C3.3 Quick burst partially under the slit
20250301 10:50 C2.5 HC observation of bright ribbons partially under the slit followed by a bright emergence directly under the slit with some flare lines visible
20250304 00:40 C3.4 Multiple flares observed during HC observations, region just to the right of slit shows some swirling material followed by a minor eruption and downflows
20250304 10:30 C1.8 HC Observation of small bright flash not under the ribbon
20250304 15:30 C4.6 Multiple flares with activity under the slit, second flare is larger and produces a traveling ribbon under the slit
20250307 10:00 C1.5 Two quick small flares under the slit with some outflowing material in the bottom corner of FOV
20250327 23:40 C7.5 Large eruptive flare from prominence AR at the limb, main flare occurs below the FOV but material ejection can still be seen partially under the slit
20250405 20:00 M1.0 HC observation of bright and eruptive flare under the slit with central region and several cascading ribbons flowing outwards from the center
20250406 19:45 C2.4 Filament eruption and material ejection under the slit
20250407 15:30 C5.3 Several small flares partially under the slit but mostly on the left part of the FOV, few cascading ribbons
20250408 15:05 C1.6 HC flare observation of minor brightening under the slit
20250409 09:40 N/A Eruptive event under the slit with no GOES class but some material movement
20250412 15:00 M1.3 HC observation with main portion of the flare mostly outside the FOV, but some cascading brightenings and material flows visible under the slit in the FOV during later phases of the flare
20250413 03:30 C6.5 Small flare observed under the slit
20250413 10:00 M1.4 Quick bright flash of two M class flares under the slit
20250413 15:00 C6.3 HC observation of multiple bright flare ribbons partially under the slit
20250502 12:45 C1.2 Short ribbon flare partially under the slit
20250502 21:30 C2.1 Short flash in the bottom corner of the FOV
20250503 15:00 C2.0 High cadence observation of a flare in the corner of the FOV
20250510 19:30 C1.9 Failed eruption at the limb with brightenings leading to a structure briefly rising up from the disk before being pulled back down, captured under the slit
20250513 17:00 X.12 Main flare not observed, but post flare loops visible at the limb and under the slit
20250514 08:25 X2.7 Large and bright ribbons observed from major flare but majority of the flare activity outside the field of view and not under the slit
20250514 M7.7 11:19 Multiple ribbon flares under the slit with another bright region with some material lifting up from the disk
20250514 M3.7 18:11 Quick ribbons partially under the slit with additional trailing bright spot
20250515 17:21 M2.1 Quick ribbons partially under the slit with additional trailing bright spot
20250515 22:20 C9.7 Single bright ribbon partially under the slit

20250521 00:30 M1.2 HC observation of end phase of M flare, large bright region of circular ribbons with partial coverage by the slit
20250521 08:30 C1.0 Circular flare ribbon structure captured mostly under the slit
20250523 09:30 C1.0 Minor eruption captured under the slit from a minor flare
20250524 11:00 C5.9 Active eruptive event partially captured under the slit
20250530 06:20 M3.4 Bright flare under the slit during a scan program with strong flare lines visible during the peak of the flare
20250604 21:30 N/A Quick burst of ribbons partially under the slit
20250606 12:30 C2.8 Activity across the large region with some minor jets produced and eventually some ribbon formation not under the slit
20250607 18:00 C2.8 Brightening near the top of the FOV with minimal visible activity under the slit
20250613 21:30 C1.6 Small visible ribbons under the slit in region near the limb
20250614 22:50 M6.8 Large eruptive flare directly under the slit with a minor eruption and some material falling back to the disk
20250615 09:30 C3.1 Small series of ribbon flares and activity under the slit
20250615 18:30 M8.5 Decay phase of large flare with a large number of ribbons under the slit, continued activity throughout the observation period
20250616 09:30 M6.3 Cascading ribbons under the slit from bright flare with significant activity
20250617 21:30 X1.2 Initial phase of major flare captured under the slit, observation ends just as flare really begins but extremely bright ribbon observed directly under the slit right at the end of the observation with major flare lines
20250619 09:15 C8.0 Multiple C class flares with ribbons under the slit
20250619 16:45 C2.3 HC observation with consistent activity under the slit with ring shaped ribbons throughout the observation with various periods of minor flare activity
20250619 19:30 C5.9 HC observation of ring shaped region with flare ribbons partially under the slit during early observations and consistent minor activity throughout, misses X flare from the region by about 45 mins
20250629 16:30 N/A Minor flaring activity under the slit with a small ribbon
20250709 22:00 C1.3 HC brief flare with minor ribbons partially under the slit
20250712 02:30 C2.3 Brief hook ribbon partially under the slit
20250714 15:00 C3.3 Two ribbons from lower C class flare near the limb under the slit
20250724 12:00 C1.6 HC observation of small flare ribbons not under the slit
20250724 21:00 C2.0 Quick flash of flare ribbons partially under the slit
20250729 00:10 C1.2 Small bright spot partially under the slit
20250729 22:45 C1.8 Minor flare ribbons partially under the slit
20250802 15:00 C2.9 Minor flare ribbons and some bright spots mostly outside of the FOV
20250803 09:30 C3.5 Mildly eruptive bright region and small flare ribbon under the slit
20250805 15:50 M4.4 High cadence observation of a large flare ribbon under the slit, ribbon starts outside the FOV and cascades towards the footprint under the slit
20250806 00:55 C.17 High Cadence Raster observation of small, bright, contained flare ribbon under the slit
20250806 03:20 C3.0 High Cadence Raster observation of two C class flares, first flare barely captured in corner of FOV, second flare more in FOV with slowly developing bright region and minor material flows
20250806 11:00 C8.5 Multiple C class flares and consistent activity across the FOV during a scan of the region
20250806 13:30 C9.6 High Cadence observation of two flares, first flare erupts with a quick flash and flow of material across the FOV and slit, the second captures a flare arcing across the slit
20250807 00:05 C3.9 High Cadence Raster of small flare ribbon directly under the slit
20250807 03:10 C4.6 High Cadence Raster observation of flare material flowing across the slit during flare
20250807 11:05 M3.9 Eruption followed by cascading flare ribbons originating outside the FOV remaining bright for a long period of time
20250807 16:00 C2.0 High Cadence Raster observation of developing flare activity below the FOV leading to a short flash of ribbon under the slit
20250808 00:45 C7.2 High cadence observation of bright cascading flare with multiple sets of ribbons under the slit

20250808 03:50 M2.8 High Cadence observation of initial phase of bright M class ribbon with foot point under the slit
20250808 09:00 C2.5 Cascading ribbon flows during consistent activity in scan of region
20250808 14:30 C8.1 Quick circular ribbon flare mostly in upper corner of FOV
20250809 10:45 C6.1 Multiple C class flares visible during scan of region, majority of activity not under the slit
20250809 16:00 M1.6 High Cadence Raster observation of consistent activity with a C4.6 flare leading to the initial phase of an M flare with a complex ribbon structure under the slit
20250809 16:40 M1.7 M class flare covered by large scan of region
20250809 18:00 C2.8 Quick liftoff of material immediately pulled back down along the field lines during minor C flare
20250810 15:00 M2.3 High Cadence Raster of multiple flares from region near the limb, quick flash of ribbons before a large and bright eruptive flare with several events and material falling back towards the disk, only base of flare under the slit
20250810 23:30 M1.7 Multiple flares observed near the limb, first two high activity and short duration M class flares, a C class flare with a jet structure, and two quick succession mildly eruptive C flare, most activity to the right of the slit
20250811 14:00 M1.7 Multiple highly dynamic flares captured at the limb with large amounts of material under the slit and consistent dancing activity across the FOV
20250811 20:30 C9.8 Multiple flares observed right at the limb with large loop structures and consistent swirling material
20250812 01:20 M1.8 Continued consistent activity seen at the limb with flare loops and swirling material, minor flares throughout and large bright eruptive M class flare under the slit produces strong and major flare lines
20250812 22:50 C2.5 Quick burst of flare under the slit
20250823 19:45 M1.9 Observations of quick bright ribbons not under the slit
20250907 00:30 C9.6 Jet and flare ribbon activity with sigmoid shape leads to eruption and material flow across the FOV and over the slit
20250907 10:10 C3.6 Short bright flare ribbon partially under the slit