

Ultraviolet Spectrometer / Polarimeter Experiment 15779

Start time Nov 09 1980 04:19:55 DOY 314

End time Nov 09 1980 04:59:59 DOY 314

Start major 474280 Minor 110

End major 474574 Minor 31

Experiment type (7) **FLASHWATCH**

Intvl 1 Det(s): 1 WL 1355.6 to 1355.6
4 WL 1356.6 to 1356.6

Slit 0 (U) Reformatter version 15

Wavelength: Step # 119123 to # 119123

	NW 0	DW 0	GBL WO=30
Polarimeter:	NP 0	DP 0	OUT
Raster:	NX 12	DX 10	X-center 90
	NY 12	DY 10	Y-center 200
	NR 200	-X-Y-P-W-	Gate 0.063

DMA information:

threshold 5
max value 1308 at (125,255) WLD = 119123
min value 0 at (105,155)
blue max: vel = 35 int = 23 at (35,255)
red max : vel = 39 int = 30 at (55,145)
current flarX = 140 flarY = 250

Pointing information :

NOAA active region : 2779

Helio. Latitude and Longitude : -10.3(S), -32.7(E)

B0: 3.5 degrees P: 22.9 degrees

Spacecraft roll : 0.0 degrees

Spacecraft Pitch 252.0 Yaw 515.4 arcsec

Pitch and Yaw corresponding to UVSP X-cen Y-cen :

Pitch 222.0 arcsec

Yaw 514.4 arcsec

X boresight : 60.0

Y boresight : 201.0

Theta : 113.0 deg.

R : 560.3 arcsec

Rsun : 968.9 arcsec

R/Rsun : 0.578

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#	Start Time	Det	Min	Max	Mean
1	04:19:56.210	1	0.	68.	14.74
2	04:19:56.194	4	6.	170.	34.75
3	04:20:08.082	1	1.	53.	14.58
4	04:20:08.098	4	4.	160.	35.72
5	04:20:20.114	1	1.	64.	14.88
6	04:20:20.098	4	7.	152.	34.60
7	04:20:32.114	1	1.	61.	14.41
8	04:20:32.130	4	2.	145.	35.35
9	04:20:44.146	1	0.	65.	14.51
10	04:20:44.130	4	7.	115.	34.55
11	04:20:56.146	1	1.	67.	14.97
12	04:20:56.162	4	6.	128.	34.87
13	04:21:08.178	1	1.	70.	15.26
14	04:21:08.162	4	5.	158.	34.48
15	04:21:20.178	1	0.	61.	14.95
16	04:21:20.194	4	5.	143.	33.78
17	04:21:32.210	1	0.	51.	13.60
18	04:21:32.194	4	7.	149.	33.99
19	04:21:44.210	1	0.	73.	15.16
20	04:21:44.226	4	2.	139.	34.28
21	04:21:56.242	1	1.	68.	15.12
22	04:21:56.226	4	7.	130.	33.62
23	04:22:08.242	1	1.	75.	15.67
24	04:22:08.258	4	6.	145.	34.35
25	04:22:20.274	1	0.	62.	14.73
26	04:22:20.258	4	6.	139.	33.99
27	04:22:32.274	1	0.	64.	13.99
28	04:22:32.290	4	3.	135.	34.60
29	04:22:44.306	1	0.	79.	14.79
30	04:22:44.290	4	5.	136.	34.12
31	04:22:56.306	1	1.	67.	14.56
32	04:22:56.322	4	4.	119.	34.65
33	04:23:08.338	1	1.	66.	14.42
34	04:23:08.322	4	1.	149.	34.65
35	04:23:20.338	1	0.	62.	13.99
36	04:23:20.354	4	5.	138.	33.77
37	04:23:32.370	1	1.	65.	14.76
38	04:23:32.354	4	5.	137.	34.47
39	04:23:44.370	1	1.	68.	14.13
40	04:23:44.386	4	5.	128.	34.00
41	04:23:56.402	1	1.	66.	14.44
42	04:23:56.386	4	5.	136.	34.42
43	04:24:08.402	1	1.	71.	15.10
44	04:24:08.418	4	5.	133.	34.83

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#	Start Time	Det	Min	Max	Mean
45	04:24:20.434	1	1.	67.	15.22
46	04:24:20.418	4	7.	106.	35.53
47	04:24:32.434	1	0.	76.	14.92
48	04:24:32.450	4	2.	114.	36.15
49	04:24:44.466	1	1.	63.	14.13
50	04:24:44.450	4	5.	161.	35.79
51	04:24:56.466	1	0.	60.	14.71
52	04:24:56.482	4	5.	225.	37.88
53	04:25:08.498	1	0.	76.	14.86
54	04:25:08.482	4	5.	226.	37.78
55	04:25:20.498	1	1.	82.	15.05
56	04:25:20.514	4	7.	235.	39.72
57	04:25:32.530	1	0.	71.	15.21
58	04:25:32.514	4	6.	219.	39.28
59	04:25:44.530	1	0.	68.	14.81
60	04:25:44.546	4	3.	209.	37.31
61	04:25:56.562	1	0.	66.	15.19
62	04:25:56.546	4	7.	254.	38.50
63	04:26:08.562	1	0.	66.	14.93
64	04:26:08.578	4	7.	228.	38.89
65	04:26:20.594	1	0.	68.	14.88
66	04:26:20.578	4	7.	266.	39.02
67	04:26:32.594	1	2.	73.	15.45
68	04:26:32.610	4	6.	361.	40.54
69	04:26:44.626	1	0.	91.	17.61
70	04:26:44.610	4	5.	623.	48.69
71	04:26:56.626	1	2.	321.	25.57
72	04:26:56.642	4	4.	1485.	79.10
73	04:27:08.658	1	1.	363.	28.56
74	04:27:08.642	4	5.	2174.	91.77
75	04:27:20.658	1	1.	426.	27.58
76	04:27:20.674	4	6.	2134.	82.88
77	04:27:32.690	1	1.	596.	33.70
78	04:27:32.674	4	4.	2158.	87.40
79	04:27:44.690	1	1.	820.	40.69
80	04:27:44.706	4	8.	1974.	93.62
81	04:27:56.722	1	1.	869.	37.19
82	04:27:56.706	4	7.	1518.	77.58
83	04:28:08.722	1	0.	1011.	37.53
84	04:28:08.738	4	7.	1242.	66.42
85	04:28:20.754	1	2.	1192.	38.40
86	04:28:20.738	4	7.	1053.	61.64
87	04:28:32.754	1	1.	1308.	41.03
88	04:28:32.770	4	6.	1205.	61.48

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#	Start Time	Det	Min	Max	Mean
89	04:28:44.786	1	1.	1250.	40.17
90	04:28:44.770	4	6.	850.	56.50
91	04:28:56.786	1	0.	1238.	42.31
92	04:28:56.802	4	7.	898.	56.68
93	04:29:08.818	1	0.	1129.	40.90
94	04:29:08.802	4	5.	795.	55.75
95	04:29:20.818	1	0.	1088.	38.92
96	04:29:20.834	4	5.	713.	56.66
97	04:29:32.850	1	0.	1042.	39.58
98	04:29:32.834	4	3.	719.	55.17
99	04:29:44.850	1	0.	947.	37.58
100	04:29:44.866	4	3.	577.	50.53
101	04:29:56.882	1	0.	985.	36.88
102	04:29:56.866	4	3.	522.	50.89
103	04:30:08.882	1	0.	999.	37.22
104	04:30:08.898	4	3.	712.	51.99
105	04:30:20.914	1	1.	966.	38.67
106	04:30:20.898	4	6.	375.	48.55
107	04:30:32.914	1	2.	1042.	37.34
108	04:30:32.930	4	4.	290.	46.63
109	04:30:44.946	1	0.	906.	34.64
110	04:30:44.930	4	2.	306.	45.19
111	04:30:56.946	1	2.	914.	35.18
112	04:30:56.962	4	3.	320.	42.93
113	04:31:08.978	1	2.	880.	33.84
114	04:31:08.962	4	4.	292.	43.24
115	04:31:20.978	1	0.	836.	34.45
116	04:31:20.994	4	6.	238.	40.59
117	04:31:33.010	1	1.	791.	32.88
118	04:31:32.994	4	5.	203.	39.24
119	04:31:45.010	1	2.	771.	32.32
120	04:31:45.026	4	5.	182.	39.04
121	04:31:57.042	1	1.	745.	32.85
122	04:31:57.026	4	5.	192.	38.24
123	04:32:09.042	1	0.	731.	31.78
124	04:32:09.058	4	4.	172.	38.25
125	04:32:21.074	1	1.	651.	30.60
126	04:32:21.058	4	4.	166.	37.35
127	04:32:33.074	1	0.	618.	29.25
128	04:32:33.090	4	4.	144.	37.35
129	04:32:45.106	1	0.	644.	30.27
130	04:32:45.090	4	7.	149.	37.54
131	04:32:57.106	1	1.	590.	29.01
132	04:32:57.122	4	4.	153.	36.39

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#	Start Time	Det	Min	Max	Mean
133	04:33:09.138	1	1.	549.	28.12
134	04:33:09.122	4	3.	168.	35.99
135	04:33:21.138	1	1.	610.	28.88
136	04:33:21.154	4	4.	145.	35.94
137	04:33:33.170	1	0.	615.	28.12
138	04:33:33.154	4	3.	129.	35.22
139	04:33:45.170	1	1.	508.	26.08
140	04:33:45.186	4	2.	129.	35.17
141	04:33:57.202	1	1.	519.	25.67
142	04:33:57.186	4	2.	129.	34.44
143	04:34:09.202	1	0.	501.	24.27
144	04:34:09.218	4	4.	122.	35.65
145	04:34:21.234	1	1.	442.	24.24
146	04:34:21.218	4	3.	123.	34.74
147	04:34:33.234	1	0.	420.	23.77
148	04:34:33.250	4	6.	119.	35.67
149	04:34:45.266	1	1.	409.	23.44
150	04:34:45.250	4	1.	125.	35.76
151	04:34:57.266	1	0.	377.	22.99
152	04:34:57.282	4	5.	123.	35.22
153	04:35:09.298	1	1.	363.	21.94
154	04:35:09.282	4	5.	115.	35.65
155	04:35:21.298	1	0.	339.	21.81
156	04:35:21.314	4	2.	118.	35.26
157	04:35:33.330	1	1.	319.	21.05
158	04:35:33.314	4	6.	132.	35.53
159	04:35:45.330	1	1.	311.	20.65
160	04:35:45.346	4	5.	127.	35.10
161	04:35:57.362	1	1.	296.	19.99
162	04:35:57.346	4	5.	137.	35.02
163	04:36:09.362	1	1.	283.	20.44
164	04:36:09.378	4	6.	115.	33.68
165	04:36:21.394	1	0.	232.	18.96
166	04:36:21.378	4	6.	143.	34.39
167	04:36:33.394	1	1.	266.	19.17
168	04:36:33.410	4	3.	113.	33.35
169	04:36:45.426	1	0.	241.	18.82
170	04:36:45.410	4	6.	118.	34.08
171	04:36:57.426	1	1.	221.	18.74
172	04:36:57.442	4	3.	141.	33.97
173	04:37:09.458	1	1.	183.	18.16
174	04:37:09.442	4	4.	171.	34.77
175	04:37:21.458	1	0.	182.	17.39
176	04:37:21.474	4	3.	194.	33.65

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#	Start Time	Det	Min	Max	Mean
177	04:37:33.490	1	0.	184.	18.33
178	04:37:33.474	4	2.	195.	34.47
179	04:37:45.490	1	1.	177.	18.52
180	04:37:45.506	4	3.	162.	33.81
181	04:37:57.522	1	0.	172.	17.10
182	04:37:57.506	4	6.	142.	33.97
183	04:38:09.522	1	0.	159.	16.82
184	04:38:09.538	4	7.	154.	33.74
185	04:38:21.554	1	1.	133.	16.99
186	04:38:21.538	4	6.	138.	33.86
187	04:38:33.554	1	0.	157.	16.60
188	04:38:33.570	4	4.	131.	33.40
189	04:38:45.586	1	1.	144.	16.57
190	04:38:45.570	4	3.	126.	34.46
191	04:38:57.586	1	0.	127.	17.02
192	04:38:57.602	4	3.	129.	33.67
193	04:39:09.618	1	0.	127.	16.50
194	04:39:09.602	4	4.	124.	33.94
195	04:39:21.618	1	0.	107.	16.22
196	04:39:21.634	4	7.	120.	33.86
197	04:39:33.650	1	0.	116.	15.83
198	04:39:33.634	4	6.	124.	32.49
199	04:39:45.650	1	0.	121.	16.15
200	04:39:45.666	4	3.	113.	32.99
201	04:39:57.682	1	1.	114.	15.80
202	04:39:57.666	4	3.	128.	33.74
203	04:40:09.682	1	1.	116.	16.03
204	04:40:09.698	4	5.	110.	32.26
205	04:40:21.714	1	1.	114.	15.48
206	04:40:21.698	4	4.	110.	32.91
207	04:40:33.715	1	0.	123.	14.89
208	04:40:33.731	4	4.	89.	32.07
209	04:40:45.747	1	1.	99.	14.94
210	04:40:45.731	4	1.	95.	32.34
211	04:40:57.747	1	2.	107.	15.63
212	04:40:57.763	4	3.	101.	31.76
213	04:41:09.779	1	0.	101.	15.67
214	04:41:09.763	4	6.	118.	32.87
215	04:41:21.779	1	1.	94.	15.64
216	04:41:21.795	4	2.	93.	30.67
217	04:41:33.811	1	1.	92.	14.76
218	04:41:33.795	4	2.	87.	30.77
219	04:41:45.811	1	0.	123.	15.35
220	04:41:45.827	4	4.	90.	30.62

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#	Start Time	Det	Min	Max	Mean
221	04:41:57.843	1	0.	139.	15.76
222	04:41:57.827	4	2.	81.	30.08
223	04:42:09.843	1	0.	142.	16.03
224	04:42:09.859	4	4.	83.	29.70
225	04:42:21.875	1	1.	116.	15.43
226	04:42:21.859	4	5.	85.	29.80
227	04:42:33.875	1	0.	117.	15.37
228	04:42:33.891	4	3.	104.	29.33
229	04:42:45.907	1	1.	112.	15.25
230	04:42:45.891	4	5.	96.	29.15
231	04:42:57.907	1	1.	112.	15.14
232	04:42:57.923	4	5.	90.	29.22
233	04:43:09.939	1	0.	97.	15.13
234	04:43:09.923	4	4.	80.	29.63
235	04:43:21.939	1	1.	118.	15.01
236	04:43:21.955	4	6.	82.	29.78
237	04:43:33.971	1	1.	128.	15.06
238	04:43:33.955	4	4.	67.	28.87
239	04:43:45.971	1	1.	125.	15.58
240	04:43:45.987	4	3.	74.	29.41
241	04:43:58.003	1	0.	130.	14.97
242	04:43:57.987	4	5.	77.	29.14
243	04:44:10.003	1	1.	132.	15.63
244	04:44:10.019	4	3.	126.	29.49
245	04:44:22.035	1	1.	124.	14.73
246	04:44:22.019	4	2.	85.	28.94
247	04:44:34.035	1	0.	140.	14.31
248	04:44:34.051	4	3.	100.	28.33
249	04:44:46.067	1	0.	100.	14.40
250	04:44:46.051	4	4.	91.	29.02
251	04:44:58.067	1	0.	88.	13.79
252	04:44:58.083	4	5.	100.	28.96
253	04:45:10.099	1	0.	86.	14.31
254	04:45:10.083	4	4.	95.	28.75
255	04:45:22.099	1	0.	84.	14.49
256	04:45:22.115	4	3.	78.	28.56
257	04:45:34.131	1	0.	75.	13.28
258	04:45:34.115	4	4.	91.	28.56
259	04:45:46.131	1	0.	78.	14.03
260	04:45:46.147	4	4.	77.	27.20
261	04:45:58.163	1	1.	71.	13.38
262	04:45:58.147	4	5.	70.	27.55
263	04:46:10.163	1	0.	93.	13.74
264	04:46:10.179	4	5.	66.	27.96

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#	Start Time	Det	Min	Max	Mean
265	04:46:22.195	1	0.	68.	14.22
266	04:46:22.179	4	4.	93.	28.24
267	04:46:34.195	1	0.	77.	13.94
268	04:46:34.211	4	1.	96.	28.65
269	04:46:46.227	1	0.	61.	14.08
270	04:46:46.211	4	5.	102.	29.20
271	04:46:58.227	1	0.	71.	13.74
272	04:46:58.243	4	4.	132.	30.35
273	04:47:10.259	1	1.	67.	14.35
274	04:47:10.243	4	5.	126.	30.17
275	04:47:22.259	1	0.	64.	13.78
276	04:47:22.275	4	3.	167.	30.43
277	04:47:34.291	1	1.	68.	14.20
278	04:47:34.275	4	5.	143.	30.07
279	04:47:46.291	1	1.	65.	14.70
280	04:47:46.307	4	5.	134.	29.32
281	04:47:58.323	1	0.	91.	14.44
282	04:47:58.307	4	6.	109.	29.52
283	04:48:10.323	1	1.	82.	14.97
284	04:48:10.339	4	4.	124.	29.40
285	04:48:22.355	1	1.	76.	14.58
286	04:48:22.339	4	5.	124.	29.76
287	04:48:34.355	1	1.	73.	14.34
288	04:48:34.371	4	7.	122.	29.98
289	04:48:46.387	1	1.	58.	14.40
290	04:48:46.371	4	5.	105.	28.58
291	04:48:58.387	1	1.	72.	13.47
292	04:48:58.403	4	4.	114.	29.44
293	04:49:10.419	1	1.	86.	14.11
294	04:49:10.403	4	3.	84.	28.22
295	04:49:22.419	1	0.	66.	14.01
296	04:49:22.435	4	4.	104.	29.24
297	04:49:34.451	1	0.	57.	13.71
298	04:49:34.435	4	2.	95.	29.28
299	04:49:46.451	1	0.	54.	14.19
300	04:49:46.467	4	4.	110.	28.94
301	04:49:58.483	1	2.	50.	13.13
302	04:49:58.467	4	2.	107.	28.62
303	04:50:10.483	1	1.	50.	13.17
304	04:50:10.499	4	5.	100.	29.22
305	04:50:22.515	1	0.	51.	13.11
306	04:50:22.499	4	7.	92.	28.24
307	04:50:34.515	1	1.	56.	13.70
308	04:50:34.531	4	4.	96.	28.53

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#	Start Time	Det	Min	Max	Mean
309	04:50:46.547	1	1.	49.	13.16
310	04:50:46.531	4	5.	104.	29.18
311	04:50:58.547	1	0.	50.	13.49
312	04:50:58.563	4	4.	107.	29.11
313	04:51:10.579	1	0.	46.	13.37
314	04:51:10.563	4	3.	110.	27.85
315	04:51:22.579	1	0.	56.	13.23
316	04:51:22.595	4	3.	128.	28.49
317	04:51:34.611	1	0.	57.	13.50
318	04:51:34.595	4	4.	129.	28.00
319	04:51:46.611	1	0.	59.	13.06
320	04:51:46.627	4	4.	107.	27.85
321	04:51:58.643	1	0.	91.	14.22
322	04:51:58.627	4	5.	108.	28.24
323	04:52:10.643	1	0.	81.	14.38
324	04:52:10.659	4	2.	132.	27.79
325	04:52:22.675	1	0.	68.	13.82
326	04:52:22.659	4	3.	123.	28.44
327	04:52:34.675	1	0.	80.	13.76
328	04:52:34.691	4	2.	152.	28.81
329	04:52:46.707	1	1.	61.	13.40
330	04:52:46.691	4	4.	150.	29.76
331	04:52:58.707	1	1.	82.	13.98
332	04:52:58.723	4	7.	195.	30.49
333	04:53:10.739	1	0.	67.	13.33
334	04:53:10.723	4	2.	186.	30.18
335	04:53:22.739	1	0.	73.	13.39
336	04:53:22.755	4	2.	224.	30.89
337	04:53:34.771	1	1.	59.	13.62
338	04:53:34.755	4	5.	220.	30.32
339	04:53:46.771	1	1.	61.	13.51
340	04:53:46.787	4	4.	205.	29.25
341	04:53:58.803	1	0.	52.	12.68
342	04:53:58.787	4	4.	175.	28.91
343	04:54:10.803	1	0.	53.	12.87
344	04:54:10.819	4	4.	160.	28.20
345	04:54:22.835	1	0.	45.	12.31
346	04:54:22.819	4	3.	121.	26.81
347	04:54:34.835	1	0.	42.	12.07
348	04:54:34.851	4	3.	122.	26.85
349	04:54:46.867	1	0.	42.	12.43
350	04:54:46.851	4	3.	125.	26.32
351	04:54:58.867	1	0.	34.	12.08
352	04:54:58.883	4	4.	114.	28.30

Ultraviolet Spectrometer / Polarimeter Experiment 15779

#	Start Time	Det	Min	Max	Mean
353	04:55:10.899	1	2.	40.	12.18
354	04:55:10.883	4	4.	117.	26.77
355	04:55:22.899	1	0.	33.	12.13
356	04:55:22.915	4	1.	118.	27.70
357	04:55:34.931	1	1.	35.	12.53
358	04:55:34.915	4	4.	122.	27.80
359	04:55:46.931	1	0.	40.	12.41
360	04:55:46.947	4	3.	111.	27.46
361	04:55:58.963	1	1.	37.	11.92
362	04:55:58.947	4	4.	96.	27.01
363	04:56:10.963	1	0.	48.	11.74
364	04:56:10.979	4	4.	91.	26.79
365	04:56:22.995	1	0.	31.	12.19
366	04:56:22.979	4	2.	82.	26.88
367	04:56:34.995	1	0.	35.	11.81
368	04:56:35.011	4	4.	88.	26.17
369	04:56:47.027	1	0.	32.	12.00
370	04:56:47.011	4	4.	82.	26.42
371	04:56:59.027	1	0.	33.	11.84
372	04:56:59.043	4	4.	77.	26.40
373	04:57:11.059	1	0.	36.	11.95
374	04:57:11.043	4	3.	83.	26.01
375	04:57:23.059	1	0.	35.	11.74
376	04:57:23.075	4	2.	80.	26.65
377	04:57:35.091	1	1.	41.	12.04
378	04:57:35.075	4	1.	83.	26.28
379	04:57:47.091	1	0.	49.	12.64
380	04:57:47.107	4	3.	80.	26.33
381	04:57:59.123	1	0.	49.	12.15
382	04:57:59.107	4	1.	121.	27.17
383	04:58:11.123	1	1.	47.	12.26
384	04:58:11.139	4	3.	229.	29.83
385	04:58:23.155	1	0.	55.	13.05
386	04:58:23.139	4	3.	232.	30.45
387	04:58:35.155	1	1.	75.	13.93
388	04:58:35.171	4	2.	302.	30.95
389	04:58:47.187	1	0.	79.	13.96
390	04:58:47.171	4	1.	359.	31.97
391	04:58:59.187	1	0.	85.	14.82
392	04:58:59.203	4	3.	375.	34.31
393	04:59:11.219	1	0.	145.	15.69
394	04:59:11.203	4	5.	399.	37.69
395	04:59:23.219	1	1.	139.	15.44
396	04:59:23.235	4	3.	358.	35.44

Ultraviolet Spectrometer / Polarimeter Experiment 15779

#	Start Time	Det	Min	Max	Mean
397	04:59:35.251	1	1.	108.	15.58
398	04:59:35.235	4	4.	314.	32.75
399	04:59:47.251	1	1.	107.	15.16
Det	Min	Max			
1	0.	1308.			
4	1.	2			