

Ultraviolet Spectrometer / Polarimeter Experiment 15958

Start time Nov 11 1980 20:09:28 DOY 316
End time Nov 11 1980 21:07:03 DOY 316

Start major 502329 Minor 29
End major 502751 Minor 7

Experiment type (1) **SPECTROHELIOGRAM**

Intvl 1 Det(s): 1 WL 1354.3 to 1354.3
4 WL 1377.2 to 1377.2

Slit 12 (B) Reformatter version 15

Wavelength: Step # 119198 to # 119198

	NW 0	DW 0	GBL WO=30
Polarimeter:	NP 0	DP 0	OUT
Raster:	NX 18	DX 10	X-center 85
	NY 18	DY 10	Y-center 170
	NR 1200	-X-Y-P-W-	Gate 0.063

DMA information:

threshold 5
max value 3950 at (70,185) WLD = 119198
min value 0 at (40, 85)
blue max: vel = 60 int = 3 at (160, 85)
red max : vel = 39 int = 34 at (40, 95)
current flarX = 44 flarY = 218

Pointing information :

NOAA active region : 2779
Helio. Latitude and Longitude : -10.8(S), 4.3(W)
B0: 3.2 degrees P: 22.2 degrees

Spacecraft roll : 0.0 degrees
Spacecraft Pitch 258.7 Yaw -39.9 arcsec
Pitch and Yaw corresponding to UVSP X-cen Y-cen :
Pitch 233.7 arcsec
Yaw -70.9 arcsec

X boresight : 60.0
Y boresight : 201.0

Theta : -163.0 deg.
R : 244.2 arcsec
Rsun : 969.5 arcsec
R/Rsun : 0.252

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#	Start Time	Det	Min	Max	Mean
1	20:09:28.497	1	0.	130.	11.03
2	20:09:28.513	4	2.	217.	41.19
3	20:09:53.841	1	0.	111.	10.75
4	20:09:53.825	4	3.	201.	40.14
5	20:10:19.249	1	0.	108.	10.98
6	20:10:19.265	4	2.	232.	40.84
7	20:10:44.721	1	0.	113.	10.98
8	20:10:44.705	4	3.	274.	41.15
9	20:11:10.129	1	0.	98.	10.77
10	20:11:10.113	4	3.	254.	41.63
11	20:11:35.537	1	0.	82.	10.73
12	20:11:35.553	4	1.	336.	42.66
13	20:12:01.009	1	0.	110.	11.07
14	20:12:00.993	4	2.	373.	42.79
15	20:12:26.417	1	0.	101.	11.02
16	20:12:26.401	4	2.	468.	43.16
17	20:12:51.825	1	0.	112.	11.34
18	20:12:51.809	4	2.	488.	43.13
19	20:13:17.233	1	0.	87.	11.31
20	20:13:17.217	4	2.	437.	42.75
21	20:13:42.641	1	0.	66.	10.83
22	20:13:42.657	4	2.	358.	42.30
23	20:14:08.113	1	0.	69.	11.07
24	20:14:08.097	4	4.	311.	42.44
25	20:14:33.521	1	0.	71.	11.12
26	20:14:33.537	4	3.	218.	41.49
27	20:14:58.993	1	0.	70.	10.95
28	20:14:58.977	4	2.	228.	41.42
29	20:15:24.401	1	0.	71.	10.65
30	20:15:24.417	4	3.	199.	40.84
31	20:15:49.873	1	0.	72.	10.77
32	20:15:49.857	4	2.	203.	40.64
33	20:16:15.281	1	0.	60.	10.74
34	20:16:15.265	4	1.	205.	41.19
35	20:16:40.689	1	0.	60.	11.05
36	20:16:40.673	4	0.	192.	42.15
37	20:17:06.097	1	0.	61.	11.00
38	20:17:06.081	4	2.	193.	41.07
39	20:17:31.505	1	0.	54.	10.78
40	20:17:31.489	4	2.	167.	41.23
41	20:17:56.913	1	0.	53.	10.40
42	20:17:56.897	4	1.	182.	41.23
43	20:18:22.321	1	0.	51.	10.96
44	20:18:22.305	4	2.	193.	42.25

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#	Start Time	Det	Min	Max	Mean
45	20:18:47.729	1	0.	70.	10.28
46	20:18:47.713	4	2.	184.	41.53
47	20:19:13.137	1	0.	66.	11.10
48	20:19:13.153	4	1.	198.	42.01
49	20:19:38.610	1	0.	57.	11.09
50	20:19:38.594	4	3.	178.	42.43
51	20:20:04.018	1	0.	51.	11.38
52	20:20:04.002	4	0.	177.	42.16
53	20:20:29.426	1	0.	54.	10.80
54	20:20:29.410	4	2.	184.	41.75
55	20:20:54.834	1	0.	52.	10.78
56	20:20:54.818	4	3.	176.	41.98
57	20:21:20.242	1	0.	53.	11.47
58	20:21:20.226	4	2.	163.	42.45
59	20:21:45.650	1	0.	53.	11.30
60	20:21:45.666	4	2.	185.	42.06
61	20:22:11.122	1	0.	45.	10.91
62	20:22:11.106	4	2.	206.	42.30
63	20:22:36.530	1	0.	57.	11.57
64	20:22:36.546	4	2.	187.	42.56
65	20:23:02.002	1	0.	56.	11.12
66	20:23:01.986	4	2.	186.	42.80
67	20:23:27.410	1	0.	54.	11.88
68	20:23:27.394	4	2.	235.	44.21
69	20:23:52.818	1	0.	60.	12.04
70	20:23:52.802	4	1.	263.	44.66
71	20:24:18.226	1	0.	67.	12.29
72	20:24:18.210	4	0.	274.	45.00
73	20:24:43.634	1	0.	66.	12.34
74	20:24:43.650	4	1.	263.	46.06
75	20:25:09.106	1	0.	88.	12.90
76	20:25:09.090	4	2.	277.	45.53
77	20:25:34.514	1	0.	88.	13.26
78	20:25:34.498	4	1.	394.	45.20
79	20:25:59.922	1	0.	98.	13.41
80	20:25:59.906	4	2.	560.	45.83
81	20:26:25.330	1	0.	83.	13.69
82	20:26:25.314	4	2.	431.	45.67
83	20:26:50.738	1	0.	125.	13.85
84	20:26:50.722	4	2.	506.	44.64
85	20:27:16.146	1	0.	93.	13.69
86	20:27:16.130	4	0.	359.	44.28
87	20:27:41.554	1	0.	89.	13.49
88	20:27:41.570	4	1.	429.	44.52

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#	Start Time	Det	Min	Max	Mean
89	20:28:07.026	1	0.	101.	13.36
90	20:28:07.010	4	1.	390.	44.58
91	20:28:32.434	1	0.	84.	13.72
92	20:28:32.418	4	2.	517.	44.88
93	20:28:57.842	1	0.	83.	13.45
94	20:28:57.858	4	4.	449.	44.69
95	20:29:23.314	1	0.	90.	12.65
96	20:29:23.298	4	3.	496.	43.41
97	20:29:48.722	1	0.	92.	13.12
98	20:29:48.706	4	2.	423.	43.20
99	20:30:14.130	1	0.	91.	13.28
100	20:30:14.114	4	0.	478.	43.87
101	20:30:39.538	1	0.	94.	13.48
102	20:30:39.522	4	3.	567.	45.01
103	20:31:04.946	1	0.	127.	13.51
104	20:31:04.962	4	3.	727.	45.80
105	20:31:30.418	1	0.	161.	14.19
106	20:31:30.402	4	0.	1214.	47.85
107	20:31:55.826	1	0.	180.	14.62
108	20:31:55.810	4	2.	1091.	46.47
109	20:32:21.234	1	0.	198.	14.92
110	20:32:21.218	4	2.	1043.	46.65
111	20:32:46.642	1	0.	188.	14.86
112	20:32:46.626	4	2.	804.	44.60
113	20:33:12.050	1	0.	195.	14.88
114	20:33:12.034	4	1.	723.	44.98
115	20:33:37.458	1	0.	213.	15.11
116	20:33:37.474	4	2.	801.	46.45
117	20:34:02.930	1	0.	240.	15.19
118	20:34:02.914	4	2.	951.	47.12
119	20:34:28.338	1	0.	198.	15.20
120	20:34:28.322	4	2.	891.	46.62
121	20:34:53.746	1	0.	204.	14.84
122	20:34:53.730	4	3.	578.	43.79
123	20:35:19.154	1	0.	173.	14.94
124	20:35:19.170	4	1.	469.	42.93
125	20:35:44.626	1	0.	170.	14.18
126	20:35:44.610	4	0.	328.	41.19
127	20:36:10.034	1	0.	133.	13.98
128	20:36:10.018	4	1.	289.	40.24
129	20:36:35.442	1	0.	131.	13.51
130	20:36:35.458	4	0.	234.	39.01
131	20:37:00.914	1	0.	131.	13.60
132	20:37:00.898	4	1.	239.	38.61

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#	Start Time	Det	Min	Max	Mean
133	20:37:26.322	1	0.	112.	12.97
134	20:37:26.306	4	1.	195.	38.14
135	20:37:51.730	1	0.	108.	13.25
136	20:37:51.746	4	2.	191.	37.76
137	20:38:17.202	1	0.	108.	13.14
138	20:38:17.186	4	1.	158.	36.93
139	20:38:42.610	1	0.	103.	13.15
140	20:38:42.594	4	2.	197.	38.14
141	20:39:08.018	1	0.	107.	13.40
142	20:39:08.034	4	2.	228.	38.89
143	20:39:33.490	1	0.	103.	13.65
144	20:39:33.474	4	2.	217.	38.28
145	20:39:58.898	1	0.	109.	13.24
146	20:39:58.882	4	2.	223.	38.60
147	20:40:24.306	1	0.	120.	13.43
148	20:40:24.322	4	1.	241.	38.67
149	20:40:49.778	1	0.	128.	13.85
150	20:40:49.762	4	1.	254.	38.49
151	20:41:15.218	1	0.	136.	13.77
152	20:41:15.202	4	3.	275.	39.15
153	20:41:40.658	1	0.	126.	13.90
154	20:41:40.642	4	3.	351.	39.95
155	20:42:06.066	1	0.	131.	14.22
156	20:42:06.050	4	2.	399.	40.01
157	20:42:31.474	1	0.	137.	14.31
158	20:42:31.458	4	0.	524.	40.16
159	20:42:56.882	1	0.	142.	14.13
160	20:42:56.866	4	2.	632.	40.64
161	20:43:22.290	1	0.	139.	14.21
162	20:43:22.274	4	3.	814.	40.94
163	20:43:47.698	1	0.	155.	15.04
164	20:43:47.714	4	0.	1307.	46.41
165	20:44:13.170	1	0.	227.	16.27
166	20:44:13.154	4	3.	859.	43.48
167	20:44:38.578	1	0.	259.	16.20
168	20:44:38.594	4	2.	665.	41.97
169	20:45:04.050	1	0.	244.	17.19
170	20:45:04.034	4	1.	687.	41.66
171	20:45:29.458	1	0.	186.	16.26
172	20:45:29.474	4	1.	559.	39.28
173	20:45:54.930	1	0.	157.	15.97
174	20:45:54.914	4	1.	533.	39.71
175	20:46:20.338	1	0.	132.	15.30
176	20:46:20.322	4	2.	537.	40.77

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#	Start Time	Det	Min	Max	Mean
177	20:46:45.746	1	0.	117.	14.28
178	20:46:45.730	4	2.	455.	39.53
179	20:47:11.154	1	0.	119.	14.40
180	20:47:11.138	4	2.	263.	38.74
181	20:47:36.562	1	0.	141.	14.81
182	20:47:36.546	4	3.	237.	38.01
183	20:48:01.970	1	0.	168.	14.30
184	20:48:01.954	4	1.	249.	37.93
185	20:48:27.378	1	0.	156.	14.33
186	20:48:27.394	4	1.	685.	39.74
187	20:48:52.850	1	0.	179.	14.39
188	20:48:52.834	4	2.	456.	38.74
189	20:49:18.259	1	0.	192.	14.44
190	20:49:18.243	4	0.	336.	37.52
191	20:49:43.667	1	0.	202.	15.04
192	20:49:43.651	4	1.	263.	38.06
193	20:50:09.075	1	0.	228.	15.47
194	20:50:09.059	4	1.	256.	38.52
195	20:50:34.483	1	0.	216.	15.76
196	20:50:34.467	4	0.	289.	38.95
197	20:50:59.891	1	0.	185.	16.16
198	20:50:59.875	4	2.	341.	40.41
199	20:51:25.299	1	0.	246.	18.29
200	20:51:25.315	4	2.	619.	44.76
201	20:51:50.771	1	0.	384.	18.80
202	20:51:50.755	4	2.	503.	43.89
203	20:52:16.211	1	0.	625.	21.42
204	20:52:16.195	4	2.	906.	45.84
205	20:52:41.651	1	0.	1186.	25.09
206	20:52:41.635	4	2.	796.	48.17
207	20:53:07.091	1	0.	1844.	29.22
208	20:53:07.107	4	3.	796.	49.22
209	20:53:32.563	1	0.	2395.	33.00
210	20:53:32.547	4	3.	927.	51.07
211	20:53:58.003	1	0.	2954.	38.84
212	20:53:58.019	4	2.	1638.	59.72
213	20:54:23.475	1	0.	3186.	42.57
214	20:54:23.459	4	2.	1071.	60.11
215	20:54:48.915	1	0.	3807.	47.00
216	20:54:48.931	4	2.	952.	59.91
217	20:55:14.387	1	0.	3950.	50.54
218	20:55:14.371	4	2.	947.	58.91
219	20:55:39.827	1	0.	3476.	49.97
220	20:55:39.843	4	2.	980.	58.95

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#	Start Time	Det	Min	Max	Mean
221	20:56:05.299	1	0.	2659.	48.19
222	20:56:05.283	4	3.	904.	58.61
223	20:56:30.739	1	0.	1980.	48.06
224	20:56:30.755	4	3.	878.	58.11
225	20:56:56.211	1	0.	1598.	50.00
226	20:56:56.195	4	2.	807.	58.62
227	20:57:21.651	1	0.	1505.	54.25
228	20:57:21.667	4	1.	685.	58.00
229	20:57:47.123	1	1.	1507.	57.15
230	20:57:47.107	4	0.	732.	58.28
231	20:58:12.563	1	0.	1468.	60.00
232	20:58:12.579	4	1.	729.	58.07
233	20:58:38.035	1	0.	1526.	64.57
234	20:58:38.019	4	3.	686.	56.84
235	20:59:03.475	1	0.	1587.	69.39
236	20:59:03.491	4	1.	663.	55.40
237	20:59:28.947	1	0.	1706.	74.55
238	20:59:28.931	4	1.	693.	55.17
239	20:59:54.387	1	0.	1963.	78.10
240	20:59:54.403	4	1.	686.	53.49
241	21:00:19.859	1	1.	2082.	85.23
242	21:00:19.843	4	2.	701.	52.84
243	21:00:45.299	1	0.	2135.	88.21
244	21:00:45.315	4	2.	784.	53.89
245	21:01:10.771	1	0.	2346.	90.94
246	21:01:10.755	4	2.	741.	53.41
247	21:01:36.211	1	0.	2407.	91.98
248	21:01:36.227	4	0.	701.	53.51
249	21:02:01.683	1	0.	2515.	93.77
250	21:02:01.667	4	2.	724.	52.75
251	21:02:27.123	1	0.	2931.	97.31
252	21:02:27.139	4	3.	769.	53.47
253	21:02:52.595	1	0.	3454.	98.52
254	21:02:52.579	4	2.	728.	52.36
255	21:03:18.035	1	0.	3831.	100.03
256	21:03:18.051	4	2.	692.	52.91
257	21:03:43.507	1	1.	3875.	102.76
258	21:03:43.491	4	1.	712.	52.63
259	21:04:08.947	1	0.	3926.	103.28
260	21:04:08.963	4	2.	630.	52.27
261	21:04:34.419	1	0.	3743.	97.71
262	21:04:34.403	4	0.	577.	48.74
263	21:04:59.859	1	0.	760.	27.92
264	21:04:59.875	4	0.	134.	13.71

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#	Start Time	Det	Min	Max	Mean
265	21:05:25.331	1	0.	6.	1.36
266	21:05:25.315	4	0.	6.	0.79
267	21:05:50.771	1	0.	2.	0.01
268	21:05:50.787	4	0.	1.	0.03
269	21:06:16.243	1	0.	3.	0.03
270	21:06:16.227	4	0.	2.	0.02
271	21:06:41.683	1	0.	4.	0.02
Det	Min	Max			
1	0.	3950.			
4	0.	1638.			