

Ultraviolet Spectrometer / Polarimeter Experiment 15950

Start time Nov 11 1980 16:57:35 DOY 316
End time Nov 11 1980 17:56:05 DOY 316

Start major 500923 Minor 114
End major 501352 Minor 40

Experiment type (1) **SPECTROHELIOGRAM**

Intvl 1 Det(s): 1 WL 1353.8 to 1353.8
4 WL 1368.6 to 1368.6

Slit 4 (M) Reformatter version 15

Wavelength: Step # 119193 to # 119193

	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 964 at (40,255) WLD = 119193
min value 0 at (40, 85)
blue max: vel = 60 int = 3 at (150,175)
red max : vel = 39 int = 40 at (40, 95)
current flarX = 44 flarY = 218

Pointing information :

NOAA active region : 2779
Helio. Latitude and Longitude : -10.8(S), 2.5(W)
B0: 3.2 degrees P: 22.2 degrees

Spacecraft roll : 0.0 degrees
Spacecraft Pitch 258.7 Yaw -10.7 arcsec
Pitch and Yaw corresponding to UVSP X-cen Y-cen :
Pitch 233.7 arcsec
Yaw -41.7 arcsec

X boresight : 60.0
Y boresight : 201.0

Theta : -170.0 deg.
R : 237.4 arcsec
Rsun : 969.5 arcsec
R/Rsun : 0.245

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#	Start Time	Det	Min	Max	Mean
1	16:57:36.011	1	0.	181.	12.93
2	16:57:35.995	4	4.	732.	57.95
3	16:58:01.323	1	0.	183.	12.75
4	16:58:01.307	4	2.	667.	57.02
5	16:58:26.763	1	0.	125.	12.62
6	16:58:26.747	4	3.	464.	59.47
7	16:58:52.203	1	0.	98.	12.34
8	16:58:52.187	4	1.	564.	60.34
9	16:59:17.611	1	0.	113.	12.29
10	16:59:17.627	4	3.	481.	60.85
11	16:59:43.083	1	0.	69.	12.40
12	16:59:43.067	4	2.	655.	61.47
13	17:00:08.491	1	0.	63.	12.15
14	17:00:08.475	4	3.	682.	59.79
15	17:00:33.899	1	0.	53.	11.74
16	17:00:33.883	4	2.	603.	59.31
17	17:00:59.307	1	0.	53.	11.93
18	17:00:59.291	4	5.	446.	59.77
19	17:01:24.715	1	0.	51.	11.94
20	17:01:24.699	4	2.	471.	60.01
21	17:01:50.123	1	0.	63.	11.91
22	17:01:50.107	4	4.	387.	57.87
23	17:02:15.531	1	0.	68.	11.81
24	17:02:15.515	4	3.	348.	57.71
25	17:02:40.939	1	0.	78.	11.86
26	17:02:40.955	4	3.	398.	60.18
27	17:03:06.411	1	0.	60.	12.00
28	17:03:06.395	4	2.	814.	64.58
29	17:03:31.819	1	0.	64.	11.89
30	17:03:31.835	4	3.	770.	63.69
31	17:03:57.291	1	0.	65.	11.85
32	17:03:57.275	4	3.	519.	62.06
33	17:04:22.699	1	0.	74.	11.61
34	17:04:22.715	4	4.	497.	61.50
35	17:04:48.171	1	0.	59.	11.86
36	17:04:48.155	4	3.	462.	61.90
37	17:05:13.579	1	0.	57.	11.11
38	17:05:13.595	4	3.	502.	60.21
39	17:05:39.051	1	0.	62.	11.63
40	17:05:39.035	4	3.	521.	60.94
41	17:06:04.459	1	0.	55.	11.15
42	17:06:04.443	4	4.	491.	60.97
43	17:06:29.867	1	0.	49.	11.37
44	17:06:29.851	4	1.	607.	61.38

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#	Start Time	Det	Min	Max	Mean
45	17:06:55.275	1	0.	69.	11.01
46	17:06:55.259	4	3.	542.	60.31
47	17:07:20.683	1	0.	56.	11.15
48	17:07:20.667	4	2.	622.	60.29
49	17:07:46.091	1	0.	71.	11.01
50	17:07:46.075	4	3.	659.	59.56
51	17:08:11.499	1	0.	51.	11.10
52	17:08:11.483	4	1.	600.	60.24
53	17:08:36.907	1	1.	69.	11.42
54	17:08:36.891	4	3.	432.	58.45
55	17:09:02.315	1	0.	52.	10.97
56	17:09:02.299	4	3.	485.	59.31
57	17:09:27.723	1	0.	44.	11.15
58	17:09:27.707	4	1.	555.	60.45
59	17:09:53.131	1	0.	58.	11.58
60	17:09:53.115	4	3.	594.	61.48
61	17:10:18.539	1	0.	54.	11.29
62	17:10:18.523	4	2.	474.	59.90
63	17:10:43.979	1	0.	48.	10.94
64	17:10:43.963	4	2.	493.	58.76
65	17:11:09.419	1	0.	47.	11.02
66	17:11:09.403	4	4.	540.	58.89
67	17:11:34.827	1	0.	57.	11.21
68	17:11:34.811	4	3.	510.	60.29
69	17:12:00.235	1	0.	97.	13.14
70	17:12:00.219	4	1.	479.	62.24
71	17:12:25.643	1	0.	119.	13.24
72	17:12:25.627	4	0.	673.	64.13
73	17:12:51.051	1	0.	235.	14.45
74	17:12:51.067	4	2.	723.	66.23
75	17:13:16.523	1	0.	247.	14.82
76	17:13:16.507	4	4.	494.	63.60
77	17:13:41.931	1	0.	302.	15.52
78	17:13:41.915	4	3.	464.	64.00
79	17:14:07.339	1	0.	274.	16.05
80	17:14:07.355	4	2.	427.	62.21
81	17:14:32.811	1	0.	293.	16.19
82	17:14:32.795	4	4.	395.	62.69
83	17:14:58.219	1	0.	276.	16.23
84	17:14:58.203	4	2.	379.	61.42
85	17:15:23.627	1	0.	296.	16.88
86	17:15:23.643	4	3.	367.	62.56
87	17:15:49.099	1	0.	273.	17.17
88	17:15:49.083	4	3.	370.	62.14

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#	Start Time	Det	Min	Max	Mean
89	17:16:14.507	1	0.	272.	17.31
90	17:16:14.491	4	2.	404.	60.69
91	17:16:39.915	1	0.	286.	17.85
92	17:16:39.899	4	3.	385.	59.43
93	17:17:05.355	1	0.	299.	18.22
94	17:17:05.339	4	0.	374.	59.49
95	17:17:30.795	1	0.	288.	17.82
96	17:17:30.779	4	2.	398.	59.32
97	17:17:56.203	1	0.	305.	17.83
98	17:17:56.219	4	2.	425.	59.51
99	17:18:21.675	1	0.	287.	18.04
100	17:18:21.659	4	3.	431.	60.52
101	17:18:47.083	1	0.	319.	18.41
102	17:18:47.067	4	0.	338.	58.67
103	17:19:12.491	1	0.	280.	17.66
104	17:19:12.475	4	2.	336.	57.40
105	17:19:37.900	1	0.	285.	18.04
106	17:19:37.884	4	3.	365.	58.24
107	17:20:03.308	1	0.	259.	17.76
108	17:20:03.292	4	3.	356.	56.45
109	17:20:28.716	1	0.	274.	17.15
110	17:20:28.700	4	4.	543.	56.47
111	17:20:54.124	1	0.	247.	16.90
112	17:20:54.108	4	3.	508.	55.74
113	17:21:19.532	1	0.	253.	16.05
114	17:21:19.516	4	0.	490.	57.02
115	17:21:44.940	1	0.	264.	15.84
116	17:21:44.956	4	2.	465.	56.02
117	17:22:10.412	1	0.	247.	15.63
118	17:22:10.396	4	2.	467.	56.64
119	17:22:35.820	1	0.	229.	15.61
120	17:22:35.804	4	3.	507.	57.92
121	17:23:01.228	1	0.	243.	16.52
122	17:23:01.244	4	3.	1436.	64.59
123	17:23:26.700	1	0.	339.	17.22
124	17:23:26.684	4	1.	2664.	73.54
125	17:23:52.108	1	0.	650.	20.07
126	17:23:52.092	4	3.	4116.	91.04
127	17:24:17.516	1	0.	610.	19.30
128	17:24:17.500	4	2.	3186.	79.26
129	17:24:42.924	1	0.	964.	21.66
130	17:24:42.908	4	2.	4664.	89.13
131	17:25:08.332	1	0.	740.	18.77
132	17:25:08.348	4	2.	3281.	75.41

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#	Start Time	Det	Min	Max	Mean
133	17:25:33.804	1	0.	661.	17.55
134	17:25:33.788	4	3.	2074.	67.56
135	17:25:59.212	1	0.	476.	16.78
136	17:25:59.196	4	0.	1617.	63.15
137	17:26:24.620	1	0.	386.	15.37
138	17:26:24.604	4	4.	1222.	59.48
139	17:26:50.060	1	0.	278.	14.91
140	17:26:50.044	4	3.	1000.	57.80
141	17:27:15.500	1	0.	206.	13.43
142	17:27:15.484	4	5.	802.	54.43
143	17:27:40.908	1	0.	161.	13.36
144	17:27:40.892	4	2.	623.	54.24
145	17:28:06.316	1	0.	112.	13.19
146	17:28:06.300	4	1.	602.	54.34
147	17:28:31.724	1	0.	84.	12.57
148	17:28:31.740	4	3.	570.	54.10
149	17:28:57.196	1	0.	66.	12.23
150	17:28:57.180	4	4.	469.	54.17
151	17:29:22.604	1	0.	60.	12.02
152	17:29:22.588	4	2.	382.	52.52
153	17:29:48.012	1	0.	53.	11.88
154	17:29:48.028	4	3.	448.	52.29
155	17:30:13.484	1	0.	50.	11.80
156	17:30:13.468	4	3.	458.	52.16
157	17:30:38.892	1	0.	46.	11.49
158	17:30:38.876	4	2.	448.	51.39
159	17:31:04.300	1	0.	48.	11.48
160	17:31:04.284	4	2.	436.	50.48
161	17:31:29.708	1	0.	41.	11.57
162	17:31:29.692	4	3.	429.	50.49
163	17:31:55.116	1	0.	48.	11.35
164	17:31:55.132	4	1.	368.	49.33
165	17:32:20.588	1	0.	52.	11.53
166	17:32:20.572	4	1.	309.	47.97
167	17:32:45.996	1	0.	43.	11.23
168	17:32:46.012	4	3.	235.	47.26
169	17:33:11.468	1	0.	57.	11.33
170	17:33:11.452	4	3.	252.	46.63
171	17:33:36.876	1	0.	34.	11.28
172	17:33:36.892	4	2.	186.	46.14
173	17:34:02.348	1	0.	41.	11.08
174	17:34:02.332	4	3.	197.	45.59
175	17:34:27.756	1	0.	43.	10.94
176	17:34:27.740	4	2.	205.	45.33

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#	Start Time	Det	Min	Max	Mean
177	17:34:53.164	1	0.	35.	11.19
178	17:34:53.180	4	2.	227.	44.56
179	17:35:18.636	1	0.	34.	10.94
180	17:35:18.620	4	2.	236.	44.30
181	17:35:44.044	1	0.	40.	11.12
182	17:35:44.060	4	0.	245.	44.10
183	17:36:09.516	1	0.	39.	11.34
184	17:36:09.500	4	0.	241.	43.41
185	17:36:34.924	1	0.	41.	11.13
186	17:36:34.908	4	1.	353.	43.64
187	17:37:00.332	1	0.	47.	11.15
188	17:37:00.316	4	3.	312.	44.76
189	17:37:25.740	1	0.	56.	11.61
190	17:37:25.724	4	1.	368.	44.15
191	17:37:51.148	1	0.	35.	11.27
192	17:37:51.164	4	1.	304.	44.59
193	17:38:16.620	1	0.	46.	11.23
194	17:38:16.604	4	2.	373.	44.16
195	17:38:42.028	1	0.	49.	11.51
196	17:38:42.044	4	3.	373.	43.25
197	17:39:07.500	1	0.	51.	11.13
198	17:39:07.484	4	2.	522.	44.26
199	17:39:32.908	1	0.	62.	11.23
200	17:39:32.892	4	1.	458.	43.33
201	17:39:58.348	1	0.	41.	11.39
202	17:39:58.364	4	2.	511.	44.08
203	17:40:23.788	1	0.	40.	11.43
204	17:40:23.772	4	3.	455.	43.40
205	17:40:49.228	1	0.	39.	11.10
206	17:40:49.212	4	2.	509.	43.42
207	17:41:14.668	1	0.	46.	11.40
208	17:41:14.652	4	0.	502.	42.65
209	17:41:40.108	1	0.	42.	11.17
210	17:41:40.124	4	2.	511.	43.72
211	17:42:05.548	1	0.	54.	11.99
212	17:42:05.532	4	1.	513.	44.35
213	17:42:30.956	1	0.	48.	12.09
214	17:42:30.940	4	2.	508.	44.21
215	17:42:56.364	1	0.	46.	11.94
216	17:42:56.380	4	2.	670.	44.71
217	17:43:21.836	1	1.	47.	12.35
218	17:43:21.820	4	2.	662.	45.45
219	17:43:47.244	1	0.	54.	12.06
220	17:43:47.228	4	2.	532.	43.78

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221	17:44:12.652	1	0.	62.	12.08
222	17:44:12.636	4	3.	525.	44.86
223	17:44:38.060	1	0.	81.	12.69
224	17:44:38.044	4	2.	643.	45.19
225	17:45:03.468	1	0.	62.	12.55
226	17:45:03.452	4	2.	489.	45.35
227	17:45:28.876	1	0.	94.	12.85
228	17:45:28.860	4	1.	486.	45.37
229	17:45:59.212	1	0.	58.	12.36
230	17:45:59.228	4	1.	542.	44.39
231	17:46:24.684	1	0.	56.	12.68
232	17:46:24.668	4	3.	560.	44.59
233	17:46:50.092	1	0.	57.	12.13
234	17:46:50.108	4	2.	416.	43.10
235	17:47:15.564	1	0.	52.	12.40
236	17:47:15.548	4	3.	363.	42.33
237	17:47:40.972	1	0.	47.	11.85
238	17:47:40.956	4	1.	286.	42.20
239	17:48:06.380	1	0.	45.	12.34
240	17:48:06.396	4	2.	284.	42.59
241	17:48:31.852	1	0.	42.	11.83
242	17:48:31.836	4	3.	247.	41.94
243	17:48:57.260	1	0.	55.	12.26
244	17:48:57.244	4	3.	268.	40.98
245	17:49:22.669	1	0.	45.	11.87
246	17:49:22.653	4	1.	365.	41.93
247	17:49:48.077	1	0.	47.	12.20
248	17:49:48.061	4	2.	386.	42.30
249	17:50:13.485	1	0.	43.	12.15
250	17:50:13.501	4	2.	335.	43.03
251	17:50:38.957	1	0.	45.	11.58
252	17:50:38.941	4	2.	345.	43.28
253	17:51:04.365	1	0.	40.	12.33
254	17:51:04.381	4	2.	368.	42.67
255	17:51:29.837	1	0.	44.	12.31
256	17:51:29.821	4	3.	334.	43.74
257	17:51:55.245	1	1.	42.	12.42
258	17:51:55.261	4	2.	357.	43.31
259	17:52:20.717	1	0.	44.	12.84
260	17:52:20.701	4	1.	283.	42.83
261	17:52:46.125	1	0.	43.	12.31
262	17:52:46.109	4	0.	255.	43.28
263	17:53:11.533	1	0.	43.	11.20
264	17:53:11.517	4	2.	209.	36.43

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#	Start Time	Det	Min	Max	Mean
265	17:53:36.941	1	0.	17.	3.16
266	17:53:36.925	4	0.	42.	4.68
267	17:54:02.349	1	0.	6.	0.82
268	17:54:02.365	4	0.	5.	0.65
269	17:54:27.821	1	0.	4.	0.04
270	17:54:27.805	4	0.	3.	0.03
271	17:54:53.229	1	0.	3.	0.03
272	17:54:53.213	4	0.	1.	0.02
273	17:55:18.637	1	0.	2.	0.01
274	17:55:18.621	4	0.	1.	0.02
275	17:55:44.077	1	0.	1.	0.02
Det	Min	Max			
1	0.	964.			
4	0.	466			