

Ultraviolet Spectrometer / Polarimeter Experiment 15977

Start time Nov 12 1980 02:34:24 DOY 317
End time Nov 12 1980 03:30:02 DOY 317

Start major 505148 Minor 81
End major 505556 Minor 8

Experiment type (1) **SPECTROHELIOGRAM**

Intvl 1 Det(s): 1 WL 1362.1 to 1362.1
4 WL 1360.8 to 1360.8

Slit 10 (S) 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 4032 at (60,175) WLD = 119198
min value 0 at (150,195)
blue max: vel = 60 int = 3 at (150, 95)
red max : vel = 39 int = 36 at (40, 85)
current flarX = 12 flarY = 186

Pointing information :

NOAA active region : 2779
Helio. Latitude and Longitude : -10.6(S), 7.6(W)
B0: 3.1 degrees P: 22.1 degrees

Spacecraft roll : 0.0 degrees
Spacecraft Pitch 254.8 Yaw -95.2 arcsec
Pitch and Yaw corresponding to UVSP X-cen Y-cen :
Pitch 229.8 arcsec
Yaw -126.2 arcsec

X boresight : 60.0
Y boresight : 201.0

Theta : -151.0 deg.
R : 262.2 arcsec
Rsun : 969.6 arcsec
R/Rsun : 0.270

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#	Start Time	Det	Min	Max	Mean
1	02:34:25.118	1	0.	109.	11.96
2	02:34:25.134	4	3.	321.	46.87
3	02:34:50.430	1	0.	146.	11.96
4	02:34:50.414	4	2.	282.	47.17
5	02:35:15.838	1	0.	137.	12.17
6	02:35:15.854	4	1.	220.	45.71
7	02:35:41.310	1	0.	149.	11.89
8	02:35:41.294	4	2.	172.	44.91
9	02:36:06.718	1	0.	162.	12.04
10	02:36:06.702	4	2.	175.	44.37
11	02:36:32.126	1	0.	153.	12.18
12	02:36:32.110	4	0.	177.	44.75
13	02:36:57.534	1	0.	156.	12.44
14	02:36:57.518	4	2.	318.	45.27
15	02:37:22.942	1	0.	128.	12.01
16	02:37:22.958	4	2.	395.	45.64
17	02:37:48.414	1	0.	110.	11.87
18	02:37:48.398	4	3.	264.	44.10
19	02:38:13.822	1	0.	111.	11.74
20	02:38:13.806	4	1.	252.	44.38
21	02:38:39.230	1	0.	118.	11.88
22	02:38:39.214	4	1.	219.	43.99
23	02:39:04.670	1	0.	105.	11.57
24	02:39:04.654	4	2.	210.	44.11
25	02:39:30.110	1	0.	99.	11.39
26	02:39:30.094	4	1.	406.	45.12
27	02:39:55.518	1	0.	88.	11.52
28	02:39:55.534	4	2.	445.	45.51
29	02:40:20.990	1	0.	109.	12.02
30	02:40:20.974	4	1.	622.	47.58
31	02:40:46.398	1	0.	162.	11.93
32	02:40:46.382	4	2.	934.	48.80
33	02:41:11.806	1	0.	218.	12.33
34	02:41:11.790	4	1.	1273.	50.77
35	02:41:37.214	1	0.	238.	12.44
36	02:41:37.198	4	0.	1646.	52.53
37	02:42:02.622	1	0.	322.	13.12
38	02:42:02.638	4	3.	1810.	55.28
39	02:42:28.094	1	0.	360.	13.56
40	02:42:28.078	4	2.	1847.	56.71
41	02:42:53.502	1	0.	541.	14.94
42	02:42:53.486	4	2.	2958.	63.63
43	02:43:18.910	1	0.	428.	15.19
44	02:43:18.894	4	3.	3218.	70.17

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#	Start Time	Det	Min	Max	Mean
45	02:43:44.318	1	0.	444.	16.18
46	02:43:44.302	4	3.	3611.	80.74
47	02:44:09.726	1	0.	574.	18.18
48	02:44:09.710	4	2.	3742.	92.17
49	02:44:35.134	1	0.	652.	19.14
50	02:44:35.118	4	1.	4293.	97.32
51	02:45:00.542	1	0.	634.	21.41
52	02:45:00.526	4	2.	3978.	103.45
53	02:45:25.950	1	0.	615.	20.27
54	02:45:25.934	4	3.	3522.	98.07
55	02:45:51.358	1	0.	650.	20.96
56	02:45:51.374	4	1.	3681.	99.94
57	02:46:16.830	1	0.	755.	22.63
58	02:46:16.814	4	0.	4902.	108.19
59	02:46:42.270	1	0.	969.	25.49
60	02:46:42.286	4	3.	4389.	113.11
61	02:47:07.742	1	0.	1136.	26.29
62	02:47:07.726	4	1.	3511.	112.40
63	02:47:33.182	1	1.	1305.	28.56
64	02:47:33.198	4	1.	3965.	114.02
65	02:47:58.654	1	0.	1315.	27.86
66	02:47:58.638	4	1.	2809.	105.30
67	02:48:24.094	1	0.	1150.	27.29
68	02:48:24.110	4	2.	2625.	96.98
69	02:48:49.567	1	0.	1414.	29.60
70	02:48:49.551	4	3.	4740.	111.61
71	02:49:15.007	1	0.	1790.	33.36
72	02:49:15.023	4	2.	5517.	120.88
73	02:49:40.479	1	1.	2378.	35.98
74	02:49:40.463	4	3.	2975.	108.98
75	02:50:05.919	1	0.	2891.	39.26
76	02:50:05.935	4	1.	2821.	102.18
77	02:50:31.391	1	0.	3443.	43.41
78	02:50:31.375	4	2.	3785.	106.74
79	02:50:56.831	1	0.	3560.	49.27
80	02:50:56.847	4	2.	3420.	111.35
81	02:51:22.303	1	0.	3415.	48.81
82	02:51:22.287	4	0.	2392.	104.53
83	02:51:47.743	1	0.	3854.	50.11
84	02:51:47.759	4	3.	1958.	97.07
85	02:52:13.215	1	0.	4032.	49.87
86	02:52:13.199	4	2.	2108.	95.15
87	02:52:38.655	1	0.	3922.	49.67
88	02:52:38.671	4	2.	2072.	98.99

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#	Start Time	Det	Min	Max	Mean
89	02:53:04.127	1	0.	3158.	45.77
90	02:53:04.111	4	1.	1850.	95.35
91	02:53:29.567	1	0.	2681.	45.00
92	02:53:29.583	4	2.	1651.	96.64
93	02:53:55.039	1	0.	2023.	43.67
94	02:53:55.023	4	3.	1523.	94.08
95	02:54:20.479	1	0.	1593.	44.55
96	02:54:20.495	4	2.	1285.	92.02
97	02:54:45.951	1	0.	1379.	44.77
98	02:54:45.935	4	2.	1229.	88.40
99	02:55:11.391	1	0.	1215.	47.44
100	02:55:11.407	4	0.	1051.	86.34
101	02:55:36.863	1	0.	1048.	49.74
102	02:55:36.847	4	2.	1014.	83.53
103	02:56:02.303	1	0.	1159.	52.31
104	02:56:02.319	4	1.	1001.	80.45
105	02:56:27.775	1	0.	1370.	54.95
106	02:56:27.759	4	2.	979.	79.11
107	02:56:53.215	1	0.	1495.	57.19
108	02:56:53.231	4	0.	884.	77.44
109	02:57:18.687	1	0.	1520.	59.15
110	02:57:18.671	4	2.	927.	78.11
111	02:57:44.127	1	0.	1587.	59.86
112	02:57:44.143	4	2.	947.	77.74
113	02:58:09.599	1	0.	1662.	60.61
114	02:58:09.583	4	2.	811.	74.73
115	02:58:35.039	1	0.	1614.	61.15
116	02:58:35.055	4	2.	805.	72.10
117	02:59:00.511	1	0.	1534.	62.06
118	02:59:00.495	4	4.	818.	69.92
119	02:59:25.951	1	0.	1376.	59.61
120	02:59:25.967	4	2.	732.	69.08
121	02:59:51.423	1	0.	1262.	57.33
122	02:59:51.407	4	3.	594.	65.07
123	03:00:16.863	1	1.	1071.	56.79
124	03:00:16.879	4	3.	511.	62.49
125	03:00:42.335	1	0.	974.	54.35
126	03:00:42.319	4	1.	463.	60.63
127	03:01:07.775	1	0.	825.	52.79
128	03:01:07.791	4	2.	448.	58.93
129	03:01:33.247	1	0.	785.	52.19
130	03:01:33.231	4	2.	468.	58.68
131	03:01:58.687	1	0.	817.	51.83
132	03:01:58.703	4	1.	463.	57.73

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#	Start Time	Det	Min	Max	Mean
133	03:02:24.159	1	0.	846.	51.18
134	03:02:24.143	4	1.	472.	57.03
135	03:02:49.599	1	1.	779.	50.82
136	03:02:49.615	4	1.	417.	55.30
137	03:03:15.071	1	0.	853.	49.61
138	03:03:15.055	4	0.	427.	54.39
139	03:03:40.511	1	0.	775.	49.18
140	03:03:40.527	4	1.	400.	53.25
141	03:04:05.983	1	1.	808.	48.89
142	03:04:05.967	4	2.	430.	51.44
143	03:04:31.423	1	0.	798.	49.01
144	03:04:31.439	4	1.	410.	52.08
145	03:04:56.895	1	0.	698.	47.97
146	03:04:56.879	4	2.	352.	52.65
147	03:05:22.335	1	0.	699.	46.99
148	03:05:22.351	4	1.	370.	52.70
149	03:05:47.807	1	0.	693.	47.64
150	03:05:47.791	4	1.	354.	54.11
151	03:06:13.247	1	0.	723.	46.99
152	03:06:13.263	4	1.	326.	52.30
153	03:06:38.719	1	0.	691.	46.11
154	03:06:38.703	4	1.	288.	50.14
155	03:07:04.159	1	0.	706.	45.99
156	03:07:04.175	4	2.	345.	49.96
157	03:07:29.631	1	0.	716.	46.29
158	03:07:29.615	4	2.	307.	49.05
159	03:07:55.071	1	0.	737.	44.97
160	03:07:55.087	4	0.	328.	48.96
161	03:08:20.543	1	0.	696.	44.80
162	03:08:20.527	4	3.	314.	48.26
163	03:08:45.983	1	1.	746.	46.49
164	03:08:45.999	4	0.	332.	47.36
165	03:09:11.455	1	0.	817.	46.49
166	03:09:11.439	4	2.	284.	45.42
167	03:09:36.895	1	0.	831.	46.60
168	03:09:36.911	4	0.	306.	46.60
169	03:10:02.367	1	0.	851.	46.54
170	03:10:02.351	4	2.	286.	45.90
171	03:10:27.807	1	0.	778.	46.30
172	03:10:27.823	4	2.	263.	46.31
173	03:10:53.279	1	0.	739.	44.23
174	03:10:53.263	4	1.	273.	44.61
175	03:11:18.719	1	0.	808.	45.69
176	03:11:18.735	4	2.	268.	43.87

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#	Start Time	Det	Min	Max	Mean
177	03:11:44.191	1	0.	792.	45.44
178	03:11:44.175	4	3.	251.	42.87
179	03:12:09.631	1	0.	730.	44.19
180	03:12:09.647	4	2.	242.	43.43
181	03:12:35.103	1	0.	782.	44.28
182	03:12:35.087	4	2.	254.	43.78
183	03:13:00.543	1	0.	732.	43.80
184	03:13:00.559	4	2.	216.	43.65
185	03:13:26.015	1	0.	739.	42.68
186	03:13:25.999	4	1.	231.	43.38
187	03:13:51.455	1	1.	715.	42.81
188	03:13:51.471	4	2.	203.	43.88
189	03:14:16.927	1	0.	684.	41.54
190	03:14:16.911	4	2.	223.	43.06
191	03:14:42.367	1	1.	605.	41.06
192	03:14:42.383	4	2.	218.	43.49
193	03:15:07.839	1	0.	618.	39.79
194	03:15:07.823	4	1.	205.	42.76
195	03:15:33.279	1	0.	582.	39.32
196	03:15:33.295	4	2.	200.	42.56
197	03:15:58.751	1	0.	575.	38.06
198	03:15:58.735	4	2.	221.	43.19
199	03:16:24.191	1	0.	544.	36.58
200	03:16:24.207	4	1.	195.	41.88
201	03:16:49.663	1	0.	578.	36.28
202	03:16:49.647	4	2.	173.	41.91
203	03:17:15.103	1	0.	517.	35.17
204	03:17:15.119	4	1.	174.	41.26
205	03:17:40.575	1	0.	575.	34.66
206	03:17:40.559	4	3.	180.	41.24
207	03:18:06.015	1	0.	503.	34.23
208	03:18:06.031	4	2.	329.	43.84
209	03:18:31.487	1	0.	480.	34.13
210	03:18:31.471	4	3.	302.	43.04
211	03:18:56.928	1	1.	495.	34.48
212	03:18:56.944	4	1.	302.	42.07
213	03:19:22.400	1	0.	449.	33.23
214	03:19:22.384	4	1.	291.	41.08
215	03:19:47.840	1	0.	443.	33.31
216	03:19:47.856	4	1.	252.	41.36
217	03:20:13.312	1	0.	376.	31.37
218	03:20:13.296	4	1.	233.	40.64
219	03:20:38.752	1	1.	337.	31.21
220	03:20:38.768	4	1.	344.	41.10

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#	Start Time	Det	Min	Max	Mean
221	03:21:04.224	1	0.	352.	30.15
222	03:21:04.208	4	3.	319.	40.90
223	03:21:29.664	1	1.	344.	29.21
224	03:21:29.680	4	2.	303.	40.92
225	03:21:55.136	1	0.	367.	27.58
226	03:21:55.120	4	1.	224.	40.10
227	03:22:20.576	1	0.	291.	26.77
228	03:22:20.592	4	1.	216.	39.84
229	03:22:46.048	1	0.	330.	25.84
230	03:22:46.032	4	1.	220.	39.88
231	03:23:11.488	1	0.	283.	25.88
232	03:23:11.504	4	3.	232.	40.72
233	03:23:36.960	1	0.	290.	24.71
234	03:23:36.944	4	1.	199.	40.13
235	03:24:02.400	1	0.	250.	23.71
236	03:24:02.416	4	3.	185.	39.68
237	03:24:27.872	1	0.	242.	22.99
238	03:24:27.856	4	3.	184.	39.23
239	03:24:53.312	1	0.	202.	22.28
240	03:24:53.328	4	2.	179.	39.77
241	03:25:18.784	1	0.	202.	21.87
242	03:25:18.768	4	2.	148.	39.30
243	03:25:44.224	1	1.	197.	20.64
244	03:25:44.240	4	2.	176.	38.92
245	03:26:09.696	1	0.	193.	20.44
246	03:26:09.680	4	2.	174.	39.01
247	03:26:35.136	1	0.	176.	19.83
248	03:26:35.152	4	1.	188.	39.00
249	03:27:00.608	1	0.	159.	18.80
250	03:27:00.592	4	1.	161.	39.20
251	03:27:26.048	1	0.	148.	18.24
252	03:27:26.064	4	2.	151.	37.18
253	03:27:51.520	1	0.	111.	12.96
254	03:27:51.504	4	0.	100.	21.29
255	03:28:16.960	1	0.	7.	1.50
256	03:28:16.976	4	0.	4.	1.04
257	03:28:42.432	1	0.	6.	0.15
258	03:28:42.416	4	0.	3.	0.11
259	03:29:07.872	1	0.	3.	0.03
260	03:29:07.888	4	0.	2.	0.02
261	03:29:33.344	1	0.	2.	0.03
262	03:29:33.328	4	0.	1.	0.03
263	03:29:58.784	1	0.	0.	0.00
Det	Min	Max			
1	0.	4032.			
4	0.	5517.			