

Ultraviolet Spectrometer / Polarimeter Experiment 15578

Start time Nov 06 1980 17:29:47 DOY 311

End time Nov 06 1980 18:15:04 DOY 311

Start major 448425 Minor 54

End major 448757 Minor 8

Experiment type (1) **SPECTROHELIOGRAM**

Intvl 1 Det(s): 1 WL 1354.2 to 1354.2
4 WL 1369.0 to 1369.0

Slit 4 (M) Reformatter version 15

Wavelength: Step # 119113 to # 119113

	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 120	-X-Y-P-W-	Gate 0.063

DMA information:

threshold 5
max value 2732 at (100,185) WLD = 119113
min value 0 at (120, 85)
blue max: vel = 60 int = 3 at (140, 95)
red max : vel = 39 int = 28 at (70,135)
current flarX = 76 flarY = 218

Pointing information :

NOAA active region : 2779

Helio. Latitude and Longitude : -12.1(S), -60.1(E)

B0: 3.7 degrees P: 23.4 degrees

Spacecraft roll : 0.0 degrees

Spacecraft Pitch 258.7 Yaw 851.7 arcsec

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

Pitch 233.7 arcsec

Yaw 820.7 arcsec

X boresight : 60.0

Y boresight : 201.0

Theta : 106.0 deg.

R : 853.3 arcsec

Rsun : 968.4 arcsec

R/Rsun : 0.881

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#	Start Time	Det	Min	Max	Mean
1	17:29:48.317	1	0.	2732.	65.71
2	17:29:48.301	4	2.	3158.	161.85
3	17:30:13.629	1	0.	2060.	60.89
4	17:30:13.613	4	1.	2876.	158.47
5	17:30:39.037	1	0.	1858.	58.84
6	17:30:39.021	4	2.	2664.	149.66
7	17:31:04.445	1	0.	1955.	57.32
8	17:31:04.429	4	3.	2861.	151.73
9	17:31:29.853	1	0.	1892.	56.28
10	17:31:29.837	4	3.	2957.	154.38
11	17:31:55.261	1	0.	1794.	53.84
12	17:31:55.277	4	2.	2475.	146.90
13	17:32:20.733	1	0.	1726.	52.59
14	17:32:20.717	4	1.	2333.	139.64
15	17:32:46.141	1	0.	1602.	50.01
16	17:32:46.125	4	1.	2123.	131.81
17	17:33:11.549	1	0.	1577.	49.79
18	17:33:11.533	4	0.	1528.	124.59
19	17:33:36.957	1	0.	1607.	47.75
20	17:33:36.941	4	0.	1323.	121.16
21	17:34:02.365	1	0.	1470.	46.65
22	17:34:02.349	4	2.	1451.	114.40
23	17:34:27.773	1	0.	1452.	45.29
24	17:34:27.789	4	1.	1162.	112.68
25	17:34:53.245	1	0.	1314.	43.11
26	17:34:53.229	4	1.	1138.	109.54
27	17:35:18.653	1	0.	1343.	42.05
28	17:35:18.637	4	2.	1132.	107.24
29	17:35:44.061	1	0.	1223.	41.26
30	17:35:44.045	4	0.	1067.	101.81
31	17:36:09.469	1	0.	1239.	40.33
32	17:36:09.453	4	2.	978.	97.10
33	17:36:34.877	1	0.	1229.	38.96
34	17:36:34.893	4	2.	958.	91.71
35	17:37:00.349	1	0.	1180.	38.18
36	17:37:00.333	4	2.	838.	89.62
37	17:37:25.757	1	0.	1009.	35.51
38	17:37:25.773	4	2.	829.	86.11
39	17:37:51.229	1	0.	906.	34.90
40	17:37:51.213	4	0.	774.	83.96
41	17:38:16.637	1	0.	749.	32.82
42	17:38:16.621	4	2.	695.	82.59
43	17:38:42.045	1	0.	626.	31.56
44	17:38:42.029	4	2.	711.	80.09

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45	17:39:07.453	1	0.	502.	30.32
46	17:39:07.437	4	1.	661.	78.36
47	17:39:32.861	1	0.	522.	29.30
48	17:39:32.845	4	2.	647.	78.26
49	17:39:58.269	1	0.	472.	28.58
50	17:39:58.253	4	1.	735.	76.30
51	17:40:23.677	1	0.	410.	27.52
52	17:40:23.693	4	1.	746.	76.48
53	17:40:49.149	1	0.	363.	26.56
54	17:40:49.133	4	1.	685.	75.37
55	17:41:14.557	1	0.	362.	25.29
56	17:41:14.573	4	0.	623.	73.52
57	17:41:40.029	1	0.	309.	25.14
58	17:41:40.013	4	2.	629.	72.81
59	17:42:05.437	1	0.	300.	24.48
60	17:42:05.421	4	1.	601.	71.96
61	17:42:30.877	1	0.	286.	23.75
62	17:42:30.861	4	1.	586.	71.25
63	17:42:56.317	1	0.	251.	23.46
64	17:42:56.301	4	1.	593.	73.38
65	17:43:21.725	1	0.	256.	23.20
66	17:43:21.709	4	1.	650.	73.42
67	17:43:47.133	1	0.	281.	22.53
68	17:43:47.117	4	0.	734.	74.69
69	17:44:12.541	1	0.	265.	22.38
70	17:44:12.525	4	2.	921.	75.61
71	17:44:37.949	1	0.	235.	22.27
72	17:44:37.933	4	1.	1011.	73.44
73	17:45:03.357	1	0.	220.	21.29
74	17:45:03.341	4	1.	843.	70.91
75	17:45:28.765	1	0.	191.	21.13
76	17:45:28.749	4	1.	802.	69.68
77	17:45:54.173	1	0.	164.	20.43
78	17:45:54.189	4	0.	698.	68.19
79	17:46:19.645	1	0.	217.	20.56
80	17:46:19.629	4	1.	658.	66.85
81	17:46:45.053	1	0.	172.	20.13
82	17:46:45.037	4	1.	590.	66.59
83	17:47:10.461	1	0.	200.	19.87
84	17:47:10.445	4	1.	503.	64.96
85	17:47:35.869	1	0.	192.	19.20
86	17:47:35.853	4	2.	498.	65.38
87	17:48:01.277	1	0.	183.	18.90
88	17:48:01.293	4	1.	578.	65.66

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89	17:48:26.749	1	0.	197.	19.11
90	17:48:26.733	4	1.	532.	67.27
91	17:48:52.157	1	0.	186.	18.87
92	17:48:52.141	4	1.	565.	66.89
93	17:49:17.565	1	0.	191.	18.90
94	17:49:17.581	4	0.	653.	66.37
95	17:49:43.037	1	0.	206.	18.87
96	17:49:43.021	4	1.	561.	65.15
97	17:50:08.445	1	0.	175.	18.98
98	17:50:08.429	4	2.	498.	64.04
99	17:50:33.853	1	0.	180.	18.69
100	17:50:33.837	4	1.	490.	63.02
101	17:50:59.261	1	0.	191.	18.95
102	17:50:59.245	4	1.	512.	62.35
103	17:51:24.669	1	0.	170.	19.30
104	17:51:24.653	4	1.	853.	65.26
105	17:51:50.109	1	0.	209.	18.97
106	17:51:50.093	4	1.	1235.	67.86
107	17:52:15.549	1	0.	189.	18.82
108	17:52:15.533	4	2.	1094.	69.81
109	17:52:40.957	1	0.	233.	18.79
110	17:52:40.941	4	0.	1264.	69.69
111	17:53:06.365	1	0.	197.	19.70
112	17:53:06.349	4	1.	997.	69.13
113	17:53:31.774	1	0.	179.	19.05
114	17:53:31.790	4	1.	645.	66.54
115	17:53:57.246	1	0.	177.	18.77
116	17:53:57.230	4	1.	636.	65.06
117	17:54:22.654	1	0.	216.	18.77
118	17:54:22.638	4	1.	571.	64.54
119	17:54:48.062	1	0.	207.	18.24
120	17:54:48.046	4	3.	555.	64.49
121	17:55:13.470	1	0.	187.	17.97
122	17:55:13.454	4	1.	500.	61.79
123	17:55:38.878	1	0.	200.	17.99
124	17:55:38.862	4	0.	485.	61.67
125	17:56:04.286	1	0.	181.	18.08
126	17:56:04.270	4	1.	481.	62.52
127	17:56:29.694	1	0.	144.	18.75
128	17:56:29.678	4	0.	497.	61.02
129	17:56:55.102	1	0.	157.	17.46
130	17:56:55.086	4	0.	461.	61.19
131	17:57:20.510	1	0.	156.	17.84
132	17:57:20.494	4	1.	680.	62.61

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#	Start Time	Det	Min	Max	Mean
133	17:57:45.918	1	0.	137.	17.30
134	17:57:45.902	4	1.	699.	62.03
135	17:58:11.326	1	0.	131.	16.92
136	17:58:11.342	4	1.	774.	61.74
137	17:58:36.798	1	0.	104.	16.56
138	17:58:36.782	4	0.	617.	60.85
139	17:59:02.238	1	0.	107.	16.46
140	17:59:02.222	4	0.	532.	59.18
141	17:59:27.678	1	0.	98.	16.11
142	17:59:27.662	4	1.	540.	58.95
143	17:59:53.086	1	0.	98.	16.17
144	17:59:53.102	4	1.	453.	57.55
145	18:00:18.558	1	0.	102.	16.40
146	18:00:18.542	4	1.	474.	56.98
147	18:00:43.966	1	0.	93.	15.74
148	18:00:43.950	4	0.	443.	56.59
149	18:01:09.374	1	0.	90.	16.05
150	18:01:09.358	4	0.	490.	57.28
151	18:01:34.782	1	0.	109.	16.29
152	18:01:34.766	4	1.	484.	58.19
153	18:02:00.190	1	0.	123.	16.96
154	18:02:00.206	4	0.	680.	62.05
155	18:02:25.662	1	0.	140.	16.56
156	18:02:25.646	4	1.	597.	60.75
157	18:02:51.070	1	0.	137.	16.30
158	18:02:51.054	4	0.	481.	59.02
159	18:03:16.478	1	0.	132.	16.32
160	18:03:16.494	4	1.	734.	60.85
161	18:03:41.950	1	0.	142.	16.53
162	18:03:41.934	4	1.	1002.	63.12
163	18:04:07.358	1	0.	123.	16.78
164	18:04:07.342	4	1.	780.	61.43
165	18:04:32.766	1	0.	139.	16.75
166	18:04:32.750	4	0.	776.	62.91
167	18:04:58.174	1	0.	117.	16.41
168	18:04:58.158	4	0.	569.	61.35
169	18:05:23.582	1	0.	130.	16.49
170	18:05:23.598	4	1.	497.	59.23
171	18:05:49.054	1	0.	127.	16.72
172	18:05:49.038	4	0.	643.	59.76
173	18:06:14.462	1	0.	120.	17.06
174	18:06:14.446	4	1.	513.	59.06
175	18:06:39.870	1	0.	150.	17.22
176	18:06:39.886	4	1.	497.	58.81

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#	Start Time	Det	Min	Max	Mean
177	18:07:05.342	1	0.	139.	17.26
178	18:07:05.326	4	1.	550.	59.41
179	18:07:30.750	1	0.	147.	17.38
180	18:07:30.766	4	0.	820.	61.34
181	18:07:56.222	1	0.	180.	17.38
182	18:07:56.206	4	1.	856.	60.65
183	18:08:21.630	1	0.	148.	17.10
184	18:08:21.614	4	1.	700.	60.44
185	18:08:47.070	1	0.	149.	17.49
186	18:08:47.054	4	1.	513.	57.31
187	18:09:12.510	1	0.	147.	16.91
188	18:09:12.494	4	1.	472.	57.34
189	18:09:37.918	1	0.	147.	17.00
190	18:09:37.902	4	1.	422.	56.77
191	18:10:03.326	1	0.	151.	16.76
192	18:10:03.310	4	1.	411.	57.39
193	18:10:28.766	1	0.	163.	17.14
194	18:10:28.750	4	0.	510.	57.85
195	18:10:54.206	1	0.	139.	17.10
196	18:10:54.190	4	1.	412.	57.57
197	18:11:19.614	1	0.	137.	16.16
198	18:11:19.598	4	0.	404.	55.90
199	18:11:45.022	1	0.	151.	16.63
200	18:11:45.006	4	0.	461.	58.18
201	18:12:10.430	1	0.	108.	15.86
202	18:12:10.414	4	1.	421.	54.44
203	18:12:35.838	1	0.	46.	3.80
204	18:12:35.854	4	0.	299.	10.70
205	18:13:01.310	1	0.	6.	0.69
206	18:13:01.294	4	0.	4.	0.44
207	18:13:26.718	1	0.	2.	0.02
208	18:13:26.702	4	0.	1.	0.02
209	18:13:52.126	1	0.	1.	0.00
210	18:13:52.110	4	0.	1.	0.00
211	18:14:17.566	1	0.	4.	0.05
212	18:14:17.550	4	0.	1.	0.02
213	18:14:43.006	1	0.	3.	0.05
Det	Min	Max			
1	0.	2732.			
4	0.	3158			