

Ultraviolet Spectrometer / Polarimeter Experiment 15662

Start time Nov 07 1980 15:50:20 DOY 312

End time Nov 07 1980 16:36:00 DOY 312

Start major 458243 Minor 102

End major 458578 Minor 39

Experiment type (1) **SPECTROHELIOGRAM**

Intvl 1 Det(s): 1 WL 1354.3 to 1354.3
4 WL 1369.1 to 1369.1

Slit 4 (M) Reformatter version 15

Wavelength: Step # 119098 to # 119098

	NW 0	DW 0	GBL WO=30
Polarimeter:	NP 0	DP 0	OUT
Raster:	NX 18	DX 10	X-center 108
	NY 18	DY 10	Y-center 170
	NR 120	-X-Y-P-W-	Gate 0.063

DMA information:

threshold 5
max value 394 at (73,155) WLD = 119098
min value 0 at (153, 85)
blue max: vel = 60 int = 3 at (183, 85)
red max : vel = 39 int = 32 at (73,105)
current flarX = 108 flarY = 218

Pointing information :

NOAA active region : 2779

Helio. Latitude and Longitude : -10.9(S), -49.2(E)

B0: 3.6 degrees P: 23.2 degrees

Spacecraft roll : 0.0 degrees

Spacecraft Pitch 270.7 Yaw 750.9 arcsec

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

Pitch 222.7 arcsec

Yaw 719.9 arcsec

X boresight : 60.0

Y boresight : 201.0

Theta : 107.0 deg.

R : 753.6 arcsec

Rsun : 968.6 arcsec

R/Rsun : 0.778

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#	Start Time	Det	Min	Max	Mean
1	15:50:20.489	1	0.	119.	12.64
2	15:50:20.505	4	2.	643.	72.86
3	15:50:45.801	1	1.	124.	12.06
4	15:50:45.785	4	1.	676.	70.32
5	15:51:11.209	1	0.	118.	13.06
6	15:51:11.193	4	1.	815.	73.67
7	15:51:36.617	1	0.	128.	12.87
8	15:51:36.633	4	2.	975.	73.32
9	15:52:02.089	1	0.	107.	12.50
10	15:52:02.073	4	2.	1026.	73.86
11	15:52:27.497	1	0.	97.	12.52
12	15:52:27.481	4	1.	794.	72.30
13	15:52:52.905	1	0.	100.	12.13
14	15:52:52.921	4	1.	703.	70.32
15	15:53:18.377	1	0.	85.	12.10
16	15:53:18.361	4	2.	685.	69.81
17	15:53:43.785	1	0.	94.	11.75
18	15:53:43.769	4	2.	680.	71.47
19	15:54:09.193	1	0.	96.	11.76
20	15:54:09.177	4	2.	772.	71.98
21	15:54:34.601	1	0.	94.	11.83
22	15:54:34.585	4	2.	818.	69.93
23	15:55:00.009	1	0.	92.	11.73
24	15:55:00.025	4	2.	806.	69.88
25	15:55:25.481	1	0.	85.	11.57
26	15:55:25.465	4	1.	1535.	73.21
27	15:55:50.889	1	0.	84.	11.39
28	15:55:50.873	4	2.	736.	68.10
29	15:56:16.297	1	0.	92.	11.35
30	15:56:16.281	4	2.	779.	67.83
31	15:56:41.705	1	0.	98.	11.17
32	15:56:41.689	4	2.	849.	69.12
33	15:57:07.113	1	0.	140.	11.32
34	15:57:07.097	4	2.	1096.	70.90
35	15:57:32.521	1	0.	96.	11.96
36	15:57:32.505	4	0.	1255.	73.28
37	15:57:57.929	1	0.	106.	11.61
38	15:57:57.945	4	2.	944.	70.39
39	15:58:23.401	1	0.	84.	11.91
40	15:58:23.385	4	3.	782.	68.25
41	15:58:48.809	1	0.	86.	11.65
42	15:58:48.793	4	3.	851.	69.79
43	15:59:14.217	1	0.	101.	11.93
44	15:59:14.201	4	1.	830.	69.73

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#	Start Time	Det	Min	Max	Mean
45	15:59:39.626	1	0.	88.	11.42
46	15:59:39.610	4	1.	512.	68.07
47	16:00:05.034	1	0.	66.	11.56
48	16:00:05.050	4	0.	470.	67.08
49	16:00:30.506	1	0.	70.	11.83
50	16:00:30.490	4	3.	671.	68.62
51	16:00:55.914	1	0.	111.	11.89
52	16:00:55.898	4	2.	958.	71.64
53	16:01:21.322	1	0.	92.	11.66
54	16:01:21.338	4	2.	867.	69.95
55	16:01:46.794	1	0.	76.	11.86
56	16:01:46.778	4	1.	714.	68.75
57	16:02:12.202	1	0.	88.	11.85
58	16:02:12.186	4	2.	543.	68.69
59	16:02:37.610	1	0.	96.	12.30
60	16:02:37.626	4	0.	655.	70.21
61	16:03:03.082	1	0.	115.	12.80
62	16:03:03.066	4	1.	907.	72.24
63	16:03:28.522	1	0.	115.	12.40
64	16:03:28.506	4	1.	859.	73.51
65	16:03:53.962	1	0.	82.	12.62
66	16:03:53.946	4	2.	807.	72.85
67	16:04:19.370	1	0.	91.	12.52
68	16:04:19.386	4	2.	821.	72.81
69	16:04:44.842	1	0.	81.	12.60
70	16:04:44.826	4	2.	852.	73.49
71	16:05:10.282	1	0.	123.	13.56
72	16:05:10.266	4	2.	1218.	75.29
73	16:05:35.722	1	0.	165.	13.99
74	16:05:35.706	4	3.	1512.	78.33
75	16:06:01.130	1	0.	159.	14.20
76	16:06:01.146	4	4.	1944.	83.26
77	16:06:26.602	1	0.	163.	13.54
78	16:06:26.586	4	2.	1327.	76.80
79	16:06:52.010	1	0.	142.	13.27
80	16:06:51.994	4	1.	1098.	73.19
81	16:07:17.418	1	0.	84.	13.09
82	16:07:17.402	4	3.	926.	71.76
83	16:07:42.826	1	1.	74.	12.16
84	16:07:42.810	4	3.	718.	68.30
85	16:08:08.234	1	0.	75.	12.09
86	16:08:08.218	4	0.	742.	66.29
87	16:08:33.642	1	1.	81.	11.88
88	16:08:33.626	4	1.	570.	64.57

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#	Start Time	Det	Min	Max	Mean
89	16:08:59.050	1	0.	67.	11.52
90	16:08:59.066	4	2.	577.	65.46
91	16:09:24.522	1	0.	64.	12.23
92	16:09:24.506	4	3.	741.	68.76
93	16:09:49.930	1	0.	78.	11.55
94	16:09:49.914	4	2.	898.	71.61
95	16:10:15.338	1	0.	77.	11.74
96	16:10:15.322	4	2.	817.	71.65
97	16:10:40.746	1	0.	100.	12.26
98	16:10:40.730	4	3.	711.	71.66
99	16:11:06.154	1	0.	127.	12.43
100	16:11:06.138	4	3.	720.	74.37
101	16:11:31.562	1	0.	151.	12.40
102	16:11:31.546	4	2.	670.	70.25
103	16:11:57.002	1	0.	172.	12.97
104	16:11:56.986	4	2.	742.	69.71
105	16:12:22.442	1	0.	147.	12.17
106	16:12:22.458	4	1.	463.	67.03
107	16:12:47.914	1	0.	116.	11.96
108	16:12:47.898	4	2.	566.	66.12
109	16:13:13.322	1	0.	93.	11.86
110	16:13:13.306	4	2.	593.	66.44
111	16:13:38.730	1	0.	106.	11.59
112	16:13:38.714	4	2.	1188.	71.82
113	16:14:04.138	1	0.	122.	11.54
114	16:14:04.122	4	2.	1017.	70.88
115	16:14:29.546	1	0.	98.	11.91
116	16:14:29.562	4	1.	989.	70.17
117	16:14:55.018	1	0.	74.	11.64
118	16:14:55.002	4	1.	686.	67.87
119	16:15:20.426	1	0.	82.	11.62
120	16:15:20.410	4	0.	587.	65.89
121	16:15:45.834	1	0.	80.	11.44
122	16:15:45.818	4	1.	583.	65.52
123	16:16:11.242	1	0.	86.	11.82
124	16:16:11.226	4	2.	550.	65.11
125	16:16:36.650	1	0.	132.	11.90
126	16:16:36.634	4	2.	639.	67.58
127	16:17:02.058	1	0.	169.	12.57
128	16:17:02.042	4	2.	739.	67.14
129	16:17:27.466	1	0.	166.	12.07
130	16:17:27.482	4	2.	934.	67.79
131	16:17:52.938	1	0.	132.	11.67
132	16:17:52.922	4	2.	590.	66.63

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#	Start Time	Det	Min	Max	Mean
133	16:18:18.346	1	0.	168.	12.55
134	16:18:18.330	4	2.	729.	68.29
135	16:18:43.754	1	0.	152.	13.16
136	16:18:43.738	4	1.	837.	73.20
137	16:19:09.162	1	0.	229.	15.27
138	16:19:09.146	4	2.	1469.	83.26
139	16:19:34.570	1	0.	298.	15.97
140	16:19:34.586	4	3.	1416.	81.13
141	16:20:00.042	1	0.	394.	16.02
142	16:20:00.026	4	1.	1325.	81.15
143	16:20:25.450	1	0.	384.	15.61
144	16:20:25.434	4	2.	1441.	80.32
145	16:20:50.858	1	0.	239.	14.93
146	16:20:50.874	4	2.	1334.	79.18
147	16:21:16.330	1	0.	135.	13.66
148	16:21:16.314	4	1.	1202.	75.97
149	16:21:41.738	1	0.	134.	13.34
150	16:21:41.722	4	2.	994.	71.86
151	16:22:07.146	1	0.	108.	13.24
152	16:22:07.162	4	2.	895.	70.90
153	16:22:32.618	1	0.	129.	13.56
154	16:22:32.602	4	2.	1125.	72.82
155	16:22:58.026	1	0.	138.	13.17
156	16:22:58.010	4	2.	1201.	76.06
157	16:23:23.434	1	0.	102.	13.62
158	16:23:23.418	4	0.	913.	72.52
159	16:23:48.842	1	0.	101.	13.08
160	16:23:48.826	4	0.	850.	73.04
161	16:24:14.250	1	0.	95.	13.00
162	16:24:14.266	4	1.	619.	68.36
163	16:24:39.722	1	0.	99.	12.90
164	16:24:39.706	4	0.	505.	66.23
165	16:25:05.130	1	0.	106.	12.28
166	16:25:05.114	4	1.	463.	66.06
167	16:25:30.538	1	0.	94.	12.44
168	16:25:30.554	4	1.	549.	62.91
169	16:25:56.010	1	0.	85.	11.92
170	16:25:55.994	4	2.	489.	63.48
171	16:26:21.418	1	0.	78.	11.92
172	16:26:21.402	4	2.	514.	62.02
173	16:26:46.826	1	0.	79.	11.98
174	16:26:46.810	4	0.	441.	59.74
175	16:27:12.234	1	0.	85.	11.47
176	16:27:12.218	4	1.	499.	60.67

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#	Start Time	Det	Min	Max	Mean
177	16:27:37.642	1	0.	81.	11.76
178	16:27:37.626	4	2.	537.	59.76
179	16:28:03.050	1	0.	79.	11.49
180	16:28:03.034	4	0.	16383.	108.51
181	16:28:28.458	1	0.	76.	11.68
182	16:28:28.474	4	3.	507.	57.33
183	16:28:53.930	1	0.	83.	10.93
184	16:28:53.914	4	1.	404.	57.06
185	16:29:19.338	1	0.	112.	11.36
186	16:29:19.322	4	2.	425.	58.52
187	16:29:44.747	1	0.	124.	11.77
188	16:29:44.763	4	1.	598.	60.34
189	16:30:10.219	1	0.	112.	11.39
190	16:30:10.203	4	1.	556.	59.90
191	16:30:35.627	1	0.	110.	11.98
192	16:30:35.611	4	2.	532.	60.84
193	16:31:01.035	1	0.	112.	11.85
194	16:31:01.051	4	1.	621.	64.19
195	16:31:26.507	1	0.	111.	12.57
196	16:31:26.491	4	2.	713.	67.57
197	16:31:51.915	1	0.	123.	12.14
198	16:31:51.899	4	1.	719.	67.91
199	16:32:17.323	1	0.	91.	11.72
200	16:32:17.307	4	2.	516.	65.08
201	16:32:42.731	1	0.	90.	10.84
202	16:32:42.715	4	2.	406.	57.31
203	16:33:08.139	1	0.	22.	3.46
204	16:33:08.155	4	0.	106.	10.28
205	16:33:33.611	1	0.	6.	0.73
206	16:33:33.595	4	0.	3.	0.56
207	16:33:59.019	1	0.	3.	0.02
208	16:33:59.003	4	0.	1.	0.01
209	16:34:24.427	1	0.	4.	0.04
210	16:34:24.411	4	0.	1.	0.01
211	16:34:49.835	1	0.	3.	0.02
212	16:34:49.819	4	0.	2.	0.03
213	16:35:15.243	1	0.	3.	0.03
214	16:35:15.227	4	0.	3.	0.03
215	16:35:40.651	1	0.	4.	0.02
Det	Min	Max			
1	0.	394.			
4	0.	16383.			