

Ultraviolet Spectrometer / Polarimeter Experiment 16371

Start time Nov 13 1980 07:34:40 DOY 318

End time Nov 13 1980 08:14:02 DOY 318

Start major 517894 Minor 86

End major 518183 Minor 7

Experiment type (1) **SPECTROHELIOGRAM**

Intvl 1 Det(s): 1 WL 1354.2 to 1354.2
4 WL 1359.0 to 1359.0

Slit 18 (N) Reformatter version 15

Wavelength: Step # 119208 to # 119208

	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 166 at (110,235) WLD = 119208
min value 0 at (40,95)
blue max: vel = 60 int = 3 at (100,85)
red max: vel = 39 int = 28 at (50,125)
current flarX = 12 flarY = 186

Pointing information :

NOAA active region : 2779

Helio. Latitude and Longitude : -10.7(S), 23.9(W)

B0: 3.0 degrees P: 21.8 degrees

Spacecraft roll : 0.0 degrees

Spacecraft Pitch 249.7 Yaw -355.8 arcsec

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

Pitch 224.7 arcsec

Yaw -386.8 arcsec

X boresight : 60.0

Y boresight : 201.0

Theta : -120.0 deg.

R : 447.3 arcsec

Rsun : 969.9 arcsec

R/Rsun : 0.461

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#	Start Time	Det	Min	Max	Mean
1	07:34:40.728	1	0.	60.	10.54
2	07:34:40.744	4	3.	419.	41.91
3	07:35:06.041	1	0.	73.	11.35
4	07:35:06.057	4	0.	526.	44.90
5	07:35:31.513	1	0.	96.	11.26
6	07:35:31.497	4	1.	737.	45.98
7	07:35:56.921	1	0.	76.	11.48
8	07:35:56.905	4	1.	514.	43.95
9	07:36:22.329	1	0.	87.	11.05
10	07:36:22.313	4	2.	509.	41.80
11	07:36:47.737	1	0.	76.	11.46
12	07:36:47.753	4	0.	493.	42.31
13	07:37:13.209	1	0.	78.	11.30
14	07:37:13.193	4	2.	409.	42.15
15	07:37:38.617	1	0.	80.	11.46
16	07:37:38.633	4	0.	352.	41.99
17	07:38:04.089	1	0.	62.	11.60
18	07:38:04.073	4	1.	429.	42.35
19	07:38:29.497	1	0.	79.	11.48
20	07:38:29.513	4	1.	434.	41.72
21	07:38:54.969	1	0.	71.	11.52
22	07:38:54.953	4	2.	366.	40.95
23	07:39:20.377	1	0.	89.	12.15
24	07:39:20.361	4	1.	408.	42.26
25	07:39:45.785	1	0.	71.	11.87
26	07:39:45.769	4	0.	375.	42.20
27	07:40:11.193	1	0.	72.	12.10
28	07:40:11.209	4	2.	393.	43.65
29	07:40:36.665	1	0.	79.	11.93
30	07:40:36.649	4	2.	384.	43.81
31	07:41:02.073	1	0.	79.	12.06
32	07:41:02.057	4	2.	371.	43.33
33	07:41:27.481	1	0.	107.	12.05
34	07:41:27.497	4	0.	442.	43.80
35	07:41:52.953	1	0.	89.	12.03
36	07:41:52.937	4	0.	404.	43.77
37	07:42:18.361	1	0.	383.	13.16
38	07:42:18.345	4	0.	369.	43.07
39	07:42:43.769	1	0.	100.	12.22
40	07:42:43.753	4	1.	24610.	199.48
41	07:43:09.177	1	0.	3071.	20.66
42	07:43:09.161	4	0.	409.	41.15
43	07:43:34.585	1	0.	57.	11.00
44	07:43:34.601	4	0.	446.	40.70

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#	Start Time	Det	Min	Max	Mean
45	07:44:00.057	1	0.	57.	10.82
46	07:44:00.041	4	2.	452.	40.73
47	07:44:25.465	1	0.	50.	10.29
48	07:44:25.449	4	2.	1535.	44.69
49	07:44:50.905	1	0.	50.	10.28
50	07:44:50.921	4	2.	336.	39.74
51	07:45:16.345	1	0.	385.	11.53
52	07:45:16.329	4	3.	438.	38.56
53	07:45:41.753	1	0.	46.	10.07
54	07:45:41.769	4	2.	603.	40.17
55	07:46:07.225	1	0.	43.	10.26
56	07:46:07.209	4	2.	515.	38.73
57	07:46:32.633	1	0.	47.	10.40
58	07:46:32.649	4	0.	587.	38.50
59	07:46:58.105	1	0.	36.	9.97
60	07:46:58.089	4	2.	520.	37.66
61	07:47:23.513	1	0.	53.	9.98
62	07:47:23.497	4	1.	571.	37.22
63	07:47:48.921	1	0.	49.	9.84
64	07:47:48.905	4	4.	490.	37.09
65	07:48:14.329	1	0.	37.	9.89
66	07:48:14.313	4	1.	362.	36.19
67	07:48:39.737	1	0.	38.	9.67
68	07:48:39.753	4	0.	313.	36.02
69	07:49:05.209	1	0.	38.	9.75
70	07:49:05.193	4	1.	397.	36.32
71	07:49:30.617	1	0.	12306.	126.77
72	07:49:30.601	4	0.	12351.	172.22
73	07:49:52.089	1	0.	47.	6.97
74	07:49:51.593	4	0.	24575.	106.38
75	07:50:21.433	1	0.	49.	10.20
76	07:50:21.417	4	2.	649.	37.53
77	07:50:46.841	1	0.	44.	9.85
78	07:50:46.857	4	0.	624.	37.19
79	07:51:12.313	1	0.	47.	10.00
80	07:51:12.297	4	3.	12310.	74.62
81	07:51:37.721	1	0.	62.	10.13
82	07:51:37.705	4	2.	458.	37.08
83	07:52:03.129	1	0.	53.	10.01
84	07:52:03.145	4	1.	494.	39.00
85	07:52:28.601	1	0.	81.	10.51
86	07:52:28.585	4	2.	12287.	78.74
87	07:52:54.009	1	0.	67.	10.83
88	07:52:53.993	4	3.	546.	42.17

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#	Start Time	Det	Min	Max	Mean
89	07:53:19.449	1	0.	63.	10.92
90	07:53:19.433	4	2.	24575.	119.94
91	07:53:44.889	1	0.	55.	10.86
92	07:53:44.873	4	0.	615.	45.14
93	07:54:10.297	1	0.	51492.	460.52
94	07:54:10.281	4	0.	51492.	474.61
95	07:54:29.561	1	0.	101.	10.60
96	07:54:29.545	4	0.	1461.	55.18
97	07:55:51.993	1	0.	123.	14.17
98	07:55:51.977	4	2.	1576.	64.72
99	07:56:17.401	1	0.	140.	14.77
100	07:56:17.385	4	0.	1634.	73.62
101	07:56:42.809	1	0.	131.	15.11
102	07:56:42.793	4	1.	1864.	75.85
103	07:57:08.217	1	0.	141.	15.31
104	07:57:08.201	4	1.	1988.	76.62
105	07:57:33.625	1	0.	138.	14.74
106	07:57:33.513	4	2.	12329.	109.11
107	07:57:59.033	1	0.	119.	15.33
108	07:57:59.017	4	0.	1631.	69.94
109	07:58:24.441	1	0.	128.	14.82
110	07:58:24.425	4	1.	1230.	64.13
111	07:58:49.849	1	0.	131.	15.36
112	07:58:49.833	4	2.	1238.	62.43
113	07:59:15.257	1	0.	1535.	19.77
114	07:59:15.241	4	1.	1239.	59.14
115	07:59:40.697	1	0.	788.	18.14
116	07:59:40.681	4	3.	1604.	63.98
117	08:00:06.137	1	0.	166.	15.88
118	08:00:06.121	4	0.	24575.	134.33
119	08:00:31.545	1	0.	12317.	65.17
120	08:00:31.561	4	0.	24581.	145.14
121	08:00:57.017	1	0.	780.	18.62
122	08:00:57.001	4	0.	6191.	99.34
123	08:01:22.425	1	0.	12287.	63.47
124	08:01:22.409	4	0.	24575.	218.91
125	08:01:47.833	1	0.	12287.	54.25
126	08:01:47.817	4	2.	12427.	170.75
127	08:02:13.241	1	0.	164.	15.18
128	08:02:13.225	4	0.	1486.	57.25
129	08:02:38.649	1	0.	1535.	19.61
130	08:02:38.665	4	0.	1111.	56.72
131	08:03:04.121	1	0.	1535.	19.42
132	08:03:04.105	4	1.	3071.	64.61

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#	Start Time	Det	Min	Max	Mean
133	08:03:29.529	1	0.	12287.	56.07
134	08:03:29.513	4	3.	6160.	78.37
135	08:03:54.937	1	0.	24587.	184.76
136	08:03:54.953	4	0.	959.	50.79
137	08:04:20.410	1	0.	1535.	18.16
138	08:04:20.394	4	3.	936.	52.45
139	08:04:45.818	1	0.	3077.	23.44
140	08:04:45.802	4	1.	786.	47.50
141	08:05:11.226	1	0.	24586.	89.02
142	08:05:11.210	4	2.	750.	48.08
143	08:05:36.634	1	0.	90.	12.81
144	08:05:36.618	4	0.	1011.	52.49
145	08:06:02.042	1	0.	105.	12.64
146	08:06:02.058	4	1.	1000.	52.67
147	08:06:27.514	1	0.	77.	12.62
148	08:06:27.498	4	1.	1004.	54.81
149	08:06:57.914	1	0.	77.	12.40
150	08:06:57.898	4	2.	1283.	57.66
151	08:07:23.322	1	0.	82.	12.72
152	08:07:23.306	4	2.	1325.	57.89
153	08:07:48.730	1	0.	99.	12.64
154	08:07:48.714	4	1.	1170.	57.95
155	08:08:14.138	1	0.	102.	12.42
156	08:08:14.122	4	0.	1270.	56.86
157	08:08:39.546	1	0.	57073.	668.34
158	08:08:39.530	4	0.	57072.	640.18
159	08:08:51.514	1	0.	58973.	633.13
160	08:08:51.498	4	0.	58972.	658.38
161	08:08:55.354	1	0.	60561.	713.34
162	08:08:55.370	4	0.	60560.	814.36
163	08:12:43.962	1	0.	95.	1.07
164	08:12:43.946	4	0.	96.	0.30
165	08:12:53.818	1	0.	2.	0.02
166	08:12:53.802	4	0.	12287.	61.64
167	08:13:19.226	1	0.	11.	0.06
168	08:13:19.210	4	0.	384.	1.19
169	08:13:44.634	1	0.	48.	0.17
Det	Min	Max			
1	0.	60561.			
4	0.	6050			