

Ultraviolet Spectrometer / Polarimeter Experiment 16404

Start time Nov 19 1980 03:46:01 DOY 324

End time Nov 19 1980 04:43:06 DOY 324

Start major 579501 Minor 27

End major 579919 Minor 39

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 # 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 392 at (80,195) WLD = 119208
min value 0 at (0, 85)
blue max: vel = 60 int = 3 at (70,175)
red max : vel = 39 int = 32 at (170,185)
current flarX = 76 flarY = 218

Pointing information :

NOAA active region : 2779

Helio. Latitude and Longitude : -13.5(S), 89.4(W)

B0: 2.3 degrees P: 20.1 degrees

Spacecraft roll : 0.0 degrees

Spacecraft Pitch 259.6 Yaw -945.3 arcsec

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

Pitch 234.6 arcsec

Yaw -976.3 arcsec

X boresight : 60.0

Y boresight : 201.0

Theta : -104.0 deg.

R : 1004.1 arcsec

Rsun : 971.1 arcsec

R/Rsun : 1.034

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#	Start Time	Det	Min	Max	Mean
1	03:46:01.781	1	0.	57.	2.78
2	03:46:01.797	4	0.	122.	11.01
3	03:46:27.093	1	0.	49.	2.32
4	03:46:27.077	4	0.	123.	10.85
5	03:46:52.501	1	0.	52.	2.47
6	03:46:52.485	4	0.	120.	10.98
7	03:47:17.909	1	0.	34.	2.38
8	03:47:17.893	4	0.	121.	11.00
9	03:47:43.317	1	0.	44.	2.52
10	03:47:43.333	4	0.	125.	11.19
11	03:48:08.789	1	0.	35.	2.76
12	03:48:08.773	4	0.	110.	10.75
13	03:48:34.197	1	0.	33.	2.44
14	03:48:34.181	4	0.	138.	10.76
15	03:48:59.605	1	0.	39.	2.46
16	03:48:59.589	4	0.	115.	10.68
17	03:49:25.045	1	0.	31.	2.30
18	03:49:25.029	4	0.	124.	10.62
19	03:49:50.485	1	0.	24.	2.29
20	03:49:50.469	4	0.	115.	10.61
21	03:50:15.925	1	0.	25.	2.33
22	03:50:15.909	4	0.	109.	10.55
23	03:50:41.365	1	0.	17.	2.26
24	03:50:41.349	4	0.	112.	10.36
25	03:51:06.773	1	0.	23.	2.27
26	03:51:06.757	4	0.	119.	10.60
27	03:51:32.181	1	0.	23.	2.26
28	03:51:32.197	4	0.	106.	10.81
29	03:51:57.653	1	0.	22.	2.26
30	03:51:57.637	4	0.	116.	10.43
31	03:52:23.093	1	0.	20.	2.22
32	03:52:23.077	4	0.	107.	10.58
33	03:52:48.533	1	0.	17.	2.23
34	03:52:48.517	4	0.	123.	10.72
35	03:53:13.941	1	0.	19.	2.10
36	03:53:13.957	4	0.	109.	10.37
37	03:53:39.413	1	0.	19.	2.11
38	03:53:39.397	4	0.	121.	10.72
39	03:54:04.821	1	0.	22.	2.09
40	03:54:04.805	4	0.	99.	10.48
41	03:54:30.229	1	0.	20.	2.14
42	03:54:30.213	4	0.	118.	10.47
43	03:54:55.637	1	0.	16.	2.03
44	03:54:55.621	4	0.	116.	10.69

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#	Start Time	Det	Min	Max	Mean
45	03:55:21.045	1	0.	18.	2.19
46	03:55:21.061	4	0.	127.	10.76
47	03:55:46.517	1	0.	26.	2.35
48	03:55:46.501	4	0.	110.	10.38
49	03:56:11.925	1	0.	17.	2.00
50	03:56:11.909	4	0.	116.	10.32
51	03:56:37.333	1	0.	18.	2.17
52	03:56:37.317	4	0.	112.	10.18
53	03:57:02.741	1	0.	19.	2.08
54	03:57:02.725	4	0.	122.	10.80
55	03:57:28.149	1	0.	18.	2.19
56	03:57:28.165	4	0.	126.	10.31
57	03:57:53.621	1	0.	21.	2.10
58	03:57:53.605	4	0.	96.	10.10
59	03:58:19.029	1	0.	20.	2.12
60	03:58:19.013	4	0.	110.	9.72
61	03:58:44.437	1	0.	19.	2.09
62	03:58:44.421	4	0.	114.	10.17
63	03:59:09.845	1	0.	20.	2.05
64	03:59:09.829	4	0.	109.	9.93
65	03:59:35.253	1	0.	16.	2.04
66	03:59:35.269	4	0.	114.	10.35
67	04:00:00.725	1	0.	25.	2.06
68	04:00:00.709	4	0.	121.	10.18
69	04:00:26.133	1	0.	23.	1.94
70	04:00:26.117	4	0.	118.	10.23
71	04:00:51.541	1	0.	18.	1.92
72	04:00:51.525	4	0.	128.	10.22
73	04:01:16.949	1	0.	17.	2.13
74	04:01:16.933	4	0.	117.	10.14
75	04:01:42.357	1	0.	23.	2.01
76	04:01:42.341	4	0.	98.	9.80
77	04:02:07.765	1	0.	15.	1.96
78	04:02:07.749	4	0.	112.	9.86
79	04:02:33.173	1	0.	20.	2.10
80	04:02:33.189	4	0.	122.	10.10
81	04:02:58.645	1	0.	27.	2.20
82	04:02:58.629	4	0.	104.	9.84
83	04:03:24.053	1	0.	26.	2.20
84	04:03:24.037	4	0.	110.	9.98
85	04:03:49.461	1	0.	29.	2.20
86	04:03:49.477	4	0.	109.	9.94
87	04:04:14.933	1	0.	36.	2.11
88	04:04:14.917	4	0.	116.	10.00

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#	Start Time	Det	Min	Max	Mean
89	04:04:40.341	1	0.	29.	2.01
90	04:04:40.325	4	0.	117.	9.85
91	04:05:05.781	1	0.	34.	2.24
92	04:05:05.797	4	0.	109.	9.60
93	04:05:31.221	1	0.	29.	2.23
94	04:05:31.205	4	0.	116.	9.80
95	04:05:56.629	1	0.	26.	2.20
96	04:05:56.613	4	0.	107.	9.89
97	04:06:22.037	1	0.	41.	2.34
98	04:06:22.021	4	0.	104.	9.73
99	04:06:47.445	1	0.	40.	2.31
100	04:06:47.429	4	0.	101.	9.77
101	04:07:12.853	1	0.	43.	2.38
102	04:07:12.837	4	0.	99.	9.63
103	04:07:38.261	1	0.	41.	2.38
104	04:07:38.245	4	0.	111.	9.83
105	04:08:03.669	1	0.	48.	2.65
106	04:08:03.653	4	0.	102.	9.70
107	04:08:29.077	1	0.	59.	2.35
108	04:08:29.061	4	0.	115.	9.37
109	04:08:54.485	1	0.	47.	2.38
110	04:08:54.469	4	0.	105.	9.46
111	04:09:19.893	1	0.	59.	2.42
112	04:09:19.877	4	0.	111.	9.60
113	04:09:45.301	1	0.	49.	2.44
114	04:09:45.285	4	0.	102.	9.43
115	04:10:10.709	1	0.	46.	2.32
116	04:10:10.693	4	0.	112.	9.71
117	04:10:36.117	1	0.	41.	2.33
118	04:10:36.133	4	0.	127.	9.64
119	04:11:01.589	1	0.	49.	2.31
120	04:11:01.573	4	0.	123.	9.58
121	04:11:26.997	1	0.	48.	2.23
122	04:11:26.981	4	0.	108.	9.90
123	04:11:52.405	1	0.	34.	2.30
124	04:11:52.389	4	0.	104.	9.36
125	04:12:17.813	1	0.	47.	2.27
126	04:12:17.797	4	0.	109.	9.63
127	04:12:43.221	1	0.	35.	2.21
128	04:12:43.205	4	0.	111.	9.36
129	04:13:08.630	1	0.	33.	2.14
130	04:13:08.614	4	0.	103.	9.37
131	04:13:34.038	1	0.	22.	1.98
132	04:13:34.022	4	0.	100.	9.22

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#	Start Time	Det	Min	Max	Mean
133	04:13:59.446	1	0.	21.	2.19
134	04:13:59.430	4	0.	100.	9.16
135	04:14:24.854	1	0.	23.	2.09
136	04:14:24.838	4	0.	93.	8.87
137	04:14:50.262	1	0.	24.	2.15
138	04:14:50.246	4	0.	88.	9.17
139	04:15:15.670	1	0.	21.	2.08
140	04:15:15.686	4	0.	95.	9.11
141	04:15:41.142	1	0.	17.	1.99
142	04:15:41.126	4	0.	98.	9.23
143	04:16:06.582	1	0.	18.	2.00
144	04:16:06.566	4	0.	99.	9.32
145	04:16:32.022	1	0.	18.	2.08
146	04:16:32.006	4	0.	99.	8.91
147	04:16:57.430	1	0.	27.	2.02
148	04:16:57.414	4	0.	107.	8.78
149	04:17:22.838	1	0.	18.	2.21
150	04:17:22.822	4	0.	97.	8.73
151	04:17:48.246	1	0.	13.	2.03
152	04:17:48.230	4	0.	107.	8.85
153	04:18:13.654	1	0.	16.	1.94
154	04:18:13.638	4	0.	89.	9.18
155	04:18:39.062	1	0.	14.	1.89
156	04:18:39.046	4	0.	97.	8.94
157	04:19:04.470	1	0.	23.	2.09
158	04:19:04.454	4	0.	116.	8.92
159	04:19:29.878	1	0.	18.	2.07
160	04:19:29.894	4	0.	102.	8.88
161	04:19:55.350	1	0.	17.	2.17
162	04:19:55.334	4	0.	99.	8.82
163	04:20:20.758	1	0.	18.	2.02
164	04:20:20.742	4	0.	94.	8.53
165	04:20:46.166	1	0.	18.	2.06
166	04:20:46.150	4	0.	93.	8.91
167	04:21:11.574	1	0.	20.	2.02
168	04:21:11.558	4	0.	84.	8.34
169	04:21:36.982	1	0.	15.	1.96
170	04:21:36.966	4	0.	85.	8.60
171	04:22:02.390	1	0.	19.	2.07
172	04:22:02.406	4	0.	94.	8.70
173	04:22:27.862	1	0.	15.	2.05
174	04:22:27.846	4	0.	85.	8.40
175	04:22:53.270	1	0.	16.	1.92
176	04:22:53.286	4	0.	101.	8.51

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#	Start Time	Det	Min	Max	Mean
177	04:23:18.742	1	0.	21.	1.90
178	04:23:18.726	4	0.	87.	8.65
179	04:23:44.150	1	0.	22.	2.24
180	04:23:44.134	4	0.	85.	8.52
181	04:24:09.558	1	0.	15.	1.92
182	04:24:09.574	4	0.	89.	8.47
183	04:24:35.030	1	0.	21.	2.10
184	04:24:35.014	4	0.	87.	8.38
185	04:25:00.438	1	0.	16.	2.02
186	04:25:00.422	4	0.	97.	8.48
187	04:25:25.846	1	0.	21.	1.88
188	04:25:25.830	4	0.	99.	8.42
189	04:25:51.254	1	0.	16.	2.06
190	04:25:51.238	4	0.	86.	8.58
191	04:26:16.662	1	0.	20.	2.22
192	04:26:16.646	4	0.	82.	8.31
193	04:26:42.070	1	0.	20.	2.22
194	04:26:42.054	4	0.	91.	8.46
195	04:27:07.478	1	0.	20.	2.19
196	04:27:07.462	4	0.	100.	8.36
197	04:27:32.886	1	0.	19.	2.25
198	04:27:32.870	4	0.	104.	8.59
199	04:27:58.294	1	0.	25.	2.23
200	04:27:58.310	4	0.	81.	8.31
201	04:28:23.766	1	0.	18.	2.13
202	04:28:23.750	4	0.	80.	8.54
203	04:28:49.174	1	0.	17.	2.19
204	04:28:49.158	4	0.	98.	8.75
205	04:29:14.582	1	0.	21.	2.26
206	04:29:14.598	4	0.	99.	8.45
207	04:29:40.054	1	0.	16.	2.21
208	04:29:40.038	4	0.	92.	8.77
209	04:30:05.494	1	0.	18.	2.39
210	04:30:05.478	4	0.	87.	8.31
211	04:30:30.934	1	0.	24.	2.40
212	04:30:30.918	4	0.	91.	8.40
213	04:30:56.342	1	0.	23.	2.34
214	04:30:56.358	4	0.	96.	8.17
215	04:31:21.814	1	0.	22.	2.44
216	04:31:21.798	4	0.	81.	8.52
217	04:31:47.222	1	0.	18.	2.33
218	04:31:47.206	4	0.	91.	8.40
219	04:32:12.630	1	0.	21.	2.45
220	04:32:12.646	4	0.	89.	8.48

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#	Start Time	Det	Min	Max	Mean
221	04:32:38.102	1	0.	22.	2.65
222	04:32:38.086	4	0.	97.	8.60
223	04:33:03.510	1	0.	28.	2.64
224	04:33:03.494	4	0.	94.	8.39
225	04:33:28.918	1	0.	39.	2.82
226	04:33:28.934	4	0.	98.	8.78
227	04:33:54.390	1	0.	28.	2.97
228	04:33:54.374	4	0.	119.	8.57
229	04:34:19.798	1	0.	33.	2.89
230	04:34:19.782	4	0.	108.	9.01
231	04:34:45.206	1	0.	42.	3.16
232	04:34:45.190	4	0.	121.	9.20
233	04:35:10.614	1	0.	58.	3.50
234	04:35:10.598	4	0.	132.	9.45
235	04:35:36.022	1	0.	53.	3.77
236	04:35:36.038	4	0.	155.	10.29
237	04:36:01.494	1	0.	96.	4.15
238	04:36:01.478	4	0.	237.	11.48
239	04:36:26.902	1	0.	114.	4.61
240	04:36:26.886	4	0.	259.	11.90
241	04:36:52.310	1	0.	169.	5.80
242	04:36:52.326	4	0.	332.	13.00
243	04:37:17.782	1	0.	224.	6.87
244	04:37:17.766	4	0.	439.	14.82
245	04:37:43.222	1	0.	328.	8.55
246	04:37:43.238	4	0.	499.	15.88
247	04:38:08.694	1	0.	391.	8.40
248	04:38:08.678	4	0.	313.	12.49
249	04:38:34.134	1	0.	26.	0.84
250	04:38:34.150	4	0.	11.	0.26
251	04:38:59.606	1	0.	2.	0.15
252	04:38:59.590	4	0.	3.	0.13
253	04:39:25.046	1	0.	2.	0.02
254	04:39:25.062	4	0.	2.	0.02
255	04:39:50.518	1	0.	1.	0.02
256	04:39:50.502	4	0.	1.	0.02
257	04:40:15.958	1	0.	5.	0.02
258	04:40:15.974	4	0.	1.	0.02
259	04:40:41.430	1	0.	2.	0.02
260	04:40:41.414	4	0.	2.	0.02
261	04:41:06.870	1	0.	2.	0.02
262	04:41:06.886	4	0.	1.	0.02
263	04:41:32.342	1	0.	1.	0.01
264	04:41:32.326	4	0.	1.	0.02

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#	Start Time	Det	Min	Max	Mean
265	04:41:57.782	1	0.	4.	0.02
266	04:41:57.798	4	0.	1.	0.02
267	04:42:23.255	1	0.	1.	0.01
268	04:42:23.239	4	0.	1.	0.01
269	04:42:48.695	1	0.	2.	0.01
Det	Min	Max			
1	0.	391.			
4	0.	499.			