

Ultraviolet Spectrometer / Polarimeter Experiment 13312

Start time Oct 11 1980 04:29:49 DOY 285
End time Oct 11 1980 05:22:09 DOY 285

Start major 168494 Minor 13
End major 168877 Minor 56

Experiment type (1) **SPECTROHELIOGRAM**

Intvl 1 Det(s): 1 WL 1393.5 to 1393.5
4 WL 1408.3 to 1408.3

Slit 4 (M) Reformatter version 15

Wavelength: Step # 111537 to # 111537

	NW 0	DW 0	GBL WO=0
Polarimeter:	NP 0	DP 0	OUT
Raster:	NX 15	DX 4	X-center 28
	NY 15	DY 4	Y-center 67
	NR 600	-X-Y-P-W-	Gate 0.063

DMA information:

threshold 5
max value 118 at (4, 67) WLD = 111537
min value 0 at (48, 39)
blue max: vel = 60 int = 3 at (40, 47)
red max : vel = 20 int = 2 at (24, 91)
current flarX = 12 flarY = 208

Pointing information :

NOAA active region : 2725
Helio. Latitude and Longitude : -9.3(S), -25.5(E)
B0: 6.1 degrees P: 26.3 degrees

Spacecraft roll : 0.0 degrees
Spacecraft Pitch 214.2 Yaw 542.4 arcsec
Pitch and Yaw corresponding to UVSP X-cen Y-cen :
Pitch 246.2 arcsec
Yaw 408.4 arcsec

X boresight : 60.0
Y boresight : 201.0

Theta : 121.0 deg.
R : 476.9 arcsec
Rsun : 961.4 arcsec
R/Rsun : 0.496

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#	Start Time	Det	Min	Max	Mean
1	04:29:49.676	1	0.	106.	12.91
2	04:29:49.660	4	0.	12.	2.08
3	04:30:07.660	1	0.	104.	12.64
4	04:30:07.644	4	0.	12.	2.19
5	04:30:25.772	1	0.	107.	12.58
6	04:30:25.756	4	0.	12.	2.09
7	04:30:43.884	1	0.	106.	13.36
8	04:30:43.868	4	0.	12.	2.04
9	04:31:01.996	1	0.	113.	12.60
10	04:31:01.980	4	0.	9.	2.15
11	04:31:20.108	1	0.	118.	12.42
12	04:31:20.092	4	0.	10.	2.10
13	04:31:38.220	1	0.	106.	12.66
14	04:31:38.204	4	0.	11.	2.01
15	04:31:56.332	1	0.	110.	12.88
16	04:31:56.316	4	0.	10.	2.08
17	04:32:14.444	1	0.	100.	12.33
18	04:32:14.428	4	0.	9.	1.90
19	04:32:32.556	1	0.	102.	11.99
20	04:32:32.540	4	0.	11.	2.14
21	04:32:50.668	1	0.	89.	12.29
22	04:32:50.652	4	0.	11.	2.06
23	04:33:08.780	1	0.	98.	12.28
24	04:33:08.764	4	0.	9.	2.04
25	04:33:26.892	1	0.	96.	12.29
26	04:33:26.876	4	0.	9.	1.95
27	04:33:45.004	1	0.	93.	12.50
28	04:33:44.988	4	0.	11.	2.01
29	04:34:03.116	1	0.	96.	12.24
30	04:34:03.100	4	0.	11.	1.91
31	04:34:21.228	1	0.	92.	12.12
32	04:34:21.212	4	0.	8.	2.03
33	04:34:39.340	1	0.	90.	11.74
34	04:34:39.324	4	0.	11.	1.97
35	04:34:57.452	1	0.	101.	11.71
36	04:34:57.436	4	0.	10.	1.94
37	04:35:15.564	1	0.	97.	12.79
38	04:35:15.548	4	0.	12.	2.16
39	04:35:33.676	1	0.	105.	11.67
40	04:35:33.660	4	0.	11.	2.08
41	04:35:51.788	1	0.	74.	11.35
42	04:35:51.772	4	0.	9.	1.94
43	04:36:09.900	1	0.	96.	10.97
44	04:36:09.884	4	0.	10.	1.92

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#	Start Time	Det	Min	Max	Mean
45	04:36:28.012	1	0.	86.	11.56
46	04:36:27.996	4	0.	11.	1.98
47	04:36:46.124	1	0.	96.	11.67
48	04:36:46.108	4	0.	11.	1.95
49	04:37:04.236	1	0.	79.	11.63
50	04:37:04.220	4	0.	9.	1.91
51	04:37:22.348	1	0.	101.	11.20
52	04:37:22.332	4	0.	9.	2.00
53	04:37:40.460	1	0.	80.	11.63
54	04:37:40.444	4	0.	9.	2.08
55	04:37:58.572	1	0.	75.	11.21
56	04:37:58.556	4	0.	9.	1.96
57	04:38:16.684	1	0.	82.	11.39
58	04:38:16.668	4	0.	11.	1.98
59	04:38:34.796	1	0.	94.	11.25
60	04:38:34.780	4	0.	8.	1.84
61	04:38:52.908	1	0.	84.	11.28
62	04:38:52.892	4	0.	10.	1.84
63	04:39:11.020	1	0.	109.	10.98
64	04:39:11.004	4	0.	9.	1.86
65	04:39:29.132	1	0.	63.	10.79
66	04:39:29.116	4	0.	8.	1.96
67	04:39:47.244	1	0.	71.	11.02
68	04:39:47.228	4	0.	11.	1.97
69	04:40:05.356	1	0.	68.	10.95
70	04:40:05.340	4	0.	10.	1.73
71	04:40:23.468	1	0.	62.	10.52
72	04:40:23.452	4	0.	9.	1.88
73	04:40:41.580	1	0.	68.	10.25
74	04:40:41.564	4	0.	10.	1.99
75	04:40:59.692	1	0.	62.	10.45
76	04:40:59.676	4	0.	8.	1.90
77	04:41:17.804	1	0.	80.	10.50
78	04:41:17.788	4	0.	10.	2.04
79	04:41:35.916	1	0.	78.	10.41
80	04:41:35.900	4	0.	8.	1.80
81	04:41:54.028	1	0.	65.	10.37
82	04:41:54.012	4	0.	8.	1.83
83	04:42:12.140	1	0.	71.	10.13
84	04:42:12.124	4	0.	10.	1.87
85	04:42:30.252	1	0.	56.	10.51
86	04:42:30.236	4	0.	8.	1.68
87	04:42:48.364	1	0.	57.	10.52
88	04:42:48.348	4	0.	8.	1.92

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#	Start Time	Det	Min	Max	Mean
89	04:43:06.476	1	0.	68.	10.24
90	04:43:06.460	4	0.	8.	1.93
91	04:43:24.588	1	0.	62.	10.11
92	04:43:24.572	4	0.	9.	1.67
93	04:43:42.700	1	0.	64.	10.63
94	04:43:42.684	4	0.	8.	1.86
95	04:44:00.812	1	0.	62.	10.05
96	04:44:00.796	4	0.	9.	1.84
97	04:44:18.924	1	0.	58.	10.12
98	04:44:18.908	4	0.	10.	1.94
99	04:44:37.036	1	0.	61.	10.10
100	04:44:37.020	4	0.	13.	1.82
101	04:44:55.148	1	0.	54.	10.04
102	04:44:55.132	4	0.	10.	1.75
103	04:45:13.260	1	0.	55.	9.76
104	04:45:13.244	4	0.	9.	1.84
105	04:45:31.372	1	0.	64.	10.14
106	04:45:31.356	4	0.	8.	1.83
107	04:45:49.484	1	0.	52.	9.58
108	04:45:49.468	4	0.	10.	1.76
109	04:46:07.596	1	0.	60.	9.92
110	04:46:07.580	4	0.	9.	1.76
111	04:46:25.708	1	0.	55.	9.85
112	04:46:25.692	4	0.	7.	1.74
113	04:46:43.820	1	0.	65.	10.10
114	04:46:43.804	4	0.	9.	1.90
115	04:47:01.932	1	0.	52.	9.74
116	04:47:01.916	4	0.	9.	1.84
117	04:47:20.044	1	0.	51.	9.25
118	04:47:20.028	4	0.	8.	1.81
119	04:47:38.156	1	0.	47.	9.32
120	04:47:38.140	4	0.	10.	1.76
121	04:47:56.268	1	0.	59.	9.21
122	04:47:56.252	4	0.	13.	1.83
123	04:48:14.380	1	0.	59.	9.67
124	04:48:14.364	4	0.	16.	2.08
125	04:48:32.492	1	0.	40.	9.39
126	04:48:32.476	4	0.	14.	1.89
127	04:48:50.604	1	0.	55.	8.97
128	04:48:50.588	4	0.	9.	1.79
129	04:49:08.716	1	0.	47.	9.51
130	04:49:08.700	4	0.	9.	1.86
131	04:49:26.828	1	0.	54.	9.99
132	04:49:26.812	4	0.	9.	2.03

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#	Start Time	Det	Min	Max	Mean
133	04:49:44.940	1	0.	45.	9.21
134	04:49:44.924	4	0.	9.	1.85
135	04:50:03.052	1	0.	42.	9.30
136	04:50:03.036	4	0.	12.	2.06
137	04:50:21.164	1	0.	45.	9.18
138	04:50:21.148	4	0.	11.	2.05
139	04:50:39.276	1	0.	44.	8.97
140	04:50:39.260	4	0.	10.	1.88
141	04:50:57.388	1	0.	47.	9.50
142	04:50:57.372	4	0.	14.	1.96
143	04:51:15.500	1	0.	50.	9.23
144	04:51:15.484	4	0.	10.	1.93
145	04:51:33.612	1	0.	49.	8.79
146	04:51:33.596	4	0.	15.	2.14
147	04:51:51.725	1	0.	43.	8.95
148	04:51:51.709	4	0.	13.	2.04
149	04:52:09.837	1	0.	39.	8.95
150	04:52:09.821	4	0.	14.	2.10
151	04:52:27.949	1	0.	35.	8.37
152	04:52:27.933	4	0.	16.	2.25
153	04:52:46.061	1	0.	37.	9.04
154	04:52:46.045	4	0.	13.	2.03
155	04:53:04.173	1	0.	50.	8.48
156	04:53:04.157	4	0.	16.	1.87
157	04:53:22.285	1	0.	42.	8.70
158	04:53:22.269	4	0.	11.	1.98
159	04:53:40.397	1	0.	37.	8.60
160	04:53:40.381	4	0.	9.	1.91
161	04:53:58.509	1	0.	35.	8.76
162	04:53:58.493	4	0.	8.	1.96
163	04:54:16.621	1	0.	38.	8.29
164	04:54:16.605	4	0.	14.	1.85
165	04:54:34.733	1	0.	56.	8.44
166	04:54:34.717	4	0.	11.	1.80
167	04:54:52.845	1	0.	37.	7.98
168	04:54:52.829	4	0.	12.	1.91
169	04:55:10.957	1	0.	41.	8.13
170	04:55:10.941	4	0.	10.	1.78
171	04:55:29.069	1	0.	35.	8.36
172	04:55:29.053	4	0.	13.	2.00
173	04:55:47.181	1	0.	31.	8.39
174	04:55:47.165	4	0.	12.	1.70
175	04:56:05.293	1	0.	36.	8.44
176	04:56:05.277	4	0.	15.	1.95

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#	Start Time	Det	Min	Max	Mean
177	04:56:23.405	1	0.	37.	8.47
178	04:56:23.389	4	0.	11.	2.00
179	04:56:41.517	1	0.	35.	8.28
180	04:56:41.501	4	0.	10.	1.90
181	04:56:59.629	1	0.	35.	8.12
182	04:56:59.613	4	0.	13.	1.89
183	04:57:17.741	1	0.	40.	8.12
184	04:57:17.725	4	0.	10.	1.76
185	04:57:35.853	1	0.	39.	8.20
186	04:57:35.837	4	0.	8.	1.82
187	04:57:53.965	1	0.	40.	8.02
188	04:57:53.949	4	0.	11.	1.75
189	04:58:12.077	1	0.	40.	8.03
190	04:58:12.061	4	0.	10.	1.71
191	04:58:30.189	1	0.	36.	8.07
192	04:58:30.173	4	0.	9.	1.67
193	04:58:48.301	1	0.	38.	7.89
194	04:58:48.285	4	0.	11.	2.02
195	04:59:06.413	1	0.	35.	7.76
196	04:59:06.397	4	0.	11.	1.77
197	04:59:24.525	1	0.	37.	8.10
198	04:59:24.509	4	0.	9.	1.81
199	04:59:42.637	1	0.	35.	8.08
200	04:59:42.621	4	0.	9.	1.77
201	05:00:00.749	1	0.	35.	7.78
202	05:00:00.733	4	0.	12.	1.73
203	05:00:18.861	1	0.	39.	8.01
204	05:00:18.845	4	0.	10.	1.74
205	05:00:36.973	1	0.	39.	8.26
206	05:00:36.957	4	0.	13.	1.76
207	05:00:55.085	1	0.	35.	8.03
208	05:00:55.069	4	0.	11.	1.76
209	05:01:13.197	1	0.	36.	8.01
210	05:01:13.181	4	0.	9.	1.89
211	05:01:31.309	1	0.	40.	7.99
212	05:01:31.293	4	0.	9.	1.96
213	05:01:49.421	1	0.	32.	7.98
214	05:01:49.405	4	0.	11.	1.84
215	05:02:07.533	1	0.	35.	7.44
216	05:02:07.517	4	0.	12.	1.92
217	05:02:25.645	1	0.	39.	7.96
218	05:02:25.629	4	0.	11.	1.61
219	05:02:43.757	1	0.	32.	8.16
220	05:02:43.741	4	0.	14.	1.85

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#	Start Time	Det	Min	Max	Mean
221	05:03:01.869	1	0.	32.	7.49
222	05:03:01.853	4	0.	11.	1.78
223	05:03:19.981	1	0.	32.	7.59
224	05:03:19.965	4	0.	11.	1.57
225	05:03:38.093	1	0.	32.	7.68
226	05:03:38.077	4	0.	10.	1.72
227	05:03:56.205	1	0.	33.	7.44
228	05:03:56.189	4	0.	10.	1.81
229	05:04:14.317	1	0.	33.	7.25
230	05:04:14.301	4	0.	11.	1.71
231	05:04:32.429	1	0.	26.	7.60
232	05:04:32.413	4	0.	11.	1.80
233	05:04:50.541	1	0.	28.	7.24
234	05:04:50.525	4	0.	8.	1.62
235	05:05:08.653	1	0.	26.	7.64
236	05:05:08.637	4	0.	8.	1.72
237	05:05:26.765	1	0.	40.	7.36
238	05:05:26.749	4	0.	10.	1.83
239	05:05:44.877	1	0.	36.	7.41
240	05:05:44.861	4	0.	12.	1.62
241	05:06:02.989	1	0.	35.	7.86
242	05:06:02.973	4	0.	10.	1.64
243	05:06:21.101	1	0.	36.	7.55
244	05:06:21.085	4	0.	9.	1.67
245	05:06:39.213	1	0.	38.	7.80
246	05:06:39.197	4	0.	7.	1.51
247	05:06:57.325	1	0.	54.	8.32
248	05:06:57.309	4	0.	9.	1.68
249	05:07:15.437	1	0.	66.	9.04
250	05:07:15.421	4	0.	13.	1.60
251	05:07:33.549	1	0.	77.	8.93
252	05:07:33.533	4	0.	9.	1.65
253	05:07:51.661	1	0.	57.	9.04
254	05:07:51.645	4	0.	9.	1.54
255	05:08:09.773	1	0.	62.	8.96
256	05:08:09.757	4	0.	11.	1.85
257	05:08:27.885	1	0.	63.	8.56
258	05:08:27.869	4	0.	9.	1.72
259	05:08:45.997	1	0.	63.	8.91
260	05:08:45.981	4	0.	10.	1.73
261	05:09:04.109	1	0.	59.	8.68
262	05:09:04.093	4	0.	11.	1.69
263	05:09:22.221	1	0.	56.	8.92
264	05:09:22.237	4	0.	8.	1.74

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#	Start Time	Det	Min	Max	Mean
265	05:09:40.333	1	0.	66.	8.70
266	05:09:40.349	4	0.	11.	1.56
267	05:09:58.445	1	0.	49.	8.61
268	05:09:58.461	4	0.	11.	1.61
269	05:10:16.557	1	0.	47.	9.20
270	05:10:16.573	4	0.	9.	1.66
271	05:10:34.669	1	0.	53.	8.52
272	05:10:34.685	4	0.	8.	1.63
273	05:10:52.781	1	0.	48.	8.79
274	05:10:52.797	4	0.	9.	1.65
275	05:11:10.893	1	0.	59.	8.72
276	05:11:10.909	4	0.	9.	1.60
277	05:11:29.005	1	0.	56.	8.80
278	05:11:29.021	4	0.	10.	1.73
279	05:11:47.117	1	0.	49.	8.81
280	05:11:47.133	4	0.	7.	1.53
281	05:12:05.229	1	0.	58.	8.74
282	05:12:05.245	4	0.	10.	1.68
283	05:12:23.341	1	0.	53.	8.33
284	05:12:23.357	4	0.	10.	1.81
285	05:12:41.453	1	0.	60.	8.39
286	05:12:41.469	4	0.	8.	1.67
287	05:12:59.565	1	0.	52.	8.37
288	05:12:59.581	4	0.	7.	1.76
289	05:13:17.677	1	0.	48.	8.33
290	05:13:17.693	4	0.	8.	1.69
291	05:13:35.789	1	0.	55.	8.07
292	05:13:35.805	4	0.	10.	1.60
293	05:13:53.901	1	0.	50.	8.36
294	05:13:53.917	4	0.	9.	1.52
295	05:14:12.013	1	0.	55.	8.11
296	05:14:12.029	4	0.	8.	1.63
297	05:14:30.125	1	0.	54.	8.19
298	05:14:30.141	4	0.	8.	1.56
299	05:14:48.237	1	0.	48.	8.52
300	05:14:48.253	4	0.	8.	1.51
301	05:15:06.349	1	0.	46.	8.04
302	05:15:06.365	4	0.	8.	1.56
303	05:15:24.461	1	0.	43.	8.28
304	05:15:24.477	4	0.	9.	1.75
305	05:15:42.573	1	0.	57.	8.36
306	05:15:42.589	4	0.	7.	1.64
307	05:16:00.685	1	0.	54.	8.43
308	05:16:00.701	4	0.	6.	1.53

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#	Start Time	Det	Min	Max	Mean
309	05:16:18.797	1	0.	52.	8.56
310	05:16:18.813	4	0.	9.	1.67
311	05:16:36.909	1	0.	48.	8.80
312	05:16:36.925	4	0.	9.	1.76
313	05:16:55.021	1	0.	56.	8.49
314	05:16:55.037	4	0.	9.	1.57
315	05:17:13.133	1	0.	41.	7.82
316	05:17:13.149	4	0.	7.	1.42
317	05:17:31.245	1	0.	22.	3.20
318	05:17:31.261	4	0.	4.	0.64
319	05:17:49.357	1	0.	3.	0.12
320	05:17:49.373	4	0.	1.	0.04
321	05:18:07.469	1	0.	3.	0.07
322	05:18:07.485	4	0.	1.	0.02
323	05:18:25.581	1	0.	1.	0.01
324	05:18:25.597	4	0.	1.	0.01
325	05:18:43.693	1	0.	2.	0.03
326	05:18:43.709	4	0.	4.	0.04
327	05:19:01.805	1	0.	2.	0.02
328	05:19:01.821	4	0.	1.	0.01
329	05:19:19.917	1	0.	2.	0.04
330	05:19:19.933	4	0.	1.	0.01
331	05:19:38.029	1	0.	1.	0.01
332	05:19:38.045	4	0.	1.	0.02
333	05:19:56.141	1	0.	6.	0.07
334	05:19:56.157	4	0.	1.	0.01
335	05:20:14.253	1	0.	4.	0.05
336	05:20:14.269	4	0.	2.	0.02
337	05:20:32.365	1	0.	2.	0.02
338	05:20:32.381	4	0.	1.	0.03
339	05:20:50.477	1	0.	2.	0.04
340	05:20:50.493	4	0.	1.	0.00
341	05:21:08.589	1	0.	3.	0.04
342	05:21:08.605	4	0.	1.	0.04
343	05:21:26.701	1	0.	3.	0.04
344	05:21:26.717	4	0.	1.	0.01
345	05:21:44.814	1	0.	2.	0.02
346	05:21:44.830	4	0.	1.	0.04
347	05:22:02.926	1	0.	2.	0.01
Det	Min	Max			
1	0.	118.			
4	0.	16.			