

Ultraviolet Spectrometer / Polarimeter Experiment 15508

Start time Nov 05 1980 22:37:16 DOY 310
End time Nov 05 1980 23:06:02 DOY 310

Start major 440130 Minor 78
End major 440341 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 # 119093 to # 119093

	NW 0	DW 0	GBL WO=0
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 3348 at (60,185) WLD = 119093
min value 0 at (170,165)
blue max: vel = 60 int = 3 at (0,195)
red max : vel = 39 int = 28 at (140,165)
current flarX = 76 flarY = 186

Pointing information :

NOAA active region : 2776
Helio. Latitude and Longitude : 11.4(N), -6.2(E)
B0: 3.8 degrees P: 23.6 degrees

Spacecraft roll : 0.0 degrees
Spacecraft Pitch -104.0 Yaw 133.8 arcsec
Pitch and Yaw corresponding to UVSP X-cen Y-cen :
Pitch -129.0 arcsec
Yaw 102.8 arcsec

X boresight : 60.0
Y boresight : 201.0

Theta : 39.0 deg.
R : 165.0 arcsec
Rsun : 968.2 arcsec
R/Rsun : 0.170

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#	Start Time	Det	Min	Max	Mean
1	22:37:17.175	1	0.	3348.	87.16
2	22:37:17.191	4	7.	1658.	84.25
3	22:37:42.487	1	1.	3173.	89.63
4	22:37:42.471	4	7.	1714.	83.09
5	22:38:07.895	1	1.	3182.	93.35
6	22:38:07.879	4	8.	1561.	81.33
7	22:38:33.303	1	0.	3154.	95.30
8	22:38:33.287	4	6.	1528.	80.80
9	22:38:58.711	1	0.	3324.	97.81
10	22:38:58.695	4	4.	1403.	76.89
11	22:39:24.119	1	0.	3333.	100.10
12	22:39:24.103	4	7.	1380.	75.78
13	22:39:49.527	1	0.	3187.	100.37
14	22:39:49.511	4	8.	1575.	76.33
15	22:40:14.935	1	0.	3286.	101.71
16	22:40:14.919	4	7.	1997.	77.27
17	22:40:40.343	1	1.	2995.	99.78
18	22:40:40.327	4	8.	2691.	79.23
19	22:41:05.751	1	0.	2877.	97.87
20	22:41:05.767	4	8.	3083.	80.75
21	22:41:31.223	1	0.	2734.	94.38
22	22:41:31.207	4	5.	2162.	77.04
23	22:41:56.631	1	0.	2571.	88.26
24	22:41:56.615	4	6.	1444.	71.54
25	22:42:22.039	1	2.	2268.	82.94
26	22:42:22.055	4	7.	1123.	67.32
27	22:42:47.511	1	0.	1872.	76.28
28	22:42:47.495	4	5.	1078.	67.50
29	22:43:12.919	1	0.	1580.	69.19
30	22:43:12.903	4	5.	1018.	66.15
31	22:43:38.327	1	0.	1379.	63.56
32	22:43:38.311	4	4.	1146.	65.35
33	22:44:03.735	1	0.	1151.	57.32
34	22:44:03.719	4	2.	1095.	64.12
35	22:44:29.143	1	0.	1036.	52.79
36	22:44:29.159	4	7.	978.	62.90
37	22:44:54.615	1	0.	857.	49.91
38	22:44:54.599	4	8.	978.	62.26
39	22:45:20.023	1	0.	799.	45.90
40	22:45:20.039	4	5.	836.	60.15
41	22:45:45.495	1	0.	814.	43.28
42	22:45:45.479	4	6.	809.	60.28
43	22:46:10.903	1	0.	749.	40.69
44	22:46:10.919	4	7.	774.	59.55

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45	22:46:36.375	1	0.	689.	37.73
46	22:46:36.359	4	6.	704.	56.36
47	22:47:01.783	1	0.	712.	36.24
48	22:47:01.767	4	6.	643.	55.91
49	22:47:27.191	1	0.	628.	34.33
50	22:47:27.207	4	7.	572.	54.85
51	22:47:52.663	1	0.	636.	32.31
52	22:47:52.647	4	6.	526.	53.58
53	22:48:18.071	1	0.	582.	30.41
54	22:48:18.055	4	5.	487.	52.77
55	22:48:43.479	1	0.	514.	28.65
56	22:48:43.495	4	9.	469.	52.45
57	22:49:08.952	1	0.	516.	27.43
58	22:49:08.936	4	4.	453.	52.67
59	22:49:34.360	1	0.	476.	26.85
60	22:49:34.344	4	5.	455.	52.47
61	22:49:59.768	1	0.	439.	25.25
62	22:49:59.752	4	4.	513.	52.77
63	22:50:25.176	1	0.	415.	24.70
64	22:50:25.160	4	7.	457.	53.69
65	22:50:50.584	1	0.	377.	23.35
66	22:50:50.600	4	7.	573.	53.65
67	22:51:16.056	1	0.	360.	21.83
68	22:51:16.040	4	8.	538.	53.06
69	22:51:41.464	1	0.	318.	21.32
70	22:51:41.448	4	6.	492.	52.91
71	22:52:06.872	1	0.	304.	20.53
72	22:52:06.856	4	7.	490.	53.24
73	22:52:32.312	1	0.	281.	19.98
74	22:52:32.296	4	8.	496.	51.41
75	22:52:57.752	1	0.	246.	18.83
76	22:52:57.736	4	5.	451.	50.70
77	22:53:23.160	1	0.	223.	18.00
78	22:53:23.144	4	8.	422.	50.10
79	22:53:48.568	1	0.	214.	17.23
80	22:53:48.552	4	8.	457.	50.12
81	22:54:13.976	1	0.	187.	16.26
82	22:54:13.992	4	7.	370.	48.92
83	22:54:39.448	1	0.	169.	16.33
84	22:54:39.432	4	7.	341.	50.46
85	22:55:04.856	1	0.	161.	15.72
86	22:55:04.840	4	7.	348.	49.38
87	22:55:30.264	1	0.	150.	15.44
88	22:55:30.248	4	7.	329.	49.39

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89	22:55:55.672	1	0.	137.	15.13
90	22:55:55.656	4	7.	360.	49.43
91	22:56:21.080	1	0.	134.	15.38
92	22:56:21.064	4	7.	345.	49.32
93	22:56:46.520	1	0.	124.	15.03
94	22:56:46.504	4	5.	384.	49.45
95	22:57:11.960	1	0.	138.	14.80
96	22:57:11.944	4	8.	415.	50.22
97	22:57:37.368	1	0.	129.	15.27
98	22:57:37.352	4	6.	406.	49.43
99	22:58:02.808	1	0.	121.	14.74
100	22:58:02.792	4	8.	484.	50.16
101	22:58:28.248	1	0.	118.	14.85
102	22:58:28.232	4	5.	425.	49.85
103	22:58:53.656	1	0.	119.	15.24
104	22:58:53.640	4	6.	370.	51.64
105	22:59:19.064	1	0.	124.	15.39
106	22:59:19.048	4	7.	372.	51.72
107	22:59:44.472	1	0.	113.	15.15
108	22:59:44.456	4	3.	401.	51.44
109	23:00:09.880	1	0.	110.	14.74
110	23:00:09.896	4	7.	443.	50.54
111	23:00:35.352	1	0.	115.	14.83
112	23:00:35.336	4	6.	399.	51.93
113	23:01:00.760	1	0.	109.	14.89
114	23:01:00.744	4	7.	460.	53.01
115	23:01:26.168	1	0.	104.	14.19
116	23:01:26.152	4	8.	384.	52.85
117	23:01:51.608	1	0.	104.	14.34
118	23:01:51.592	4	8.	386.	50.42
119	23:02:17.048	1	0.	103.	14.20
120	23:02:17.032	4	8.	547.	51.58
121	23:02:42.456	1	0.	110.	14.14
122	23:02:42.472	4	6.	662.	50.94
123	23:03:07.928	1	0.	99.	13.51
124	23:03:07.912	4	5.	526.	48.20
125	23:03:33.336	1	0.	23.	4.39
126	23:03:33.320	4	0.	52.	10.44
127	23:03:58.744	1	0.	8.	1.25
128	23:03:58.728	4	0.	5.	0.85
129	23:04:24.152	1	0.	2.	0.03
130	23:04:24.136	4	0.	2.	0.04
131	23:04:49.560	1	0.	4.	0.02
132	23:04:49.544	4	0.	2.	0.05

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#	Start Time	Det	Min	Max	Mean
133	23:05:14.968	1	0.	4.	0.05
134	23:05:14.984	4	0.	2.	0.02
135	23:05:40.440	1	0.	2.	0.02
Det	Min	Max			
1	0.	3348.			
4	0.	3083			