

Ultraviolet Spectrometer / Polarimeter Experiment 13045

Start time Oct 07 1980 15:59:06 DOY 281

End time Oct 07 1980 16:15:59 DOY 281

Start major 131355 Minor 11

End major 131478 Minor 91

Experiment type (2) **DOPPLERGRAM**

Intvl 1 Det(s): 3 WL 1547.7 to 1547.7
4 WL 1547.7 to 1547.7

Slit 4 (M) Reformatter version 15

Calibrate on Y-LOOP every 2-th time
by 20 WLD steps

Wavelength: Step # 84645 to # 84645

	NW 0	DW 0	GBL WO=20
Polarimeter:	NP 0	DP 0	OUT
Raster:	NX 12	DX 9	X-center 202
	NY 12	DY 9	Y-center 160
	NR 40	-X-Y-P-W-	Gate 0.063

DMA information:

threshold 5
max value 172 at (153,192) WLD = 84645
min value 0 at (234,147)
blue max: vel = 60 int = 3 at (171,138)
red max: vel = 39 int = 38 at (162,165)
current flarX = 108 flarY = 240

Pointing information :

NOAA active region : 2717
Helio. Latitude and Longitude : 23.0(N), -52.2(E)
B0: 6.3 degrees P: 26.3 degrees

Spacecraft roll : 0.0 degrees
Spacecraft Pitch -170.4 Yaw 739.6 arcsec
Pitch and Yaw corresponding to UVSP X-cen Y-cen :
Pitch -312.4 arcsec
Yaw 698.6 arcsec

X boresight : 60.0
Y boresight : 201.0

Theta : 66.0 deg.
R : 765.3 arcsec
Rsun : 960.4 arcsec
R/Rsun : 0.797

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#	Start Time	Det	Min	Max	Mean
1	15:59:06.692	3	0.	169.	30.60
2	15:59:06.708	4	1.	183.	23.89
3	15:59:19.364	3	1.	54.	14.31
4	15:59:19.348	4	1.	347.	54.27
5	15:59:31.908	3	2.	171.	31.01
6	15:59:31.892	4	0.	181.	23.97
7	15:59:44.548	3	0.	72.	13.54
8	15:59:44.532	4	2.	363.	53.24
9	15:59:57.060	3	4.	153.	32.49
10	15:59:57.076	4	0.	179.	24.15
11	16:00:09.732	3	0.	63.	13.55
12	16:00:09.716	4	2.	315.	54.31
13	16:00:22.276	3	2.	165.	31.21
14	16:00:22.260	4	1.	175.	24.63
15	16:00:34.916	3	0.	64.	12.86
16	16:00:34.900	4	4.	357.	54.89
17	16:00:47.428	3	2.	155.	30.85
18	16:00:47.444	4	1.	161.	25.33
19	16:01:00.100	3	1.	58.	13.03
20	16:01:00.084	4	1.	349.	54.03
21	16:01:12.644	3	3.	135.	29.96
22	16:01:12.628	4	1.	158.	24.84
23	16:01:25.284	3	0.	75.	13.22
24	16:01:25.268	4	3.	298.	52.92
25	16:01:37.828	3	1.	156.	29.87
26	16:01:37.812	4	1.	165.	25.51
27	16:01:50.468	3	0.	52.	12.29
28	16:01:50.452	4	3.	326.	54.97
29	16:02:03.012	3	2.	148.	29.84
30	16:02:03.028	4	2.	178.	25.91
31	16:02:15.652	3	0.	50.	12.78
32	16:02:15.668	4	4.	337.	53.33
33	16:02:28.196	3	0.	140.	28.43
34	16:02:28.212	4	0.	168.	25.65
35	16:02:40.836	3	0.	53.	11.85
36	16:02:40.852	4	4.	318.	53.60
37	16:02:53.412	3	1.	151.	28.43
38	16:02:53.396	4	1.	179.	25.86
39	16:03:06.052	3	1.	59.	12.63
40	16:03:06.036	4	4.	350.	54.61
41	16:03:18.596	3	1.	146.	28.97
42	16:03:18.580	4	1.	186.	25.79
43	16:03:31.236	3	0.	58.	12.23
44	16:03:31.220	4	3.	330.	56.02

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#	Start Time	Det	Min	Max	Mean
45	16:03:43.780	3	2.	142.	29.40
46	16:03:43.764	4	2.	185.	27.11
47	16:03:56.420	3	0.	63.	12.62
48	16:03:56.404	4	3.	334.	57.57
49	16:04:08.932	3	1.	146.	30.03
50	16:04:08.948	4	0.	222.	26.82
51	16:04:21.604	3	0.	57.	12.82
52	16:04:21.588	4	5.	363.	57.20
53	16:04:34.148	3	2.	160.	29.78
54	16:04:34.132	4	2.	170.	27.69
55	16:04:46.788	3	0.	106.	12.88
56	16:04:46.772	4	3.	354.	59.26
57	16:04:59.300	3	3.	170.	29.94
58	16:04:59.316	4	1.	201.	28.36
59	16:05:11.972	3	0.	86.	13.15
60	16:05:11.956	4	2.	383.	58.47
61	16:05:24.516	3	1.	172.	29.59
62	16:05:24.500	4	1.	182.	27.74
63	16:05:37.156	3	0.	78.	12.75
64	16:05:37.140	4	5.	349.	57.81
65	16:05:49.700	3	1.	162.	28.97
66	16:05:49.716	4	1.	185.	28.13
67	16:06:02.340	3	0.	65.	12.17
68	16:06:02.356	4	2.	361.	56.94
69	16:06:14.884	3	2.	140.	28.88
70	16:06:14.900	4	1.	203.	27.35
71	16:06:27.524	3	0.	54.	11.70
72	16:06:27.540	4	4.	381.	56.65
73	16:06:40.068	3	1.	144.	28.47
74	16:06:40.084	4	0.	159.	28.21
75	16:06:52.708	3	0.	55.	11.92
76	16:06:52.724	4	1.	358.	57.01
77	16:07:05.252	3	1.	146.	27.67
78	16:07:05.268	4	1.	179.	28.26
79	16:07:17.924	3	0.	53.	11.73
80	16:07:17.908	4	4.	371.	57.37
81	16:07:30.468	3	1.	155.	28.26
82	16:07:30.452	4	0.	192.	27.40
83	16:07:43.108	3	0.	62.	11.69
84	16:07:43.092	4	4.	367.	58.07
85	16:07:55.652	3	0.	136.	27.84
86	16:07:55.636	4	0.	176.	27.56
87	16:08:08.292	3	1.	60.	11.85
88	16:08:08.276	4	2.	367.	57.92

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#	Start Time	Det	Min	Max	Mean
89	16:08:20.804	3	0.	142.	27.92
90	16:08:20.820	4	1.	161.	27.31
91	16:08:33.476	3	0.	46.	11.08
92	16:08:33.460	4	3.	331.	56.19
93	16:08:46.020	3	1.	126.	26.72
94	16:08:46.004	4	1.	158.	26.97
95	16:08:58.660	3	0.	59.	10.72
96	16:08:58.644	4	3.	387.	57.71
97	16:09:11.172	3	1.	138.	26.23
98	16:09:11.188	4	1.	172.	27.64
99	16:09:23.844	3	0.	44.	10.47
100	16:09:23.828	4	5.	382.	56.56
101	16:09:36.388	3	2.	129.	26.03
102	16:09:36.372	4	1.	186.	28.74
103	16:09:49.028	3	0.	45.	10.53
104	16:09:49.012	4	5.	387.	57.92
105	16:10:01.572	3	0.	151.	26.65
106	16:10:01.556	4	1.	208.	30.13
107	16:10:14.212	3	0.	43.	10.24
108	16:10:14.196	4	3.	396.	58.99
109	16:10:26.724	3	1.	136.	26.90
110	16:10:26.740	4	2.	198.	30.12
111	16:10:39.396	3	0.	58.	10.56
112	16:10:39.380	4	4.	339.	59.06
113	16:10:56.900	3	2.	131.	26.40
114	16:10:56.884	4	0.	198.	29.81
115	16:11:09.540	3	0.	60.	10.77
116	16:11:09.524	4	5.	360.	59.26
117	16:11:22.052	3	0.	125.	26.92
118	16:11:22.068	4	0.	188.	29.24
119	16:11:34.724	3	0.	45.	9.88
120	16:11:34.708	4	4.	377.	59.65
121	16:11:47.268	3	0.	143.	26.73
122	16:11:47.252	4	0.	184.	29.32
123	16:11:59.908	3	0.	49.	9.53
124	16:11:59.892	4	3.	350.	59.58
125	16:12:12.420	3	1.	119.	25.38
126	16:12:12.436	4	1.	205.	30.69
127	16:12:25.092	3	0.	45.	9.80
128	16:12:25.076	4	4.	396.	60.74
129	16:12:37.636	3	1.	143.	26.32
130	16:12:37.652	4	1.	184.	29.90
131	16:12:50.276	3	0.	47.	9.76
132	16:12:50.292	4	3.	334.	59.62

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#	Start Time	Det	Min	Max	Mean
133	16:13:02.820	3	1.	144.	26.39
134	16:13:02.836	4	1.	178.	30.92
135	16:13:15.460	3	0.	41.	10.01
136	16:13:15.476	4	1.	357.	61.19
137	16:13:28.004	3	1.	128.	26.47
138	16:13:28.020	4	1.	174.	31.42
139	16:13:40.644	3	0.	47.	9.55
140	16:13:40.660	4	2.	384.	60.99
141	16:13:53.220	3	1.	128.	24.42
142	16:13:53.204	4	2.	192.	32.20
143	16:14:05.860	3	0.	43.	9.21
144	16:14:05.844	4	5.	347.	60.25
145	16:14:18.372	3	1.	127.	24.82
146	16:14:18.388	4	2.	189.	31.13
147	16:14:31.044	3	0.	44.	9.56
148	16:14:31.028	4	4.	401.	62.19
149	16:14:43.588	3	0.	126.	25.13
150	16:14:43.604	4	0.	204.	31.60
151	16:14:56.228	3	0.	40.	9.04
152	16:14:56.244	4	4.	411.	61.83
153	16:15:08.772	3	1.	122.	25.25
154	16:15:08.788	4	1.	243.	32.82
155	16:15:21.412	3	0.	40.	9.18
156	16:15:21.428	4	2.	410.	61.56
157	16:15:33.956	3	2.	138.	25.69
158	16:15:33.972	4	1.	232.	32.67
159	16:15:46.596	3	0.	51.	8.95
Det	Min	Max			
3	0.	172.			
4	0.	42.			