Ultraviolet Spectrometer / Polarimeter Experiment 04985

Start time Jun 25 1980 15:09:44 DOY 177
End time   Jun 25 1980 16:00:13 DOY 177

Start major 869159 Minor 112
End major   869529 Minor 88

Experiment type (2)   **DOPPLERGRAM**

 Intvl 1 Det(s): 3   WL 1546.8 to 1546.8
                  4   WL 1546.8 to 1546.8

Slit 4 (M)   Reformatter version 15

Calibrate on Y-LOOP every   8-th time
                                   by 10 WLD steps
Wavelength: Step # 84820 to # 84820
                NW 0   DW 0   GBL WO=30
Polarimeter: NP 0   DP 0   OUT
Raster: NX 20   DX 3   X-center 63
                NY 20   DY 3   Y-center 171
                NR 200   -X-Y-P-W-   Gate   0.063

DMA information:
        threshold   5
        max value 19098 at (74,158)   WLD = 84823
        min value   0 at (86,173)
        blue max: vel = 13   int = 113 at (47,173)
        red max :   vel = 40   int = 194 at (62,197)
        current   flarX = 132 flarY = 250

Pointing information :
  NOAA active region : 2522
  Helio. Latitude and Longitude :   -29.2(S),   26.2(W)
  B0:   2.3 degrees   P: -5.0 degrees

  Spacecraft roll :   0.0 degrees
  Spacecraft Pitch   492.7 Yaw -334.3 arcsec
  Pitch and Yaw corresponding to UVSP X-cen Y-cen :
        Pitch   489.7 arcsec
        Yaw   -364.3 arcsec

  X boresight :   60.0
  Y boresight :   201.0

  Theta   :   -143.0 deg.
  R   :   610.3 arcsec
  Rsun   :   944.0 arcsec
  R/Rsun :   0.647

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#	Start Time	Det	Min	Max	Mean
1	15:09:44.801	3	0.	660.	149.85
2	15:09:44.817	4	52.	883.	252.92
3	15:10:15.521	3	43.	673.	151.36
4	15:10:15.537	4	57.	1261.	257.71
5	15:10:46.977	3	45.	881.	140.71
6	15:10:46.961	4	53.	1326.	282.87
7	15:11:17.698	3	42.	775.	142.08
8	15:11:17.682	4	65.	1289.	293.08
9	15:11:49.090	3	44.	781.	165.65
10	15:11:49.106	4	42.	1334.	262.41
11	15:12:19.810	3	48.	815.	163.22
12	15:12:19.826	4	51.	1415.	264.80
13	15:12:51.266	3	40.	609.	145.20
14	15:12:51.250	4	43.	1284.	280.14
15	15:13:22.626	3	14.	423.	77.72
16	15:13:22.642	4	97.	2342.	418.91
17	15:13:53.890	3	36.	621.	142.65
18	15:13:53.906	4	60.	1578.	282.18
19	15:14:24.674	3	40.	533.	140.83
20	15:14:24.658	4	60.	1361.	280.75
21	15:14:55.458	3	41.	591.	139.54
22	15:14:55.442	4	66.	1158.	280.18
23	15:15:26.882	3	25.	664.	116.53
24	15:15:26.898	4	59.	1369.	319.07
25	15:15:57.634	3	28.	477.	114.77
26	15:15:57.618	4	56.	1152.	319.08
27	15:16:29.026	3	41.	485.	123.95
28	15:16:29.042	4	62.	1025.	308.49
29	15:16:59.746	3	21.	386.	120.39
30	15:16:59.762	4	55.	1219.	312.90
31	15:17:31.234	3	15.	279.	59.51
32	15:17:31.250	4	101.	1488.	434.02
33	15:18:03.106	3	36.	479.	109.74
34	15:18:03.090	4	75.	1060.	323.36
35	15:18:33.794	3	39.	656.	110.75
36	15:18:33.810	4	80.	1566.	337.92
37	15:19:04.674	3	28.	784.	112.25
38	15:19:04.690	4	83.	2334.	358.41
39	15:19:35.490	3	35.	1592.	122.54
40	15:19:35.474	4	71.	8117.	435.72
41	15:20:06.946	3	31.	2315.	124.65
42	15:20:06.930	4	96.	17761.	646.67
43	15:20:37.666	3	21.	2400.	124.69
44	15:20:37.650	4	88.	16070.	667.73

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#	Start Time	Det	Min	Max	Mean
45	15:21:09.090	3	20.	1147.	105.68
46	15:21:09.074	4	90.	10445.	631.14
47	15:21:40.450	3	8.	3041.	78.68
48	15:21:40.466	4	139.	37806.	1330.61
49	15:22:11.746	3	0.	1200.	98.72
50	15:22:11.762	4	0.	21553.	766.88
51	15:22:42.530	3	20.	979.	100.13
52	15:22:42.546	4	90.	10496.	695.78
53	15:23:13.346	3	19.	770.	95.85
54	15:23:13.330	4	111.	7729.	633.66
55	15:23:44.738	3	24.	622.	97.65
56	15:23:44.754	4	102.	6969.	585.13
57	15:24:15.458	3	23.	429.	91.56
58	15:24:15.474	4	105.	5619.	553.75
59	15:24:46.338	3	20.	450.	87.62
60	15:24:46.354	4	92.	4826.	540.91
61	15:25:17.122	3	22.	540.	88.05
62	15:25:17.138	4	93.	4095.	534.82
63	15:25:48.610	3	7.	245.	41.14
64	15:25:48.626	4	164.	4552.	670.13
65	15:26:19.938	3	21.	432.	82.28
66	15:26:19.922	4	92.	3357.	518.02
67	15:26:50.626	3	22.	447.	85.04
68	15:26:50.642	4	117.	3970.	513.04
69	15:27:22.050	3	23.	491.	92.34
70	15:27:22.034	4	114.	3129.	481.28
71	15:27:52.770	3	19.	372.	91.65
72	15:27:52.754	4	113.	3199.	477.62
73	15:28:24.194	3	20.	330.	81.23
74	15:28:24.210	4	115.	3153.	500.88
75	15:28:54.914	3	18.	414.	80.57
76	15:28:54.930	4	124.	3115.	519.69
77	15:29:26.338	3	27.	529.	93.51
78	15:29:26.322	4	115.	2949.	489.53
79	15:29:57.698	3	9.	360.	45.09
80	15:29:57.714	4	180.	3414.	632.58
81	15:30:28.962	3	24.	571.	90.75
82	15:30:28.978	4	118.	2727.	483.37
83	15:31:00.258	3	27.	549.	98.88
84	15:31:00.242	4	126.	2544.	463.47
85	15:31:30.978	3	27.	683.	102.15
86	15:31:30.962	4	115.	2474.	471.33
87	15:32:01.858	3	20.	705.	102.39
88	15:32:01.842	4	119.	2510.	477.10

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#	Start Time	Det	Min	Max	Mean
89	15:32:32.642	3	26.	940.	106.94
90	15:32:32.658	4	129.	2376.	483.41
91	15:33:04.098	3	27.	797.	97.59
92	15:33:04.114	4	145.	2471.	503.95
93	15:33:34.818	3	20.	694.	92.97
94	15:33:34.802	4	143.	2233.	511.31
95	15:34:06.306	3	6.	711.	52.61
96	15:34:06.290	4	202.	2751.	648.42
97	15:34:38.114	3	22.	745.	100.86
98	15:34:38.130	4	122.	3387.	522.64
99	15:35:08.866	3	20.	460.	90.51
100	15:35:08.850	4	139.	2085.	485.84
101	15:35:40.322	3	17.	391.	79.99
102	15:35:40.306	4	143.	2129.	515.71
103	15:36:11.042	3	16.	502.	76.04
104	15:36:11.026	4	135.	2120.	509.64
105	15:36:42.434	3	19.	581.	85.97
106	15:36:42.418	4	113.	1842.	484.48
107	15:37:13.154	3	15.	412.	78.00
108	15:37:13.138	4	132.	1639.	470.74
109	15:37:44.578	3	15.	476.	72.32
110	15:37:44.594	4	138.	1816.	491.67
111	15:38:15.970	3	4.	249.	35.84
112	15:38:15.954	4	185.	1814.	596.18
113	15:38:47.234	3	18.	537.	71.46
114	15:38:47.218	4	126.	1825.	494.66
115	15:39:18.530	3	19.	508.	76.37
116	15:39:18.514	4	115.	1591.	482.96
117	15:39:49.250	3	18.	786.	83.63
118	15:39:49.266	4	113.	1737.	493.41
119	15:40:20.706	3	18.	952.	83.01
120	15:40:20.690	4	131.	1531.	530.86
121	15:40:51.426	3	18.	2333.	105.55
122	15:40:51.410	4	138.	3422.	589.80
123	15:41:22.818	3	21.	2113.	108.61
124	15:41:22.834	4	126.	4390.	601.92
125	15:41:53.538	3	17.	2244.	109.53
126	15:41:53.554	4	126.	3580.	588.62
127	15:42:25.058	3	7.	1814.	76.33
128	15:42:25.042	4	175.	3041.	708.03
129	15:42:56.899	3	21.	2330.	141.54
130	15:42:56.883	4	113.	3935.	619.23
131	15:43:27.619	3	18.	2265.	142.58
132	15:43:27.635	4	123.	2946.	650.75

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#	Start Time	Det	Min	Max	Mean
133	15:43:59.043	3	12.	1493.	117.92
134	15:43:59.059	4	144.	2880.	644.47
135	15:44:29.763	3	18.	1384.	108.56
136	15:44:29.779	4	128.	2394.	638.55
137	15:45:01.187	3	14.	1427.	94.16
138	15:45:01.203	4	133.	2746.	639.20
139	15:45:31.907	3	16.	735.	81.81
140	15:45:31.923	4	141.	2813.	631.40
141	15:46:03.363	3	14.	663.	73.64
142	15:46:03.379	4	154.	3617.	651.54
143	15:46:34.723	3	3.	362.	41.19
144	15:46:34.739	4	195.	7314.	777.31
145	15:47:05.987	3	10.	968.	102.12
146	15:47:06.003	4	165.	7380.	758.43
147	15:47:36.771	3	14.	1757.	127.20
148	15:47:36.755	4	180.	6210.	834.45
149	15:48:07.555	3	13.	4901.	202.92
150	15:48:07.571	4	137.	13420.	1083.12
151	15:48:38.979	3	19.	14239.	513.65
152	15:48:38.995	4	164.	16916.	1692.98
153	15:49:09.699	3	22.	15131.	941.93
154	15:49:09.715	4	160.	25750.	2554.70
155	15:49:40.579	3	0.	19097.	1019.24
156	15:49:40.595	4	0.	41728.	2728.46
157	15:50:11.427	3	0.	0.	0.00
158	15:50:11.411	4	0.	0.	0.00
159	15:50:42.915	3	0.	0.	0.00
160	15:50:42.899	4	0.	0.	0.00
161	15:51:14.211	3	0.	0.	0.00
162	15:51:14.195	4	0.	0.	0.00
163	15:51:44.931	3	0.	0.	0.00
164	15:51:44.915	4	0.	0.	0.00
165	15:52:15.747	3	0.	0.	0.00
166	15:52:15.763	4	0.	0.	0.00
167	15:52:46.595	3	0.	0.	0.00
168	15:52:46.611	4	0.	0.	0.00
169	15:53:17.443	3	0.	0.	0.00
170	15:53:17.459	4	0.	0.	0.00
171	15:53:44.803	3	0.	0.	0.00
172	15:53:44.819	4	0.	0.	0.00
173	15:54:19.107	3	0.	0.	0.00
174	15:54:19.123	4	0.	0.	0.00
175	15:54:50.595	3	0.	0.	0.00
176	15:54:50.611	4	0.	0.	0.00

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#	Start Time	Det	Min	Max	Mean
177	15:55:21.859	3	0.	0.	0.00
178	15:55:21.875	4	0.	0.	0.00
179	15:55:52.579	3	0.	0.	0.00
180	15:55:52.595	4	0.	0.	0.00
181	15:56:23.427	3	0.	0.	0.00
182	15:56:23.411	4	0.	0.	0.00
183	15:56:54.243	3	0.	0.	0.00
184	15:56:54.259	4	0.	0.	0.00
185	15:57:25.091	3	0.	0.	0.00
186	15:57:25.075	4	0.	0.	0.00
187	15:57:55.907	3	0.	0.	0.00
188	15:57:55.923	4	0.	0.	0.00
189	15:58:26.755	3	0.	0.	0.00
190	15:58:26.739	4	0.	0.	0.00
191	15:58:58.243	3	0.	0.	0.00
192	15:58:58.259	4	0.	0.	0.00
193	15:59:29.507	3	0.	0.	0.00
194	15:59:29.523	4	0.	0.	0.00
195	16:00:00.227	3	0.	0.	0.00

Det	Min	Max
3	0.	19097.
4	0.	4172o