

Ultraviolet Spectrometer / Polarimeter Experiment 04964

Start time Jun 24 1980 19:59:47 DOY 176
End time Jun 24 1980 20:50:16 DOY 176

Start major 860737 Minor 47
End major 861107 Minor 24

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 # 84830 to # 84830

	NW 0	DW 0	GBL WO=30
Polarimeter:	NP 0	DP 0	OUT
Raster:	NX 20	DX 3	X-center 66
	NY 20	DY 3	Y-center 150
	NR 200	-X-Y-P-W-	Gate 0.063

DMA information:

threshold 5
max value 5500 at (74,122) WLD = 84841
min value 0 at (68,173)
blue max: vel = 40 int = 2 at (74,176)
red max : vel = 40 int = 202 at (47,155)
current flarX = 132 flarY = 154

Pointing information :

NOAA active region : 2522
Helio. Latitude and Longitude : -28.9(S), 17.1(W)
B0: 2.2 degrees P: -5.4 degrees

Spacecraft roll : 0.0 degrees
Spacecraft Pitch 493.1 Yaw -192.4 arcsec
Pitch and Yaw corresponding to UVSP X-cen Y-cen :
Pitch 487.1 arcsec
Yaw -243.4 arcsec

X boresight : 60.0
Y boresight : 201.0

Theta : -153.0 deg.
R : 544.5 arcsec
Rsun : 944.0 arcsec
R/Rsun : 0.577

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#	Start Time	Det	Min	Max	Mean
1	19:59:47.581	3	0.	1403.	148.36
2	19:59:47.597	4	30.	2370.	346.10
3	20:00:18.333	3	31.	1414.	148.19
4	20:00:18.317	4	31.	2049.	337.77
5	20:00:49.181	3	16.	1529.	154.30
6	20:00:49.165	4	37.	2096.	346.33
7	20:01:19.997	3	12.	1542.	157.18
8	20:01:20.013	4	41.	2195.	360.12
9	20:01:50.877	3	23.	1465.	160.37
10	20:01:50.893	4	33.	2395.	370.39
11	20:02:21.661	3	24.	2104.	160.29
12	20:02:21.677	4	34.	3982.	374.61
13	20:02:52.509	3	20.	2292.	159.52
14	20:02:52.493	4	35.	3487.	376.18
15	20:03:23.997	3	11.	2174.	91.15
16	20:03:23.981	4	52.	4378.	526.73
17	20:03:55.229	3	23.	1314.	162.85
18	20:03:55.245	4	43.	2601.	393.65
19	20:04:26.013	3	27.	2016.	167.08
20	20:04:25.997	4	26.	3560.	402.16
21	20:04:56.797	3	26.	1819.	162.60
22	20:04:56.813	4	40.	2818.	405.92
23	20:05:27.645	3	27.	1467.	173.26
24	20:05:27.629	4	41.	4079.	452.22
25	20:05:58.461	3	24.	1756.	178.87
26	20:05:58.477	4	53.	11664.	557.19
27	20:06:29.885	3	17.	2339.	164.45
28	20:06:29.901	4	49.	14819.	558.57
29	20:07:00.637	3	22.	2558.	158.40
30	20:07:00.621	4	49.	8466.	516.49
31	20:07:32.125	3	7.	5500.	103.98
32	20:07:32.141	4	71.	22424.	770.85
33	20:08:03.389	3	19.	2043.	167.80
34	20:08:03.373	4	38.	9304.	544.87
35	20:08:34.109	3	24.	1558.	165.47
36	20:08:34.093	4	45.	8265.	536.21
37	20:09:05.533	3	15.	1468.	142.05
38	20:09:05.517	4	43.	7822.	529.43
39	20:09:36.253	3	17.	1338.	128.78
40	20:09:36.237	4	37.	6456.	496.42
41	20:10:07.069	3	11.	1121.	125.52
42	20:10:07.085	4	36.	5360.	492.30
43	20:10:37.917	3	17.	1137.	122.68
44	20:10:37.901	4	28.	4552.	473.58

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#	Start Time	Det	Min	Max	Mean
45	20:11:09.341	3	10.	1092.	115.05
46	20:11:09.325	4	31.	3961.	494.69
47	20:11:40.701	3	4.	904.	62.33
48	20:11:40.717	4	53.	4122.	650.26
49	20:12:11.965	3	12.	973.	114.40
50	20:12:11.949	4	36.	3021.	500.69
51	20:12:42.685	3	12.	634.	104.52
52	20:12:42.669	4	47.	2338.	472.90
53	20:13:13.501	3	12.	601.	102.18
54	20:13:13.517	4	55.	2167.	467.22
55	20:13:44.381	3	12.	735.	103.83
56	20:13:44.397	4	72.	2130.	475.39
57	20:14:15.166	3	16.	1019.	106.72
58	20:14:15.182	4	61.	2758.	504.71
59	20:14:46.014	3	20.	1333.	105.63
60	20:14:45.998	4	53.	4141.	516.66
61	20:15:16.830	3	13.	889.	102.23
62	20:15:16.846	4	59.	2467.	508.50
63	20:15:48.318	3	7.	702.	51.12
64	20:15:48.334	4	68.	3237.	642.74
65	20:16:19.646	3	6.	1427.	100.49
66	20:16:19.630	4	45.	3580.	530.19
67	20:16:50.334	3	12.	2779.	122.90
68	20:16:50.350	4	56.	5967.	605.04
69	20:17:21.182	3	11.	2777.	132.94
70	20:17:21.166	4	45.	5759.	692.07
71	20:17:52.030	3	11.	5134.	177.10
72	20:17:52.014	4	56.	32967.	1113.85
73	20:18:22.910	3	18.	2129.	130.42
74	20:18:22.926	4	54.	10544.	795.03
75	20:18:53.694	3	9.	12287.	152.71
76	20:18:53.710	4	56.	6542.	685.88
77	20:19:24.542	3	6.	4250.	130.79
78	20:19:24.526	4	60.	8943.	688.75
79	20:19:56.030	3	5.	5098.	89.75
80	20:19:56.014	4	66.	12334.	825.34
81	20:20:27.294	3	10.	5158.	139.17
82	20:20:27.278	4	68.	11683.	726.30
83	20:20:58.046	3	14.	4655.	140.75
84	20:20:58.062	4	56.	10013.	733.62
85	20:21:28.830	3	10.	3285.	128.44
86	20:21:28.846	4	54.	8640.	712.60
87	20:21:59.678	3	9.	2468.	121.05
88	20:21:59.662	4	65.	6931.	692.57

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#	Start Time	Det	Min	Max	Mean
89	20:22:30.494	3	7.	2035.	101.50
90	20:22:30.510	4	69.	5492.	652.41
91	20:23:01.918	3	14.	958.	85.25
92	20:23:01.902	4	67.	3340.	578.34
93	20:23:32.638	3	8.	628.	79.42
94	20:23:32.622	4	71.	2346.	557.72
95	20:24:04.126	3	5.	374.	37.73
96	20:24:04.110	4	69.	2238.	637.86
97	20:24:35.390	3	8.	484.	72.52
98	20:24:35.374	4	50.	2122.	542.30
99	20:25:06.110	3	9.	455.	74.42
100	20:25:06.094	4	62.	2093.	551.38
101	20:25:36.990	3	9.	617.	75.69
102	20:25:36.974	4	74.	5679.	578.02
103	20:26:07.774	3	7.	507.	73.18
104	20:26:07.758	4	69.	1865.	548.40
105	20:26:38.590	3	12.	429.	71.23
106	20:26:38.606	4	74.	1816.	540.87
107	20:27:09.438	3	9.	10685.	97.20
108	20:27:09.422	4	67.	1762.	542.12
109	20:27:40.318	3	11.	549.	72.71
110	20:27:40.302	4	65.	1935.	551.99
111	20:28:11.742	3	3.	293.	37.12
112	20:28:11.758	4	83.	2309.	647.97
113	20:28:43.006	3	7.	499.	69.03
114	20:28:43.022	4	62.	1995.	565.49
115	20:29:13.726	3	6.	458.	69.73
116	20:29:13.742	4	58.	2066.	570.20
117	20:29:44.574	3	7.	369.	66.63
118	20:29:44.558	4	57.	1926.	551.42
119	20:30:15.454	3	4.	386.	64.31
120	20:30:15.438	4	68.	2202.	547.97
121	20:30:46.238	3	6.	384.	60.21
122	20:30:46.222	4	78.	1924.	535.07
123	20:31:17.054	3	7.	320.	59.26
124	20:31:17.070	4	70.	2131.	532.24
125	20:31:47.902	3	7.	508.	58.11
126	20:31:47.886	4	74.	1950.	526.03
127	20:32:19.390	3	2.	619.	34.70
128	20:32:19.374	4	89.	2101.	604.04
129	20:32:50.686	3	10.	681.	60.02
130	20:32:50.670	4	77.	2268.	540.62
131	20:33:21.406	3	8.	477.	62.06
132	20:33:21.390	4	76.	2555.	553.48

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#	Start Time	Det	Min	Max	Mean
133	20:33:52.222	3	7.	335.	56.84
134	20:33:52.238	4	83.	2291.	539.59
135	20:34:23.070	3	4.	420.	58.68
136	20:34:23.086	4	79.	1973.	547.12
137	20:34:53.982	3	6.	295.	53.57
138	20:34:53.966	4	86.	1891.	543.16
139	20:35:24.766	3	8.	383.	55.36
140	20:35:24.750	4	90.	1950.	545.04
141	20:35:55.582	3	9.	454.	55.40
142	20:35:55.598	4	81.	1970.	531.09
143	20:36:27.070	3	3.	276.	28.39
144	20:36:27.086	4	101.	1904.	596.98
145	20:36:58.334	3	9.	303.	50.70
146	20:36:58.318	4	81.	1664.	526.65
147	20:37:29.118	3	10.	560.	49.73
148	20:37:29.102	4	81.	1798.	521.29
149	20:37:59.902	3	5.	628.	49.10
150	20:37:59.886	4	67.	1734.	514.42
151	20:38:30.718	3	5.	918.	51.08
152	20:38:30.734	4	74.	2338.	519.42
153	20:39:01.566	3	7.	646.	50.72
154	20:39:01.550	4	60.	2026.	521.81
155	20:39:32.990	3	8.	401.	44.86
156	20:39:32.974	4	63.	1699.	534.56
157	20:40:03.710	3	8.	335.	46.21
158	20:40:03.694	4	78.	1787.	548.17
159	20:40:35.198	3	1.	306.	27.73
160	20:40:35.182	4	23.	1993.	607.61
161	20:41:06.462	3	8.	638.	52.88
162	20:41:06.446	4	76.	2147.	555.46
163	20:41:37.182	3	6.	532.	52.31
164	20:41:37.166	4	124.	2051.	559.74
165	20:42:08.062	3	3.	662.	49.70
166	20:42:08.078	4	105.	2554.	556.42
167	20:42:38.878	3	7.	486.	50.28
168	20:42:38.862	4	70.	1887.	544.37
169	20:43:09.726	3	5.	388.	50.21
170	20:43:09.710	4	82.	2450.	553.63
171	20:43:40.542	3	6.	574.	49.50
172	20:43:40.558	4	72.	2119.	536.49
173	20:44:11.422	3	7.	489.	51.59
174	20:44:11.438	4	75.	2238.	542.59
175	20:44:42.878	3	2.	581.	35.44
176	20:44:42.862	4	110.	5234.	650.15

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#	Start Time	Det	Min	Max	Mean
177	20:45:14.142	3	6.	734.	64.80
178	20:45:14.126	4	153.	9496.	709.03
179	20:45:44.863	3	8.	1394.	63.68
180	20:45:44.847	4	153.	5882.	677.42
181	20:46:15.679	3	6.	524.	53.99
182	20:46:15.695	4	110.	3513.	614.63
183	20:46:46.559	3	7.	316.	48.13
184	20:46:46.575	4	110.	2484.	560.38
185	20:47:17.343	3	7.	417.	47.92
186	20:47:17.359	4	100.	1775.	548.64
187	20:47:48.191	3	8.	532.	49.85
188	20:47:48.175	4	84.	1657.	549.24
189	20:48:19.007	3	0.	325.	30.87
190	20:48:19.023	4	0.	1383.	325.47
191	20:48:50.495	3	0.	3.	0.03
192	20:48:50.511	4	0.	2.	0.02
193	20:49:21.791	3	0.	2.	0.01
194	20:49:21.807	4	0.	2.	0.02
195	20:49:52.511	3	0.	2.	0.01
Det	Min	Max			
3	0.	12287.			
4	0.	3296			