

Ultraviolet Spectrometer / Polarimeter Experiment 05171

Start time Jun 29 1980 02:21:56 DOY 181
End time Jun 29 1980 03:04:14 DOY 181

Start major 905723 Minor 99
End major 906033 Minor 88

Experiment type (18) **RASTER-THRU-LINE**

Intvl 1 Det(s): 1 WL 1402.5 to 1403.0
4 WL 1401.2 to 1401.7

Slit 10 (S) Reformatter version 15

Wavelength: Step # 111420 to # 111320

	NW 4	DW 25	GBL WO=48
Polarimeter:	NP 0	DP 0	OUT
Raster:	NX 7	DX 4	X-center 119
	NY 7	DY 4	Y-center 135
	NR 120	-X-Y-W-P-	Gate 0.063

DMA information:

threshold 5
max value-12838 at (115,135) WLD = 111395
min value 0 at (131,143)
blue max: vel = 60 int = 3 at (107,123)
red max : vel = 33 int = 6 at (131,139)
current flarX = 100 flarY = 122

Pointing information :

NOAA active region : 2522
Helio. Latitude and Longitude : -25.8(S), 84.3(W)
B0: 2.7 degrees P: -3.5 degrees

Spacecraft roll : 0.0 degrees
Spacecraft Pitch 472.6 Yaw -780.0 arcsec
Pitch and Yaw corresponding to UVSP X-cen Y-cen :
Pitch 413.6 arcsec
Yaw -846.0 arcsec

X boresight : 60.0
Y boresight : 201.0

Theta : -116.0 deg.
R : 941.7 arcsec
Rsun : 943.9 arcsec
R/Rsun : 0.998

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#	Start Time	Det	Min	Max	Mean
1	02:21:56.449	1	0.	800.	99.96
2		1	1.	582.	73.39
3		1	7.	1237.	209.98
4		1	7.	1071.	192.41
5		1	8.	1139.	401.71
6	02:21:56.433	4	3.	324.	79.92
7		4	1.	191.	44.14
8		4	0.	188.	45.98
9		4	2.	92.	21.37
10		4	0.	96.	20.71
11		4	0.	61.	12.08
12		4	0.	46.	11.69
13		4	1.	149.	33.02
14		4	3.	116.	31.53
15		4	1.	293.	80.18
16		4	3.	324.	79.92
17		4	1.	191.	44.14
18		4	0.	188.	45.98
19		4	2.	92.	21.37
20		4	0.	96.	20.71
21	02:22:23.681	1	4.	590.	71.65
22		1	1.	885.	83.96
23		1	4.	1293.	195.57
24		1	8.	1105.	211.82
25		1	23.	1512.	454.29
26		1	7.	1296.	405.53
27		1	7.	1016.	212.63
28		1	7.	950.	222.10
29		1	4.	932.	127.35
30		1	3.	813.	128.57
31		1	4.	590.	71.65
32		1	1.	885.	83.96
33		1	4.	1293.	195.57
34		1	8.	1105.	211.82
35		1	23.	1512.	454.29
36		1	7.	1296.	405.53
37		1	7.	1016.	212.63
38		1	7.	950.	222.10
39		1	4.	932.	127.35
40		1	3.	813.	128.57
41		1	4.	590.	71.65
42		1	1.	885.	83.96
43		1	4.	1293.	195.57
44		1	8.	1105.	211.82
45	02:22:23.697	4	3.	393.	96.10
46		4	5.	283.	85.78
47		4	2.	186.	49.02
48		4	1.	218.	53.94
49		4	1.	136.	28.20
50		4	1.	138.	27.63
51		4	1.	58.	13.80
52		4	0.	60.	13.65
53		4	4.	133.	34.88
54		4	0.	165.	36.65
55		4	3.	393.	96.10
56		4	5.	283.	85.78
57		4	2.	186.	49.02
58		4	1.	218.	53.94
59		4	1.	136.	28.20
60	02:22:50.913	1	3.	813.	128.57

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#	Start Time	Det	Min	Max	Mean
45	02:23:45.377	1	30.	2583.	670.14
46	02:23:45.361	4	9.	385.	94.22
47		4	3.	268.	57.51
48		4	3.	291.	62.94
49		4	0.	139.	28.06
50		4	1.	183.	31.35
51		4	0.	67.	14.57
52		4	0.	72.	15.27
53	02:24:12.609	1	101.	26032.	3876.61
54		1	116.	48668.	8942.90
55		1	125.	26057.	4961.92
56		1	63.	15979.	2153.27
57		1	39.	17479.	2373.31
58		1	64.	19618.	4028.14
59		1	24.	22518.	3719.18
60		1	17.	12467.	2876.12
61		1	1.	1066.	193.10
62		1	5.	6874.	781.94
63		1	101.	26032.	3876.61
64		1	116.	48668.	8942.90
65		1	125.	26057.	4961.92
66		1	63.	15979.	2153.27
67		1	39.	17479.	2373.31
68		1	64.	19618.	4028.14
69		1	24.	22518.	3719.18
70		1	17.	12467.	2876.12
71		1	1.	1066.	193.10
72	02:24:12.625	4	0.	115.	24.39
73		4	2.	304.	81.08
74		4	4.	591.	127.67
75		4	17.	1502.	327.04
76		4	4.	440.	122.39
77		4	2.	491.	107.88
78		4	5.	782.	172.76
79		4	2.	741.	138.39
80		4	3.	804.	122.43
81		4	1.	75.	17.76
82		4	0.	115.	24.39
83		4	2.	304.	81.08
84		4	4.	591.	127.67
85		4	17.	1502.	327.04
86		4	4.	440.	122.39
87		4	2.	491.	107.88
88		4	5.	782.	172.76
89	02:24:39.841	1	24.	22518.	3719.18
90		1	17.	12467.	2876.12
91		1	1.	1066.	193.10
92		1	5.	6874.	781.94
93		1	101.	26032.	3876.61
94		1	116.	48668.	8942.90
95		1	125.	26057.	4961.92
96		1	63.	15979.	2153.27
97		1	39.	17479.	2373.31
98		1	64.	19618.	4028.14
99		1	24.	22518.	3719.18
100		1	17.	12467.	2876.12
101		1	1.	1066.	193.10
102		1	5.	6874.	781.94
103		1	101.	26032.	3876.61
104		1	116.	48668.	8942.90

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#	Start Time	Det	Min	Max	Mean
89	02:25:34.289	4	1.	307.	58.39
90		4	1.	316.	59.20
91	02:26:01.537	1	2.	686.	154.61
92		1	1.	1412.	185.92
93		1	12.	2767.	412.76
94		1	12.	2519.	394.76
95		1	41.	1825.	611.61
96		1	21.	2632.	693.00
97		1	24.	2958.	648.10
98		1	24.	3110.	656.98
99		1	6.	2337.	400.57
100	02:26:01.553	4	2.	326.	59.29
101		4	0.	89.	23.14
102		4	0.	127.	24.22
103		4	2.	312.	55.16
104		4	3.	323.	58.31
105		4	11.	735.	144.63
106		4	6.	825.	158.00
107		4	4.	658.	123.90
108		4	7.	667.	130.41
109		4	0.	373.	66.67
110		4	2.	326.	59.29
111		4	0.	89.	23.14
112		4	0.	127.	24.22
113		4	2.	312.	55.16
114		4	3.	323.	58.31
115		4	11.	735.	144.63
116		4	6.	825.	158.00
117		4	4.	658.	123.90
118		4	7.	667.	130.41
119		4	0.	373.	66.67
120		4	2.	326.	59.29
121		4	0.	89.	23.14
122		4	0.	127.	24.22
123	02:26:28.769	1	9.	852.	204.53
124		1	9.	728.	193.31
125		1	24.	1398.	495.67
126		1	42.	1487.	581.24
127		1	31.	1900.	468.37
128		1	24.	1555.	444.69
129		1	7.	1143.	225.18
130		1	4.	885.	203.90
131		1	0.	542.	113.04
132		1	1.	526.	102.53
133	02:26:28.753	4	3.	151.	36.98
134		4	2.	169.	35.33
135		4	7.	493.	120.00
136		4	15.	572.	142.16
137		4	5.	447.	112.35
138		4	2.	388.	106.53
139		4	1.	214.	48.35
140		4	1.	148.	40.45
141		4	1.	95.	19.37
142		4	1.	70.	19.27
143		4	3.	151.	36.98
144		4	2.	169.	35.33
145		4	7.	493.	120.00
146		4	15.	572.	142.16
147		4	5.	447.	112.35
148		4	2.	388.	106.53

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#	Start Time	Det	Min	Max	Mean
133	02:27:50.465	1	9.	473.	125.41
134		1	11.	485.	120.27
135		1	28.	921.	362.82
136	02:27:50.481	4	12.	310.	103.00
137		4	5.	360.	101.24
138		4	6.	370.	98.55
139		4	1.	117.	32.88
140		4	0.	132.	32.10
141		4	0.	37.	11.35
142		4	0.	39.	12.31
143		4	1.	83.	25.98
144		4	3.	85.	26.27
145		4	10.	275.	97.94
146		4	12.	310.	103.00
147	02:28:17.697	1	22.	866.	286.57
148		1	26.	845.	275.98
149		1	3.	560.	108.18
150		1	5.	491.	101.63
151		1	2.	263.	41.53
152		1	1.	168.	36.47
153		1	5.	540.	109.94
154		1	4.	507.	98.16
155		1	47.	894.	333.14
156		1	45.	940.	368.55
157		1	22.	866.	286.57
158		1	26.	845.	275.98
159		1	3.	560.	108.18
160		1	5.	491.	101.63
161		1	2.	263.	41.53
162		1	1.	168.	36.47
163		1	5.	540.	109.94
164		1	4.	507.	98.16
165		1	47.	894.	333.14
166		1	45.	940.	368.55
167		1	22.	866.	286.57
168		1	26.	845.	275.98
169		1	3.	560.	108.18
170		1	5.	491.	101.63
171		1	2.	263.	41.53
172		1	1.	168.	36.47
173		1	5.	540.	109.94
174	02:28:17.713	4	2.	77.	23.84
175		4	10.	257.	93.31
176		4	9.	272.	99.16
177	02:28:44.929	1	22.	866.	286.57
178		1	26.	845.	275.98
179		1	3.	560.	108.18
180		1	5.	491.	101.63
181		1	2.	263.	41.53
182		1	1.	168.	36.47
183		1	5.	540.	109.94
184		1	4.	507.	98.16
185		1	47.	894.	333.14
186		1	45.	940.	368.55
187		1	22.	866.	286.57
188		1	26.	845.	275.98
189		1	3.	560.	108.18
190		1	5.	491.	101.63
191		1	2.	263.	41.53
192		1	1.	168.	36.47

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#	Start Time	Det	Min	Max	Mean
177	02:29:39.409	4	6.	283.	74.47
178		4	8.	283.	73.08
179		4	1.	112.	25.18
180		4	2.	99.	24.94
181	02:30:06.625	1	1.	472.	40.90
182		1	0.	0.	0.00
183		1	0.	0.	0.00
184		1	0.	0.	0.00