

Ultraviolet Spectrometer / Polarimeter Experiment 15848

Start time Nov 10 1980 07:58:34 DOY 315
End time Nov 10 1980 08:25:03 DOY 315

Start major 486429 Minor 17
End major 486623 Minor 7

Experiment type (2) **DOPPLERGRAM**

Intvl 1 Det(s): 3	WL 1549.3 to 1549.3
4	WL 1532.0 to 1532.0
Intvl 2 Det(s): 5	WL 3054.6 to 3054.6

Slit 18 (N) Reformatter version 15

Wavelength: Step # 85846 to # 85846

	NW 0	DW 0	GBL WO=-32
Polarimeter:	NP 0	DP 0	OUT
Raster:	NX 10	DX 3	X-center 72
	NY 10	DY 3	Y-center 162
	NR 300	-X-Y-P-W-	Gate 0.063

DMA information:

threshold 5
max value 5746 at (62,176) WLD = 85807
min value 0 at (77,167)
blue max: vel = 40 int = 20 at (86,176)
red max : vel = 38 int = 16 at (59,149)
current flarX = 76 flarY = 186

Pointing information :

NOAA active region : 2779
Helio. Latitude and Longitude : -11.6(S), -15.1(E)
B0: 3.3 degrees P: 22.6 degrees

Spacecraft roll : 0.0 degrees
Spacecraft Pitch 259.2 Yaw 286.5 arcsec
Pitch and Yaw corresponding to UVSP X-cen Y-cen :
Pitch 247.2 arcsec
Yaw 247.5 arcsec

X boresight : 60.0
Y boresight : 201.0

Theta : 135.0 deg.
R : 349.8 arcsec
Rsun : 969.2 arcsec
R/Rsun : 0.361

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#	Start Time	Det	Min	Max	Mean
1	07:58:34.858	3	0.	143.	10.56
2		3	0.	105.	10.30
3		3	1.	141.	15.08
4		3	1.	367.	22.01
5		3	3.	1005.	45.59
6		3	2.	865.	40.39
7		3	6.	984.	56.77
8		3	6.	941.	56.91
9		3	8.	945.	59.64
10		3	7.	521.	47.30
11		3	8.	541.	52.70
12		3	9.	456.	46.46
13		3	9.	565.	50.10
14		3	12.	709.	53.16
15		3	13.	1088.	64.03
16		3	11.	809.	57.50
17		3	7.	556.	58.60
18		3	7.	749.	64.82
19		3	9.	652.	64.30
20		3	8.	788.	65.40
21		3	7.	906.	65.96
22		3	10.	940.	66.28
23		3	9.	1057.	74.81
24		3	11.	962.	75.73
25		3	7.	906.	82.72
26		3	7.	1016.	94.33
27		3	12.	1048.	107.36
28		3	10.	1128.	93.15
29		3	8.	962.	90.81
30		3	9.	900.	92.16
31		3	9.	862.	95.07
32		3	13.	873.	102.70
33		3	10.	1088.	118.27
34		3	8.	1999.	141.59
35		3	13.	4233.	222.57
36		3	13.	2551.	164.03
37		3	14.	3133.	183.60
38		3	11.	2982.	183.49
39		3	16.	5366.	259.03
40		3	21.	5564.	298.03
41	07:58:34.874	4	9.	449.	62.84
42		4	9.	477.	65.02
43		4	8.	410.	55.30
44		4	8.	815.	69.76

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#	Start Time	Det	Min	Max	Mean
45	07:58:34.874	4	6.	1504.	81.81
46		4	5.	1582.	76.72
47		4	4.	1833.	98.70
48		4	3.	1788.	93.63
49		4	5.	1866.	87.48
50		4	4.	846.	53.46
51		4	2.	1000.	58.57
52		4	2.	769.	48.71
53		4	1.	864.	48.43
54		4	5.	1421.	59.13
55		4	3.	2163.	77.30
56		4	0.	1115.	52.45
57		4	2.	814.	49.78
58		4	2.	1057.	60.84
59		4	3.	945.	61.20
60		4	1.	1029.	67.10
61		4	1.	968.	57.15
62		4	1.	952.	57.92
63		4	3.	1336.	72.26
64		4	3.	1122.	72.54
65		4	4.	930.	87.91
66		4	2.	1184.	100.26
67		4	4.	1491.	121.57
68		4	2.	1415.	108.80
69		4	2.	1746.	106.02
70		4	1.	1465.	94.46
71		4	4.	1123.	88.68
72		4	5.	1317.	96.53
73		4	4.	1750.	124.14
74		4	5.	3214.	179.18
75		4	7.	5144.	250.26
76		4	4.	5764.	234.81
77		4	6.	10874.	270.82
78		4	7.	13061.	349.34
79		4	5.	11511.	362.48
80		4	6.	14161.	520.24
81	07:58:34.922	5	34.	352.	213.06
82		5	27.	337.	211.73
83		5	37.	305.	187.17
84		5	38.	320.	187.22
85		5	29.	289.	167.44
86		5	30.	284.	168.70
87		5	22.	276.	161.04
88		5	28.	283.	162.26

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#	Start Time	Det	Min	Max	Mean
89	07:58:34.922	5	24.	231.	130.53
90		5	27.	233.	129.74
91		5	20.	203.	112.96
92		5	21.	199.	113.73
93		5	19.	196.	109.84
94		5	18.	202.	111.57
95		5	14.	194.	107.49
96		5	15.	210.	107.33
97		5	18.	191.	105.30
98		5	17.	208.	106.32
99		5	13.	212.	107.03
100		5	11.	202.	104.89
101		5	20.	178.	104.66
102		5	17.	185.	106.92
103		5	12.	204.	108.79
104		5	23.	193.	109.99
105		5	12.	206.	109.09
106		5	22.	188.	108.17
107		5	22.	189.	108.56
108		5	6.	191.	106.02
109		5	20.	199.	106.66
110		5	13.	189.	105.66
111		5	10.	200.	106.35
112		5	22.	194.	106.18
113		5	16.	208.	105.48
114		5	24.	192.	107.85
115		5	12.	196.	105.49
116		5	13.	204.	105.41
117		5	15.	191.	103.25
118		5	16.	195.	103.76
119		5	16.	168.	91.56
120		5	16.	175.	93.09
121	08:08:46.954	3	24.	5746.	317.63
122		3	18.	5732.	333.77
123		3	21.	4581.	328.27
124		3	22.	4873.	359.38
125		3	19.	4677.	373.42
126		3	17.	4497.	403.87
127		3	15.	3693.	334.46
128		3	16.	3421.	342.43
129		3	16.	3323.	315.17
130		3	17.	3263.	318.59
131		3	11.	2485.	269.54
132		3	17.	2889.	293.38

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#	Start Time	Det	Min	Max	Mean
133	08:08:46.954	3	16.	2598.	288.40
134		3	14.	2692.	276.26
135		3	13.	2415.	252.17
136		3	13.	2337.	256.96
137		3	14.	2249.	254.07
138		3	17.	2073.	255.46
139		3	16.	2105.	256.84
140		3	18.	2029.	262.08
141		3	17.	1828.	247.46
142		3	17.	1881.	253.91
143		3	13.	2233.	265.20
144		3	18.	1898.	256.44
145		3	15.	1926.	246.61
146		3	20.	1855.	240.15
147		3	18.	1663.	228.00
148		3	13.	1820.	231.78
149		3	14.	2007.	211.31
150		3	11.	1569.	202.45
151		3	14.	1614.	189.98
152		3	16.	1733.	193.23
153		3	12.	1489.	177.71
154		3	8.	1586.	179.86
155		3	10.	1566.	168.89
156		3	11.	1613.	169.70
157		3	12.	1290.	162.04
158		3	11.	1444.	168.88
159		3	12.	1124.	149.84
160		3	10.	1055.	149.42
161	08:08:46.970	4	3.	7560.	344.95
162		4	5.	7731.	328.10
163		4	6.	8166.	305.91
164		4	4.	8588.	300.72
165		4	7.	7403.	312.89
166		4	5.	6415.	294.52
167		4	6.	6004.	336.80
168		4	7.	6578.	299.85
169		4	3.	5976.	263.47
170		4	5.	5835.	256.03
171		4	4.	4607.	235.97
172		4	6.	5290.	299.76
173		4	6.	4034.	241.09
174		4	5.	4616.	233.95
175		4	5.	4348.	232.18
176		4	5.	4312.	241.68

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#	Start Time	Det	Min	Max	Mean
177	08:08:46.970	4	6.	3834.	258.24
178		4	5.	3107.	232.13
179		4	8.	2759.	225.98
180		4	8.	2158.	241.28
181		4	9.	2961.	255.82
182		4	5.	3935.	276.56
183		4	5.	3011.	251.72
184		4	9.	2284.	228.45
185		4	8.	1910.	216.98
186		4	5.	1867.	207.02
187		4	8.	1961.	200.24
188		4	10.	1837.	193.43
189		4	6.	1686.	179.87
190		4	6.	1663.	176.77
191		4	8.	1661.	172.64
192		4	4.	1558.	166.35
193		4	8.	1571.	170.35
194		4	3.	1562.	159.23
195		4	6.	1387.	159.35
196		4	7.	1267.	160.46
197		4	10.	1324.	151.26
198		4	9.	1212.	141.66
199		4	5.	1277.	138.36
200		4	7.	1284.	135.27
201	08:08:47.018	5	8.	136.	61.06
202		5	12.	125.	61.81
203		5	9.	134.	61.68
204		5	8.	136.	63.91
205		5	12.	150.	72.44
206		5	16.	151.	74.64
207		5	9.	161.	85.29
208		5	10.	170.	88.00
209		5	15.	188.	89.13
210		5	13.	185.	87.73
211		5	11.	191.	97.67
212		5	14.	185.	98.72
213		5	14.	201.	99.64
214		5	18.	193.	101.62
215		5	11.	196.	103.87
216		5	20.	215.	104.22
217		5	18.	207.	105.08
218		5	18.	186.	101.52
219		5	17.	186.	103.34
220		5	17.	195.	106.46

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#	Start Time	Det	Min	Max	Mean
221	08:08:47.018	5	21.	187.	103.92
222		5	16.	207.	103.71
223		5	7.	200.	103.66
224		5	16.	223.	104.12
225		5	18.	193.	104.73
226		5	20.	199.	102.42
227		5	15.	211.	106.12
228		5	21.	203.	104.59
229		5	18.	196.	106.87
230		5	19.	198.	107.94
231		5	17.	199.	108.00
232		5	20.	196.	109.76
233		5	18.	215.	111.05
234		5	15.	201.	110.64
235		5	20.	235.	116.84
236		5	14.	213.	114.65
237		5	19.	208.	114.71
238		5	19.	221.	115.58
239		5	16.	213.	121.95
240		5	19.	208.	121.23
241	08:18:58.762	3	11.	824.	131.94
242		3	7.	952.	131.67
243		3	0.	6911.	191.49
244		3	8.	842.	122.34
245		3	10.	733.	120.56
246		3	6.	783.	116.22
247		3	10.	894.	116.27
248		3	7.	768.	112.53
249		3	10.	740.	110.36
250		3	9.	705.	105.14
251		3	6.	799.	102.28
252		3	10.	797.	106.28
253		3	13.	709.	107.94
254		3	8.	623.	105.81
255		3	5.	624.	112.89
256		3	8.	600.	100.16
257		3	0.	255.	25.42
258		3	0.	1.	0.01
259		3	0.	2.	0.08
260		3	0.	0.	0.00
261		3	0.	2.	0.06
262		3	0.	1.	0.01
263		3	0.	1.	0.02
264		3	0.	0.	0.00

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