

60 inch Telescope Log

Observer: Felco
 PI: Felco

Spectrograph: FAST

Grating: 300

Page: 8023

Date: 12/1/94

| Number | Object | R.A. | Dec. | L/R | Exp | Comments |
|--------|------------|------|------|-----|-----|-------------------------|
| 1-10 | BIAS | | | | | for 1080 |
| 11-20 | FLAT | | | | | |
| 26-40 | SKY | | | | | |
| 41 | N711 | | | 84 | 300 | |
| 42 | comp | | | ↑ | | |
| 43 | 01536+0521 | | | 84 | 300 | |
| 44 | comp | | | ↑ | | |
| 45 | 01493+0325 | | | 84 | 300 | |
| 46 | comp | | | ↑ | | |
| 47 | 01498+3556 | | | 84 | 600 | |
| 48 | comp | | | ↑ | | |
| 49 | I 1756 | | | 84 | 600 | |
| 50 | comp | | | ↑ | | |
| 51 | 02008+2350 | | | 84 | 900 | superposed star, lat em |
| 52 | comp | | | ↑ | | |
| 53 | 02051+0154 | | | 84 | 180 | |
| 54 | comp | | | ↑ | | |
| 55 | N7331 | | | 57 | 180 | |
| 56 | comp | | | ↑ | | |
| 57 | Feige 110 | | | 56 | 120 | |
| 58 | comp | | | ↑ | | |
| 59 | I 1774 | | | 84 | 900 | |
| 60 | comp | | | ↑ | | |
| 61 | 02146+0935 | | | 84 | 300 | |
| 62 | comp | | | ↑ | | |
| 63 | 02074+0725 | | | 84 | 600 | |
| 64 | comp | | | ↑ | | |
| 65 | 02355+4127 | | | 84 | 120 | |
| 66 | comp | | | ↑ | | |
| 67 | 02435+3450 | | | 84 | 300 | |

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|------------------------|---------------|------|---------------------------|-----|----------------------|--------------------------|
| Observer: <u>Falco</u> | | | Grating: <u>300</u> | | Date: <u>12/1/99</u> | |
| PI: <u>Falco</u> | | | | | | |
| Number | Object | R.A. | Dec. | L/R | Exp | Comments |
| 68 | comp | | | ↑ | | |
| 69 | 021972+0102 | | | 84 | 120 | |
| 70 | comp | | | ↑ | | |
| 71 | 02553+0535 | | | 84 | | |
| 72 | comp | | | ↑ | | |
| 73 | 021929+570816 | | | 83 | 600 | row = 42 v. bright * = 3 |
| 74 | comp | | | ↑ | | |
| 75 | 021929+571123 | | | 83 | 300 | |
| 76 | comp | | | ↑ | | |
| 77 | 021931+570307 | | | 83 | 600 | |
| 78 | comp | | | ↑ | | |
| 79 | 021933+570932 | | | 83 | 600 | row = 42 v. bright * = 4 |
| 80 | comp | | | ↑ | | |
| 81 | 021933+571453 | | | 83 | 300 | |
| 82 | comp | | | ↑ | | |
| 83 | 021935+570553 | | | 83 | 500 | clouds, reds? |
| 84 | comp | | | ↑ | | |
| 85 | 021935+570553 | | | 83 | 500 | ok! clouds passed |
| 86 | comp | | | ↑ | | |
| 87 | NGC 2811 | | | 2 | 1200 | line x 2 maybe? |
| 88 | comp | | | ↑ | | " faint! |
| 89 | G191 B2B | | | 56 | 120 | std |
| 90 | comp | | | ↑ | | |
| 91 | G191 B2E | | | 56 | 120 | line x 1 |
| 92 | comp | | | ↑ | | |
| 93 | 04393+0057 | | | 84 | 300 | ✓ km |
| 94 | comp | | | ↑ | | |
| 95 | 04378-0208 | | | 84 | 600 | v. km |
| 96 | comp | | | ↑ | | |
| 97 | 04394-0152 | | | 84 | 300 | |

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| Number | Object | R.A. | Dec. | L/R | Exp | Comments |
|--------|------------|------|------|-----|-----|------------------------------|
| 98 | comp | | | ↑ | | |
| 99 | 04485+0038 | | | 84 | 300 | |
| 100 | comp | | | ↑ | | |
| 101 | 04440-0246 | | | 84 | 300 | |
| 102 | comp | | | ↑ | | |
| 103 | 04544-0256 | | | 84 | 300 | |
| 104 | comp | | | ↑ | | |
| 105 | 04438+0325 | | | 84 | 180 | |
| 106 | comp | | | ↑ | | |
| 107 | 04517+0135 | | | 84 | 180 | |
| 108 | comp | | | ↑ | | |
| 109 | 05132+0706 | | | 84 | 300 | |
| 110 | comp | | | ↑ | | |
| 111 | 05140+0623 | | | 84 | 300 | |
| 112 | comp | | | ↑ | | |
| 113 | 05177+0631 | | | 84 | 300 | |
| 114 | comp | | | ↑ | | |
| 115 | 05145+0652 | | | 84 | 180 | |
| 116 | comp | | | ↑ | | |
| 117 | 05182+0313 | | | 84 | 180 | |
| 118 | comp | | | ↑ | | |
| 119 | 05183+0312 | | | 84 | 200 | repeat from 11/30 8020/99 |
| 120 | comp | | | ↑ | | |
| 121 | 05390+1829 | | | 84 | 300 | |
| 122 | comp | | | ↑ | | |
| 123 | 05466+1241 | | | 84 | 200 | |
| 124 | comp | | | ↑ | | |
| 125 | 05518+1510 | | | 84 | 300 | |
| 126 | comp | | | ↑ | | |
| 127 | 06522+2419 | | | 84 | 300 | |

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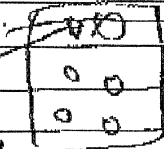
Spectrograph: FAST

Grating: 300

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Date: 12/2/99

| Number | Object | R.A. | Dec. | L/R | Exp | Comments |
|--------|------------|------|------|-----|-----|--------------------------|
| 128 | comp | | | ↑ | | |
| 129 | 06516+4104 | | | 84 | 180 | |
| 130 | comp | | | ↑ | | |
| 131 | 06523+4045 | | | 84 | 240 | row ~ 40 may not be emp. |
| 132 | comp | | | ↑ | | |
| 133 | 06539+4521 | | | 84 | 200 | |
| 134 | comp | | | ↑ | | |
| 135 | I 2175 | | | 84 | 300 | too short? |
| 136 | comp | | | ↑ | | |
| 137 | 07009+2920 | | | 84 | 300 | |
| 138 | comp | | | ↑ | | |
| 139 | 07048+3145 | | | 84 | 200 | |
| 140 | comp | | | ↑ | | |
| 141 | 07054+4954 | | | 84 | 300 | row ~ 40 |
| 142 | comp | | | ↑ | | |
| 143 | 07068+5014 | | | 84 | 200 | |
| 144 | comp | | | ↑ | | |
| 145 | 07054+4842 | | | 84 | 120 | row 40 |
| 146 | comp | | | ↑ | | |
| 147 | 07061+4759 | | | 84 | 300 | |
| 148 | comp | | | ↑ | | |
| 149 | 07092+2840 | | | 84 | 300 | |
| 150 | comp | | | ↑ | | |
| 151 | 07145+4105 | | | 84 | 300 | |
| 152 | comp | | | ↑ | | |
| 153 | 07181-0128 | | | 84 | 300 | |
| 154 | comp | | | ↑ | | |
| 155 | 07384+6019 | | | 84 | 180 | |
| 156 | comp | | | ↑ | | |
| 157 | 07435+3908 | | | 84 | 120 | |

FAST | RA 90

 too interesting not to do all in rest - tell Margaret

| 60 inch Telescope Log | | | Spectrograph: <u>FAST</u> | | Page: <u>8027</u> | |
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| Observer: <u>Falco</u> | | | Grating: <u>300</u> | | Date: <u>12/2/99</u> | |
| PI: <u>Falco</u> | | | | | | |
| Number | Object | R.A. | Dec. | L/R | Exp | Comments <i>clear + cold</i> |
| 158 | comp | | | ↑ | | |
| 159 | 07435+3908 | | | 84 | 300 | |
| 160 | comp | | | ↑ | | |
| 161 | 07435+3908 | | | 84 | 300 | |
| 162 | comp | | | ↑ | | |
| 163 | 07437+6050 | | | 84 | 300 | |
| 164 | comp | | | ↑ | | |
| 165 | 07460+2845 | | | 84 | 300 | |
| 166 | comp | | | ↑ | | |
| 167 | 07459+5602 | | | 84 | 200 | |
| 168 | comp | | | ↑ | | |
| 169 | 07475+5018 | | | 84 | 200 | |
| 170 | comp | | | ↑ | | |
| 171 | 07471+6200 | | | 84 | 300 | ? faint? |
| 172 | comp | | | ↑ | | |
| 173 | 07469+3633 | | | 84 | 200 | row 40 faint? |
| 174 | comp | | | ↑ | | |
| 175 | 09580+3651 | | | 84 | 120 | |
| 176 | comp | | | ↑ | | |
| 177 | 10026+1930 | | | 84 | 300 | |
| 178 | comp | | | ↑ | | |
| 179 | 10044-0100 | | | 84 | 300 | |
| 180 | comp | | | ↑ | | |
| 181 | 10037+0118 | | | 84 | 180 | |
| 182 | comp | | | ↑ | | |
| 183 | 10221+0640 | | | 84 | 300 | |
| 184 | comp | | | ↑ | | |
| 185 | 07093+2841 | | | 84 | 300 | |
| 186 | comp | | | ↑ | | |
| 187 | 07153+3128 | | | 84 | 300 | maybe |

