

FAX To: Susan Tokarz 63 + 2(000) = 65
4 pages total

| 60 inch Telescope Log | | | Spectrograph: <u>FAST</u> | | | |
|----------------------------|------------|-------------|---------------------------|-----|-------------------|-------------------------------|
| Observer: <u>P. Barkin</u> | | | Grating: <u>300</u> | | Page: <u>3934</u> | |
| PI: <u>Geller</u> | | | Date: <u>9/18/95</u> | | | |
| Number | Object | R.A. | Dec. | L/R | Exp | Comments |
| 1-25 | BIAS | | | 0 | 0s | rained sunset again |
| 25-50 | FLAT | | | 0 | 8s | |
| 51-53 | N7331 | 22:34:46.9 | +54:07:43 | 0 | 2m | open ~ 9:10 |
| 54 | COMP | | | ↑ | | |
| 55 | S18.042423 | 21:49:24.66 | +10:35:33.9 | 3 | 10m | H _α |
| 56 | COMP | | | ↑ | | |
| 57 | S18.042976 | 21:30:43.7 | +10:34:58.8 | 3 | 10m | |
| 58 | COMP | | | ↑ | | |
| 59 | S18.043977 | 21:32:32.9 | +10:36:24.7 | 3 | 6m | |
| 60 | COMP | | | ↑ | | |
| 61 | S18.043983 | 21:30:42.3 | +10:36:29.3 | 3 | 8m | |
| 62 | COMP | | | ↑ | | |
| 63 | S18.047155 | 21:38:28.2 | +10:36:20.9 | 3 | 10m | H _α |
| 64 | COMP | | | ↑ | | |
| 65 | S18.044188 | 21:36:17.4 | +10:37:43.4 | 3 | 10m | |
| 66 | COMP | | | ↑ | | |
| 67 | S18.045526 | 21:37:11.9 | +10:39:48 | 3 | 10m | |
| 68 | COMP | | | ↑ | | H _α |
| 69 | S18.047629 | 21:31:59.5 | +10:42:25.1 | 3 | 15m | superposed star α -gal |
| 70 | COMP | | | ↑ | | |
| 71 | S18.045304 | 21:31:14.54 | +10:46:02.3 | 3 | 10m | |
| 72 | COMP | | | ↑ | | |
| 73 | S18.052264 | 21:32:05.46 | +10:49:31 | 3 | 15m | |
| 74 | COMP | | | ↑ | | thin cloud |
| 75 | S18.054823 | 21:49:54.77 | +10:54:42.7 | 3 | 15m | H _α |
| 76 | COMP | | | ↑ | | |
| 77 | S18.041002 | 21:30:43.11 | +10:31:54.6 | 3 | 10m | weak |
| 78 | COMP | | | ↑ | | |
| 79-81 | S18.043032 | 21:37:09.71 | +10:36:27.7 | 3 | 10m | 15m x2 done |
| 80-82 | COMP | | | ↑ | | |

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60 inch Telescope Log

Observer: P. BerlandSpectrograph: F55Grating: 300Page: 3935PI: Geller / Kirshner / Wilkes / BartonDate: 9/18/95

| Number | Object | R.A. | Dec. | L/R | Exp | Comments |
|---------|-------------|-------------|-------------|-----|-----|-------------------|
| 83 | SPR. 049931 | 21:48:45.7 | +10:41:01.6 | 3 | 12m | star on slit to W |
| 84 | COMP | | | ↑ | | |
| 85 | SN 1995V | 01:10:59.6 | +37:04:40.7 | 2 | 15m | |
| 86 | COMP | | | ↑ | | |
| 87 | MRK 335 | 10:03:45.1 | +19:25:27 | 6 | 1m | |
| 88 | COMP | | | ↑ | | clearing nicely |
| 89 | Ferguson | 23:47:23 | -05:26:22 | 0 | 1m | seeing 1.2" |
| 90 | COMP | | | ↑ | | |
| 91 | SZ3.015022 | 23:50:79.4 | +10:31:11.2 | 3 | 7m | |
| 92 | COMP | | | ↑ | | |
| 93 | SZ3.015489 | 23:56:57.3 | +10:32:37.7 | 3 | 7m | |
| 94 | COMP | | | ↑ | | |
| 95, 99 | SZ3.015642 | 23:53:11.6 | +10:32:49.7 | 3 | 7m | x 2 ; 12m |
| 96, 100 | COMP | | | ↑ | | |
| 97 | SZ3.015745 | 23:51:17.4 | +10:33:31 | 3 | 15m | H α |
| 98 | COMP | | | ↑ | | |
| 101 | SZ3.017747 | 23:48:25.8 | +10:40:20.9 | 3 | 7m | |
| 102 | COMP | | | ↑ | | |
| 103 | SZ3.018673 | 23:38:23.6 | +10:43:57.3 | 3 | 15m | H α |
| 104 | COMP | | | ↑ | | |
| 105 | SZ3.019177 | 23:32:45.8 | +10:44:57.6 | 3 | 15m | H α |
| 106 | COMP | | | ↑ | | |
| 107 | a194-gal013 | 01:23:47 | -01:31:01 | 33 | 10m | |
| 108 | COMP | | | ↑ | | |
| 109 | a194-gal014 | 01:23:53 | -01:18:43 | 33 | 10m | |
| 110 | COMP | | | ↑ | | |
| 111 | a194-gal015 | 01:24:24 | -02:28:57.6 | 33 | 15m | weak |
| 112 | COMP | | | ↑ | | |
| 113 | a194-gal016 | 01:24:24.75 | -01:03:29.3 | 33 | 2m | a star |
| 114 | COMP | | | ↑ | | |

60 inch Telescope Log

Observer: PBSpectrograph: FASTGrating: 300Page: 3935PI: BartonDate: 9/18/95

| Number | Object | R.A. | Dec. | L/R | Exp | Comments |
|---------|-------------|------------|-------------|-----|---------------|-----------------------------|
| 115 | a194-gal017 | 01:24:25 | -01:13:17 | 33 | 5m | 2 stars |
| 116 | COMP | | | ↑ | | (chip binned by 2) |
| 117 | a194-gal018 | 01:24:32 | -01:11:28 | 33 | 15m | LSB Ha @ pixel 2051 |
| 118 | COMP | | | ↑ | | |
| 119,121 | a194-gal019 | 01:24:34 | -01:42:02 | 33 | 6m, 15m | star w/ faint fuzz |
| 120,122 | COMP | | | ↑ | | fuzz has Ha @ pix 2171 |
| 123 | a194-gal020 | 01:24:41.7 | -01:35:15 | 33 | 2m | Finally... something bright |
| 124 | COMP | | | ↑ | | |
| 125 | awm 7-1.14 | 02:52:40.4 | +41:23:46.5 | 35 | 10m | nice Ha |
| 126 | COMP | | | ↑ | | |
| 127 | awm 7-1.16 | 02:52:51.2 | +42:12:48.1 | 35 | 3m | Ha |
| 128 | COMP | | | ↑ | | |
| 129 | awm 7-1.17 | 02:52:58.5 | +41:32:01.6 | 35 | 4m | |
| 130 | COMP | | | ↑ | | |
| 131 | awm 7-1.18 | 02:53:00.8 | +40:50:21.6 | 35 | 10m | star on slit; Ha |
| 132 | COMP | | | ↑ | | |
| 133 | awm 7-1.19 | 02:53:31.6 | +41:53:08.1 | 35 | 7m | Ha |
| 134 | COMP | | | ↑ | | |
| 135 | SN1995G | 04:43:42 | -05:19:10 | 2 | 20m | |
| 136 | COMP | | | ↑ | | |
| 137,138 | Ferze 24 | 02:32 | +03:30 | 0 | 1m | |
| 139 | COMP | | | ↑ | | |
| 140-142 | EG And | 02:41 | +40:24 | 12 | 1/2, 1/2, 1/2 | |
| 143 | COMP | | | ↑ | | rush, rush, rush |
| 144-146 | AX Per | 01:33 | +54:10 | 12 | 1/2, 1/2, 1/2 | |
| 147 | COMP | | | ↑ | | |
| 148-150 | UV Aur | 05:18 | +32:27 | 12 | 0.5, 1, 2m | |
| 151 | COMP | | | ↑ | | |
| 152,153 | G191B20 | 05:01 | +52:45 | 12 | 1m | |
| 154 | COMP | | | ↑ | | |

