

60 inch Telescope log

Observer: P. BerlindPI: Kirshner/Wilkes/HuchraSpectrograph: FASTGrating: 3002Page: 3555Date: 3/3/95

| Number | Object | R. A. | Dec. | L/R | Exp | Comments |
|--------|------------|-------------|-------------|-----|-----|---------------------------|
| 1-10 | BIAS | | | | | heavy cloud |
| 11-20 | FLAT | | | | | tentatively opening @ lam |
| 21 | SNR9SD | 09:40:54 | +05:08:26 | 2 | 15m | tilt = 570 ↓ |
| 22 | COMP | | | ↑ | | |
| 23 | F34 | 10:36:41.1 | +43:21:50 | 2 | 2m | |
| 24 | COMP | | | ↑ | | clouds |
| 25 | F34 | 10:36:41 | +43:21:50 | 6 | 2m | tilt = 610 ↓ |
| 26 | COMP | | | ↑ | | |
| 27 | N4151 | 12:08:01 | +39:41:02 | 6 | 30s | |
| 28 | COMP | | | ↑ | | lots of clouds |
| 29 | N4486B | 12:28:00 | +12:45:59 | 0 | 5m | |
| 30 | COMP | | | ↑ | | |
| 31-32 | N3115 | 10:02:44.4 | -07:28:30 | 6 | 3m | seeing 2" |
| 33 | COMP | | | ↑ | | |
| 34 | 11081p0447 | 11:08:09.9 | +04:46:57.1 | 1 | 5m | H _α |
| 35 | COMP | | | ↑ | | |
| 36 | 11081p0643 | 11:08:54 | +06:43:00 | 1 | 4m | |
| 37 | COMP | | | ↑ | | |
| 38 | 11098p0402 | 11:09:48 | +04:02:00 | 1 | 5m | H _α |
| 39 | COMP | | | ↑ | | pause to check specimens |
| 40 | 11094p0319 | 11:09:27.4 | +03:18:59 | 1 | 4m | |
| 41 | 11095p0326 | 11:09:32.3 | +03:24:55 | 1 | 4m | |
| 42 | COMP | | | ↑ | | |
| 43 | 11104p0608 | 11:10:27 | +08:08:00 | 1 | 5m | H _α |
| 44 | COMP | | | ↑ | | |
| 45 | 11105p0655 | 11:10:30 | +06:55:00 | 1 | 5m | H _α |
| 46 | COMP | | | ↑ | | |
| 47 | 11105p0758 | 11:10:30 | +07:58:00 | 1 | 4m | stopped by clouds - redo |
| 48 | COMP | | | ↑ | | |
| 49 | 321.005716 | 12:50:26.64 | +26:42:31.2 | 3 | 4m | |

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|--------|------------|-------------|-------------|-----|-----|---|
| 50 | COMP | | | ↑ | | increasing clouds |
| 51 | 321.006809 | 12:50:13.55 | +26:46:33 | 3 | 4m | |
| 52 | COMP | | | ↑ | | |
| 53 | 321.007135 | 12:51:0.5 | +26:47:39 | 3 | 5m | |
| 54 | COMP | | | ↑ | | |
| 55 | 321.007154 | 12:50:59.39 | +26:47:49 | 3 | 5m | |
| 56 | COMP | | | ↑ | | |
| 57 | 321.007431 | 12:27:46.57 | +26:46:46.1 | 3 | 7m | |
| 58 | COMP | | | ↑ | | |
| 59 | 321.007651 | 12:28:41.58 | +26:47:53.8 | 3 | 4m | |
| 60 | COMP | | | ↑ | | |
| 61 | 321.007708 | 12:35:38.5 | +26:50:11.5 | 3 | 5m | |
| 62 | COMP | | | ↑ | | |
| 63 | 321.008535 | 12:52:11.8 | +26:52:27.7 | 3 | 5m | |
| 64 | COMP | | | ↑ | | |
| 65 | 321.008606 | 12:49:02.61 | +26:53:31.2 | 3 | 4m | |
| 66 | COMP | | | ↑ | | seems ~3" |
| 67 | 321.008653 | 12:36:04.91 | +26:53:45 | 3 | 3m | |
| 68 | COMP | | | ↑ | | |
| 69 | 321.008808 | 12:49:51.82 | +26:54:15.1 | 3 | 5m | clouds |
| 70 | COMP | | | ↑ | | |
| 71 | 321.09409 | 12:36:12.87 | +26:56:27 | 3 | 5m | . sup * to SW |
| 72 | COMP | | | ↑ | | partly on s 47 |
| 73 | 321.009423 | 12:48:09.77 | +26:56:15.2 | 3 | 5m | High humidity?? MMT included |
| 74 | COMP | | | ↑ | | |
| 75 | 321.010205 | 12:53:54.13 | +26:57:57.5 | 3 | 5m | |
| 76 | COMP | | | ↑ | | |
| 77 | 321.011767 | 12:36:04.06 | +27:01:39.8 | 3 | 5m | |
| 78 | COMP | | | ↑ | | |
| 79 | 321.011811 | 12:40:01.17 | +27:05:21.8 | 3 | 2m | sup *; read in better sky sometime can only get star |

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|-------------|--------------|-------------|-------------|-----|---------|--|
| 80 | COMP | | | ↑ | | |
| 81 | 321.012048 | 12:51:05.43 | +27:04:5.4 | 3 | 4m | |
| 82 | COMP | | | ↑ | | |
| 83 | 13351p0343 | 13:35:06 | +03:43:60 | 1 | 5m | H α based on weak H α w/2 only |
| 84 | COMP | | | ↑ | | |
| 85 | 13451p0335 | 13:45:06 | +03:35:40 | 1 | 5m | H α |
| 86 | COMP | | | ↑ | | |
| 87 | I939 | 13:45:12 | +03:39:60 | 1 | 5m | |
| 88 | I940 | 13:45:24 | +03:42:60 | 1 | 4m | H α |
| 89 | COMP | | | ↑ | | |
| 90 | 13487p0233 | 13:48:12 | +02:33:60 | 1 | 4m | H α |
| 91 | U08750 | 13:48:18 | +02:34:60 | 1 | 4m | H α |
| 92 | COMP | | | ↑ | | |
| 93 | 13486p0436 | 13:48:36 | +04:36:60 | 1 | 5m | H α |
| 94 | COMP | | | ↑ | | |
| 95 | 13336p0345 | 13:33:36 | +03:45:60 | 1 | 5m | H α |
| 96 | 13343p0346 | 13:34:18 | +03:46:60 | 1 | 4m | H α |
| 97 | COMP | | | ↑ | | |
| 98,99,101 | Q1700p64 | 17:00:40.5 | +64:16:25 | 6 | 2m, 10m | simultaneous w/AstroZ! |
| 100,102 | COMP | | | ↑ | | radio loud QSO |
| 103,104 | PG1708p602 | 17:08:35.9 | +60:13:52 | 6 | 4m | same thin cloud |
| 105 | COMP | | | ↑ | | seems 2-3" |
| 106 | 13519.p6933A | 13:51:53.6 | +69:33:13 | 1 | 5m | |
| 107 | 13519.p6933B | 13:51:53.6 | +69:33:13 | 1 | 2m | H α variable thin cloud |
| 108,109 | MRK279 | 13:51:53.6 | +69:33:13 | 6 | 2m, 8m | AGN |
| 110 | COMP | | | ↑ | | rough seeing! |
| 111,112,113 | H243 | 13:14:00.7 | +29:21:49 | 6 | 1m, 4m | |
| 114 | COMP | | | ↑ | | |
| 115 | N5548 | 14:15:43.5 | +25:22:01.1 | 6 | 2m | |
| 116 | COMP | | | ↑ | | |

117-120

BIAS

0s

127-141

FLAT

10s

142-148

DARK