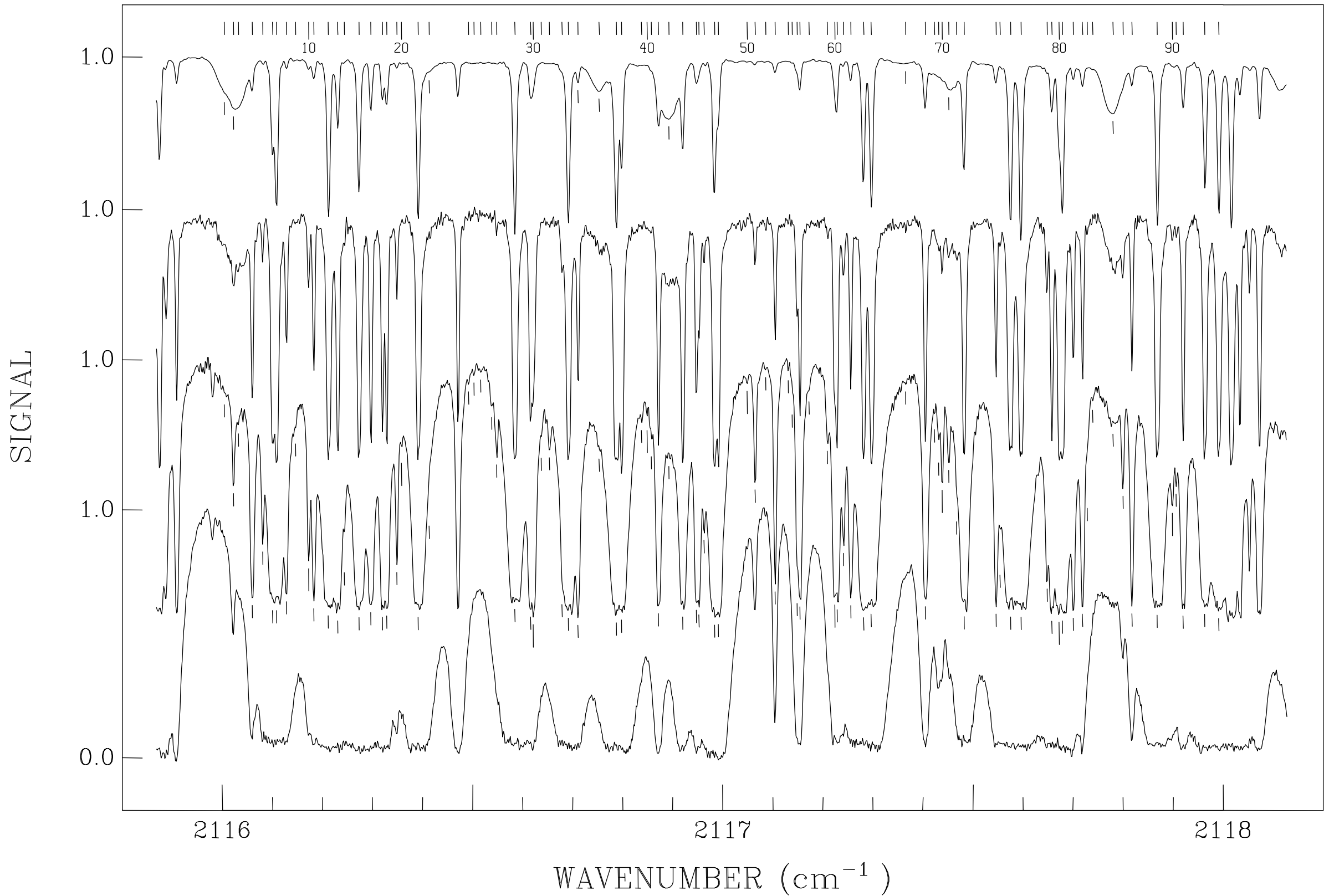


4 JUNE 1990

32.5KM 68.50° 37.08KM 90.64° 37.05KM 92.97° 36.76KM 94.49°



2116-2118 cm⁻¹

| Seq. No. | ν (observed) (cm ⁻¹) | Identification | Seq. No. | ν (observed) (cm ⁻¹) | Identification |
|----------|--------------------------------------|---|----------|--------------------------------------|---|
| 1 | 2116.0036 | ¹⁶ O ¹⁶ O ¹⁷ O? + solar CO | 31 | 2116.6372 | O ₃ ? |
| 2 | 2116.0222 | O ₃ + solar CO | 32 | 2116.6537 | O ₃ |
| 3 | 2116.0318 | ? + solar CO | 33 | 2116.6790 | O ₃ |
| 4 | 2116.0595 | O ₃ + solar CO | 34 | 2116.6910 | O ₃ |
| 5 | 2116.0802 | O ₃ | 35 | 2116.7106 | O ₃ + solar CO |
| 6 | 2116.1003 | O ₃ | 36 | 2116.7527 | solar CO |
| 7 | 2116.1078 | O ₃ | 37 | 2116.7877 | O ₃ |
| 8 | 2116.1278 | O ₃ | 38 | 2116.7977 | O ₃ + solar CO |
| 9 | 2116.1460 | O ₃ ? | 39 | 2116.8373 | CO + solar CO |
| 10 | 2116.1723 | O ₃ | 40 | 2116.8488 | O ₃ ? |
| 11 | 2116.1826 | O ₃ + solar CO | 41 | 2116.8571 | O ₃ ? |
| 12 | 2116.2115 | O ₃ | 42 | 2116.8712 | O ₃ |
| 13 | 2116.2301 | O ₃ | 43 | 2116.8924 | solar CO |
| 14 | 2116.2433 | O ₃ ? | 44 | 2116.9200 | O ₃ |
| 15 | 2116.2732 | O ₃ | 45 | 2116.9471 | O ₃ |
| 16 | 2116.2965 | O ₃ | 46 | 2116.9523 | O ₃ |
| 17 | 2116.3197 | O ₃ | 47 | 2116.9626 | O ₃ + ¹⁶ O ¹⁶ O ¹⁷ O? |
| 18 | 2116.3283 | O ₃ + ¹⁶ O ¹⁶ O ¹⁷ O? | 48 | 2116.9832 | O ₃ |
| 19 | 2116.3486 | O ₃ | 49 | 2116.9913 | O ₃ |
| 20 | 2116.3576 | O ₃ ? | 50 | 2117.0487 | ? |
| 21 | 2116.3908 | O ₃ | 51 | 2117.0645 | O ₃ + ¹⁶ O ¹⁶ O ¹⁷ O? |
| 22 | 2116.4134 | solar CO | 52 | 2117.0858 | ? |
| 23 | 2116.4917 | ¹⁶ O ¹⁶ O ¹⁷ O? | 53 | 2117.1046 | O ₃ |
| 24 | 2116.5029 | ? | 54 | 2117.1308 | ? |
| 25 | 2116.5159 | ? | 55 | 2117.1387 | O ₃ ? |
| 26 | 2116.5383 | O ₃ | 56 | 2117.1485 | CO ₂ |
| 27 | 2116.5481 | O ₃ + ¹⁶ O ¹⁶ O ¹⁷ O? | 57 | 2117.1542 | O ₃ |
| 28 | 2116.5843 | O ₃ | 58 | 2117.1721 | O ₃ ? |
| 29 | 2116.6160 | O ₃ + ¹⁶ O ¹⁶ O ¹⁷ O? | 59 | 2117.2090 | O ₃ + ¹⁶ O ¹⁶ O ¹⁷ O? |
| 30 | 2116.6207 | O ₃ ? | 60 | 2117.2236 | O ₃ |

2116-2118 cm⁻¹ (continued)

| Seq. No. | ν (observed) (cm ⁻¹) | Identification | Seq. No. | ν (observed) (cm ⁻¹) | Identification |
|-------------|---|--|-------------|---|------------------|
| 61 | 2117.2284 | O ₃ | 91 | 2117.9058 | O ₃ ? |
| 62 | 2117.2413 | O ₃ + ¹⁶ O ¹⁶ O ¹⁷ O | 92 | 2117.9201 | O ₃ |
| 63 | 2117.2557 | O ₃ | 93 | 2117.9632 | O ₃ |
| 64 | 2117.2815 | O ₃ | 94 | 2117.9912 | O ₃ |
| 65 | 2117.2968 | O ₃ | | | |
| 66 | 2117.3653 | CO ₂ ? + solar CO | | | |
| 67 | 2117.4048 | O ₃ | | | |
| 68 | 2117.4229 | O ₃ ? + solar CO | | | |
| 69 | 2117.4317 | CO + solar CO | | | |
| 70 | 2117.4384 | O ₃ + solar CO | | | |
| 71 | 2117.4518 | O ₃ + solar CO | | | |
| 72 | 2117.4671 | O ₃ ? + solar CO | | | |
| 73 | 2117.4822 | O ₃ | | | |
| 74 | 2117.5459 | O ₃ | | | |
| 75 | 2117.5538 | O ₃ ? | | | |
| 76 | 2117.5753 | O ₃ | | | |
| 77 | 2117.5959 | O ₃ | | | |
| 78 | 2117.6478 | O ₃ | | | |
| 79 | 2117.6575 | O ₃ | | | |
| 80 | 2117.6722 | O ₃ | | | |
| 81 | 2117.6787 | O ₃ | | | |
| 82 | 2117.7006 | O ₃ | | | |
| 83 | 2117.7188 | O ₃ | | | |
| 84 | 2117.7279 | O ₃ ? | | | |
| 85 | 2117.7388 | O ₃ | | | |
| 86 | 2117.7799 | solar CO | | | |
| 87 | 2117.7995 | O ₃ + solar CO | | | |
| 88 | 2117.8176 | O ₃ + solar CO | | | |
| 89 | 2117.8678 | O ₃ | | | |
| 90 | 2117.8983 | O ₃ | | | |