

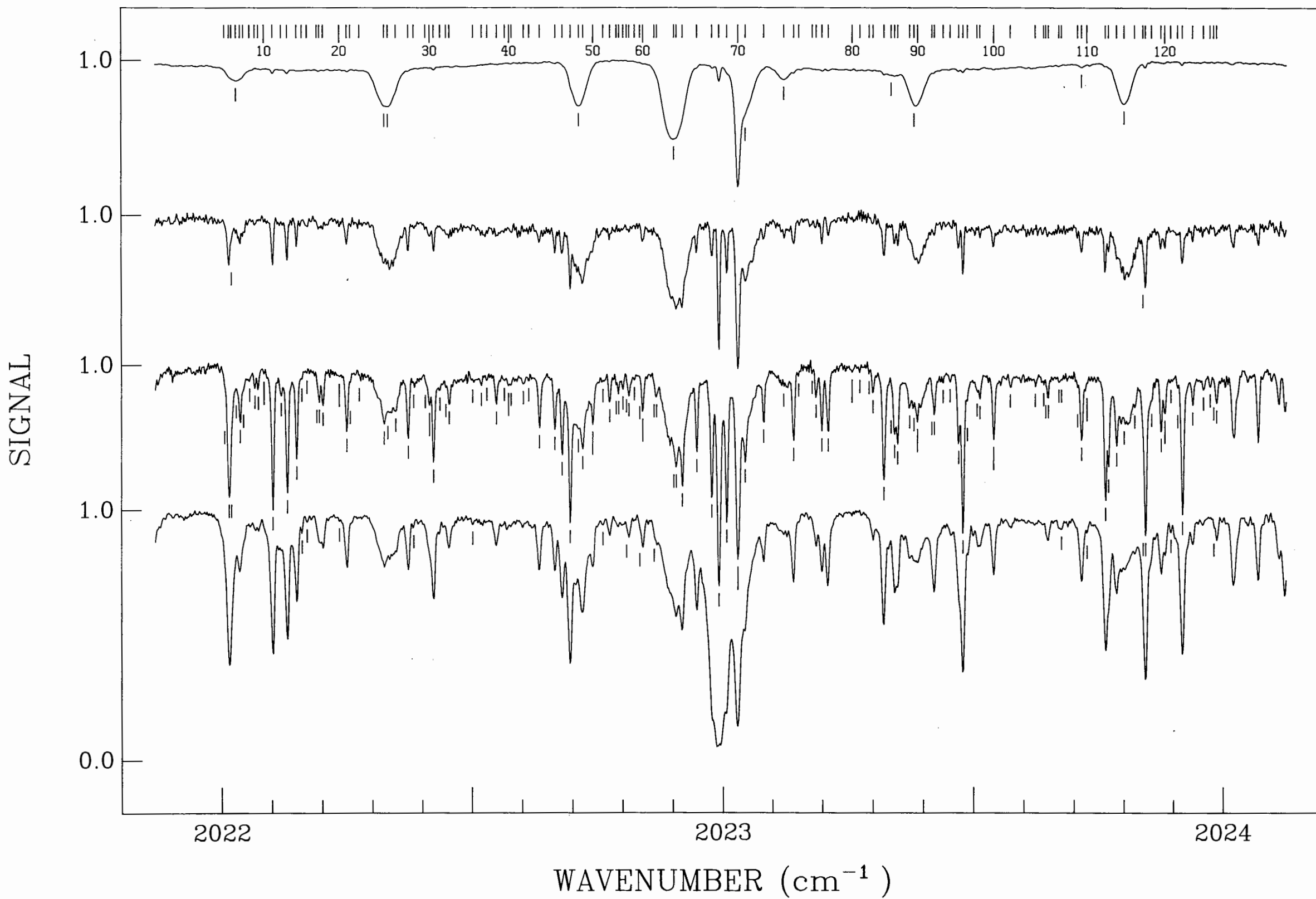
4 JUNE 1990

32.5KM 68.50°

37.08KM 90.64°

37.05KM 92.27°

36.76KM 94.49°



2022-2024 cm⁻¹

Seq. No.	ν (observed) (cm ⁻¹)	Identification	Seq. No.	ν (observed) (cm ⁻¹)	Identification
1	2022.0070	CO ₂ ?	31	2022.4234	¹⁶ O ₃
2	2022.0163	¹⁶ O ₃	32	2022.4362	?
3	2022.0207	CO ₂ , ¹⁶ O ₃	33	2022.4482	¹⁶ O ₃
4	2022.0301	solar CO	34	2022.4549	¹⁶ O ¹⁸ O ¹⁶ O
5	2022.0380	¹⁶ O ₃	35	2022.5017	? + ¹⁶ O ₃ ?
6	2022.0447	CO ₂	36	2022.5191	¹⁶ O ₃
7	2022.0570	?	37	2022.5301	? + ¹⁶ O ₃ ?
8	2022.0675	¹⁶ O ₃	38	2022.5492	¹⁶ O ¹⁸ O ¹⁶ O
9	2022.0744	¹⁶ O ₃	39	2022.5651	¹⁶ O ₃ ?
10	2022.0858	?	40	2022.5740	? + ¹⁶ O ₃ ?
11	2022.1030	¹⁶ O ₃ + CO ₂	41	2022.5779	?
12	2022.1198	¹⁶ O ¹⁸ O ¹⁶ O	42	2022.6026	¹⁶ O ₃
13	2022.1316	¹⁶ O ₃	43	2022.6134	¹⁶ O ₃ ?
14	2022.1502	¹⁶ O ₃	44	2022.6345	¹⁶ O ₃
15	2022.1609	?	45	2022.6658	¹⁶ O ₃
16	2022.1709	?	46	2022.6799	¹⁶ O ₃
17	2022.1909	¹⁶ O ₃	47	2022.6958	¹⁶ O ₃
18	2022.1952	¹⁶ O ₃	48	2022.7123	solar CO
19	2022.2028	¹⁶ O ¹⁸ O ¹⁶ O, CO ₂	49	2022.7208	CO ₂
20	2022.2349	¹⁶ O ₃ ?	50	2022.7409	¹⁶ O ₃ , ¹⁶ O ¹⁸ O ¹⁶ O?
21	2022.2499	¹⁶ O ₃ + ¹⁶ O ¹⁸ O ¹⁶ O?	51	2022.7613	? + ¹⁶ O ₃ ?
22	2022.2569	?	52	2022.7748	¹⁶ O ₃
23	2022.2750	¹⁶ O ₃ ?	53	2022.7880	?
24	2022.3243	¹⁶ O ₃ + solar CO	54	2022.7920	¹⁶ O ₃
25	2022.3315	solar CO	55	2022.8009	¹⁶ O ₃
26	2022.3476	¹⁶ O ¹⁸ O ¹⁶ O	56	2022.8078	?
27	2022.3727	¹⁶ O ₃	57	2022.8129	¹⁶ O ₃
28	2022.3836	?	58	2022.8240	?
29	2022.4068	¹⁶ O ₃ ?	59	2022.8347	?
30	2022.4152	¹⁶ O ¹⁸ O ¹⁶ O	60	2022.8408	¹⁶ O ₃

2022-2024 cm⁻¹ (continued)

Seq. No.	ν (observed) (cm ⁻¹)	Identification			
61	2022.8638	?	91	2023.4173	?
62	2022.8677	¹⁶ O ¹⁸ O ¹⁶ O + ¹⁶ O ₃ ?	92	2023.4219	CO ₂
63	2022.9022	solar CO	93	2023.4395	¹⁶ O ₃ ?
64	2022.9068	¹⁶ O ₃ + ¹⁶ O ¹⁸ O ¹⁶ O?	94	2023.4534	¹⁶ O ₃
65	2022.9192	¹⁶ O ₃ + CO?	95	2023.4707	¹⁶ O ₃
66	2022.9482	¹⁶ O ₃	96	2023.4793	¹⁶ O ₃
67	2022.9778	¹⁶ O ₃	97	2023.4882	?
68	2022.9918	CO ₂ + ¹⁶ O ₃ + ¹⁶ O ¹⁸ O ¹⁶ O	98	2023.5075	¹⁶ O ¹⁸ O ¹⁶ O
69	2023.0078	¹⁶ O ₃	99	2023.5133	CO ₂
70	2023.0302	H ₂ O	100	2023.5404	¹⁶ O ₃
71	2023.0452	¹⁶ O ₃ + solar CO	101	2023.5737	CO ₂
72	2023.0820	¹⁶ O ₃	102	2023.6232	¹⁶ O ₃ ?
73	2023.1224	solar CO + ¹⁶ O ₃ ?	103	2023.6401	¹⁶ O ₃ ?
74	2023.1424	¹⁶ O ₃	104	2023.6446	?
75	2023.1526	?	105	2023.6485	¹⁶ O ¹⁸ O ¹⁶ O
76	2023.1795	?	106	2023.6708	?
77	2023.1873	¹⁶ O ¹⁸ O ¹⁶ O	107	2023.6745	CO ₂
78	2023.1988	¹⁶ O ₃	108	2023.7080	¹⁶ O ₃ ?
79	2023.2115	¹⁶ O ₃	109	2023.7158	¹⁶ O ₃ , CO ₂ + solar CO
80	2023.2589	?	110	2023.7264	?
81	2023.2743	¹⁶ O ₃ ?	111	2023.7631	¹⁶ O ₃
82	2023.2926	?	112	2023.7693	¹⁶ O ₃
83	2023.3004	¹⁶ O ¹⁸ O ¹⁶ O	113	2023.7859	¹⁶ O ₃
84	2023.3220	¹⁶ O ₃	114	2023.8012	solar CO
85	2023.3362	solar CO	115	2023.8225	¹⁶ O ₃ ?
86	2023.3432	¹⁶ O ₃	116	2023.8392	¹⁶ O ₃ ?
87	2023.3493	¹⁶ O ₃	117	2023.8441	¹⁶ O ₃
88	2023.3728	¹⁶ O ₃	118	2023.8567	¹⁶ O ₃ + ¹⁶ O ¹⁸ O ¹⁶ O?
89	2023.3817	solar CO	119	2023.8759	¹⁶ O ₃
90	2023.3888	? + ¹⁶ O ¹⁸ O ¹⁶ O	120	2023.8836	¹⁶ O ₃

2022-2024 cm⁻¹ (continued)

Seq. No.	ν (observed) (cm ⁻¹)	Identification
121	2023.8958	?
122	2023.9096	?
123	2023.9191	¹⁶ O ₃
124	2023.9396	¹⁶ O ₃
125	2023.9615	¹⁶ O ₃
126	2023.9749	?
127	2023.9820	?
128	2023.9879	¹⁶ O ¹⁸ O ¹⁶ O