

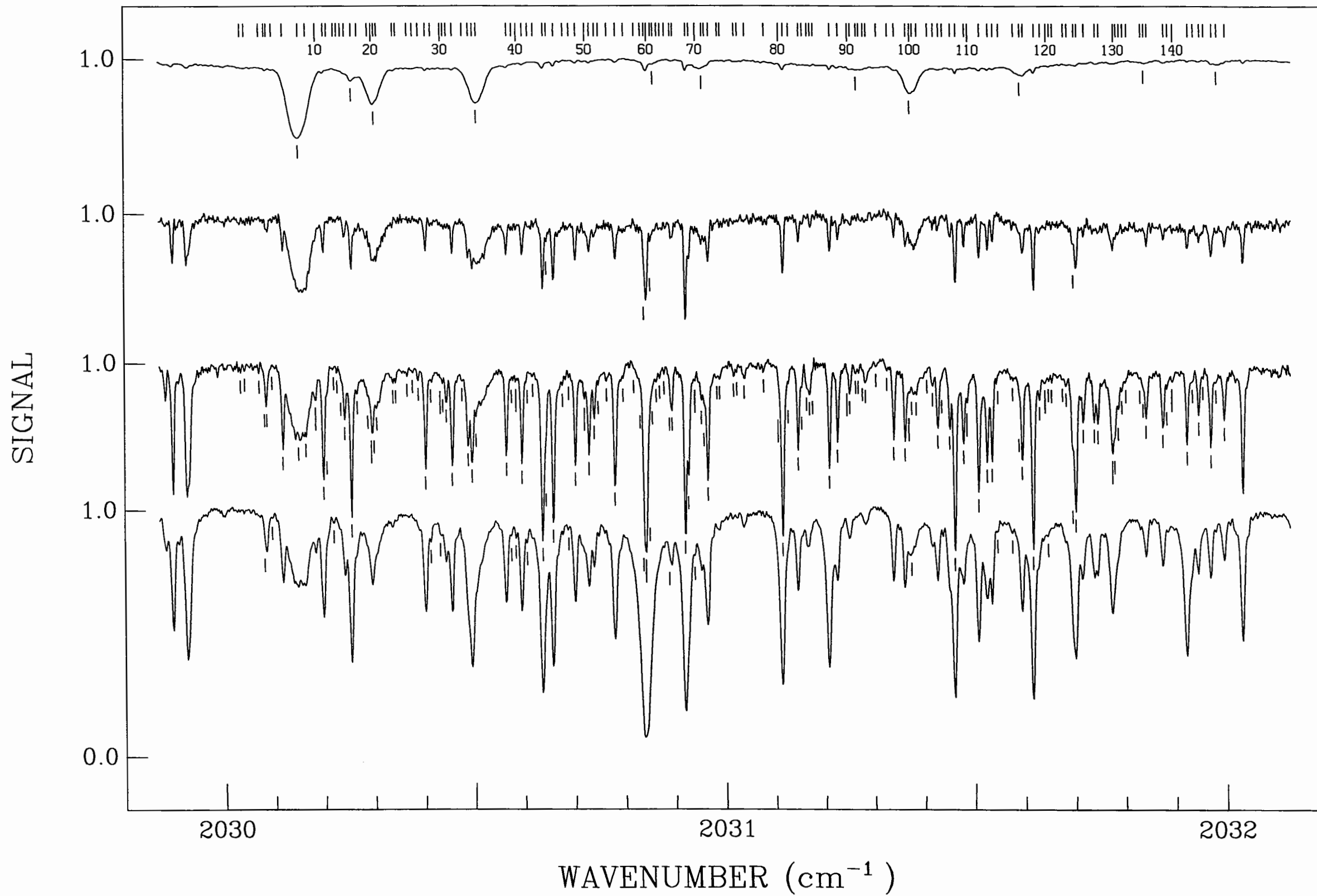
4 JUNE 1990

32.5KM 68.50°

37.08KM 90.64°

37.05KM 92.27°

36.76KM 94.49°



2030-2032 cm⁻¹

Seq. No.	ν (observed) (cm ⁻¹)	Identification	Seq. No.	ν (observed) (cm ⁻¹)	Identification
1	2030.0306	¹⁶ O ₃ ?	31	2030.4342	¹⁶ O ₃
2	2030.0390	?	32	2030.4417	¹⁶ O ¹⁸ O ¹⁶ O
3	2030.0679	?	33	2030.4534	¹⁶ O ₃
4	2030.0795	¹⁶ O ₃	34	2030.4733	¹⁶ O ₃ + ?
5	2030.0829	¹⁶ O ¹⁸ O ¹⁶ O, ¹⁶ O ₃	35	2030.4852	¹⁶ O ₃
6	2030.0939	¹⁶ O ₃ ?	36	2030.4933	CO ₂
7	2030.1157	¹⁶ O ₃	37	2030.5013	solar CO
8	2030.1465	solar CO	38	2030.5619	¹⁶ O ₃
9	2030.1612	CO ₂ ?	39	2030.5721	?
10	2030.1809	¹⁶ O ¹⁸ O ¹⁶ O + ¹⁶ O ₃	40	2030.5809	¹⁶ O ₃
11	2030.1966	¹⁶ O ₃	41	2030.5934	¹⁶ O ₃
12	2030.2036	¹⁶ O ₃	42	2030.6037	?
13	2030.2169	¹⁶ O ₃ ?	43	2030.6142	?
14	2030.2232	?	44	2030.6341	¹⁶ O ₃
15	2030.2315	H ₂ O?	45	2030.6408	¹⁶ O ¹⁸ O ¹⁶ O
16	2030.2391	¹⁶ O ₃	46	2030.6555	¹⁶ O ₃
17	2030.2525	¹⁶ O ₃ + solar CO	47	2030.6738	?
18	2030.2644	¹⁶ O ₃	48	2030.6855	?
19	2030.2855	¹⁶ O ₃ ?	49	2030.6991	¹⁶ O ₃
20	2030.2941	¹⁶ O ₃	50	2030.7168	¹⁶ O ¹⁸ O ¹⁶ O
21	2030.2958	solar CO	51	2030.7258	¹⁶ O ₃
22	2030.3029	?	52	2030.7363	¹⁶ O ¹⁸ O ¹⁶ O
23	2030.3352	¹⁶ O ₃	53	2030.7440	¹⁶ O ₃
24	2030.3405	¹⁶ O ₃	54	2030.7608	?
25	2030.3632	?	55	2030.7778	¹⁶ O ₃
26	2030.3735	?	56	2030.7934	¹⁶ O ₃
27	2030.3854	¹⁶ O ₃	57	2030.8149	OCS?
28	2030.4000	¹⁶ O ₃	58	2030.8269	¹⁶ O ₃ ?
29	2030.4105	¹⁶ O ₃	59	2030.8348	¹⁶ O ₃
30	2030.4296	¹⁶ O ₃ ?	60	2030.8390	CO ₂

2030-2032 cm⁻¹ (continued)

Seq. No.	ν (observed) (cm ⁻¹)	Identification	Seq. No.	ν (observed) (cm ⁻¹)	Identification
61	2030.8472	¹⁶ O ₃	91	2031.2475	¹⁶ O ¹⁸ O ¹⁶ O, ¹⁶ O ₃
62	2030.8518	solar CO	92	2031.2593	? + solar CO?
63	2030.8596	?	93	2031.2643	?
64	2030.8662	¹⁶ O ₃	94	2031.2733	¹⁶ O ₃ + ¹⁶ O ¹⁸ O ¹⁶ O
65	2030.8752	?	95	2031.2798	¹⁶ O ₃
66	2030.8874	¹⁶ O ₃	96	2031.3006	? + ¹⁶ O ₃ ?
67	2030.8905	¹⁶ O ₃	97	2031.3222	¹⁶ O ₃ ?
68	2030.9178	CO ₂	98	2031.3362	¹⁶ O ₃
69	2030.9242	¹⁶ O ₃	99	2031.3589	¹⁶ O ₃
70	2030.9363	?	100	2031.3680	solar CO
71	2030.9497	¹⁶ O ₃ + solar CO	101	2031.3701	OCS? + solar CO
72	2030.9548	¹⁶ O ₃	102	2031.3803	¹⁶ O ₃ ?
73	2030.9624	¹⁶ O ₃	103	2031.4023	¹⁶ O ₃ ?
74	2030.9807	¹⁶ O ₃ ?	104	2031.4136	CO ₂
75	2030.9859	¹⁶ O ¹⁸ O ¹⁶ O	105	2031.4244	¹⁶ O ₃
76	2031.0138	¹⁶ O ₃	106	2031.4320	¹⁶ O ₃ ?
77	2031.0200	¹⁶ O ₃	107	2031.4482	¹⁶ O ₃
78	2031.0346	¹⁶ O ₃	108	2031.4588	¹⁶ O ₃
79	2031.0741	¹⁶ O ₃	109	2031.4758	¹⁶ O ₃
80	2031.1026	CO ₂	110	2031.4831	¹⁶ O ₃
81	2031.1123	¹⁶ O ₃ , ¹⁶ O ¹⁸ O ¹⁶ O	111	2031.5062	¹⁶ O ₃
82	2031.1228	?	112	2031.5230	¹⁶ O ₃ , ¹⁶ O ¹⁸ O ¹⁶ O
83	2031.1434	¹⁶ O ₃	113	2031.5329	¹⁶ O ₃
84	2031.1505	¹⁶ O ₃	114	2031.5443	?
85	2031.1603	¹⁶ O ₃	115	2031.5735	¹⁶ O ₃
86	2031.1658	¹⁶ O ¹⁸ O ¹⁶ O	116	2031.5863	¹⁶ O ₃ + solar CO
87	2031.1720	¹⁶ O ₃ ?	117	2031.5929	¹⁶ O ₃
88	2031.2063	CO ₂ , ¹⁶ O ₃	118	2031.6144	¹⁶ O ₃
89	2031.2229	¹⁶ O ₃	119	2031.6268	¹⁶ O ₃
90	2031.2418	?	120	2031.6378	¹⁶ O ₃

2030-2032 cm⁻¹ (continued)

Seq. No.	ν (observed) (cm ⁻¹)	Identification
121	2031.6440	CO ₂ ?
122	2031.6506	?
123	2031.6722	¹⁶ O ₃ ?
124	2031.6795	¹⁶ O ¹⁸ O ¹⁶ O
125	2031.6930	¹⁶ O ₃
126	2031.6985	¹⁶ O ₃
127	2031.7131	¹⁶ O ¹⁸ O ¹⁶ O, ¹⁶ O ₃ ?
128	2031.7350	¹⁶ O ¹⁸ O ¹⁶ O + ¹⁶ O ₃
129	2031.7425	¹⁶ O ¹⁸ O ¹⁶ O
130	2031.7718	¹⁶ O ₃ + CO ₂
131	2031.7772	¹⁶ O ₃
132	2031.7835	¹⁶ O ¹⁸ O ¹⁶ O
133	2031.7906	¹⁶ O ₃
134	2031.7981	¹⁶ O ₃ ?
135	2031.8263	¹⁶ O ₃
136	2031.8323	¹⁶ O ₃ + solar CO?
137	2031.8391	¹⁶ O ₃
138	2031.8727	¹⁶ O ₃
139	2031.8801	¹⁶ O ₃
140	2031.8899	?
141	2031.9200	CO ₂
142	2031.9305	¹⁶ O ₃ + OCS?
143	2031.9433	¹⁶ O ¹⁸ O ¹⁶ O
144	2031.9519	¹⁶ O ₃ ?
145	2031.9672	¹⁶ O ₃
146	2031.9774	solar CO
147	2031.9944	¹⁶ O ₃