

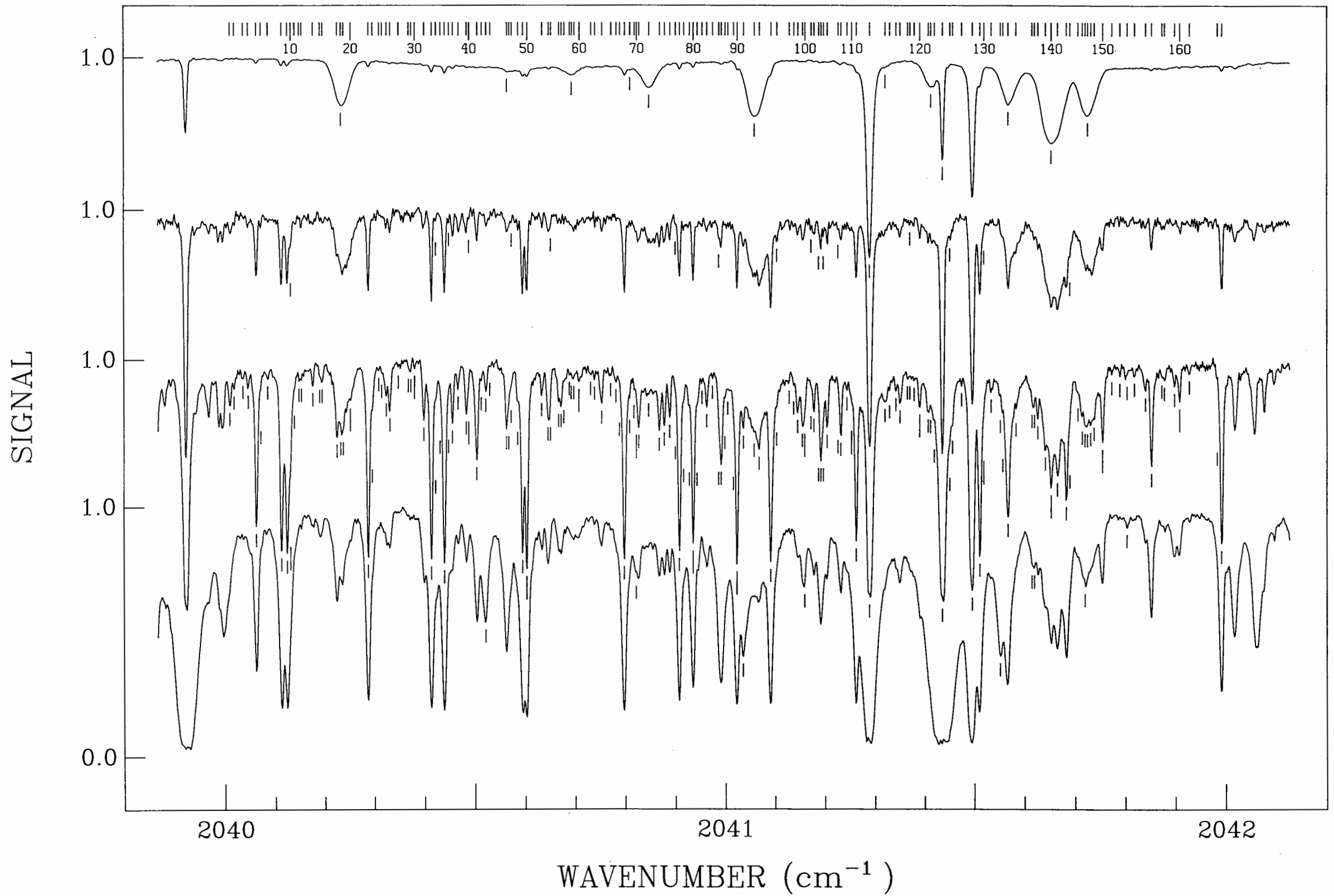
4 JUNE 1990

32.5KM 68.50°

37.08KM 90.64°

37.05KM 92.27°

36.76KM 94.49°



2040-2042 cm⁻¹

Seq. No.	ν (observed) (cm ⁻¹)	Identification	Seq. No.	ν (observed) (cm ⁻¹)	Identification
1	2040.0102	¹⁶ O ₃	30	2040.3801	?
2	2040.0184	¹⁶ O ₃	31	2040.3983	¹⁶ O ₃
3	2040.0360	¹⁶ O ₃	32	2040.4133	¹⁶ O ₃
4	2040.0464	¹⁶ O ₃	33	2040.4217	CO ₂
5	2040.0627	¹⁶ O ₃	34	2040.4305	¹⁶ O ₃ ?
6	2040.0714	? + ¹⁶ O ¹⁸ O ¹⁶ O?	35	2040.4391	¹⁶ O ₃
7	2040.0855	¹⁶ O ₃	36	2040.4475	¹⁶ O ₃
8	2040.1128	¹⁶ O ₃	37	2040.4553	¹⁶ O ₃
9	2040.1243	¹⁶ O ₃ + ¹⁶ O ¹⁸ O ¹⁶ O	38	2040.4664	¹⁶ O ₃
10	2040.1309	¹⁶ O ₃ + ¹⁶ O ¹⁸ O ¹⁶ O	39	2040.4827	¹⁶ O ₃
11	2040.1388	¹⁶ O ₃	40	2040.4873	¹⁶ O ₃
12	2040.1485	¹⁶ O ₃	41	2040.5038	¹⁶ O ₃ , ¹⁶ O ¹⁸ O ¹⁶ O
13	2040.1522	¹⁶ O ₃	42	2040.5125	¹⁶ O ₃ ?
14	2040.1759	¹⁶ O ₃	43	2040.5213	¹⁶ O ₃ , OCS
15	2040.1904	CO ₂	44	2040.5295	?
16	2040.1940	¹⁶ O ₃	45	2040.5624	CO ₂ + ¹⁶ O ¹⁸ O ¹⁶ O? + solar
17	2040.2244	¹⁶ O ₃			CaI
18	2040.2334	solar CO	46	2040.5673	¹⁶ O ₃ ?
19	2040.2351	¹⁶ O ₃ + ¹⁶ O ¹⁸ O ¹⁶ O?	47	2040.5716	¹⁶ O ₃
20	2040.2518	¹⁶ O ₃	48	2040.5849	¹⁶ O ₃
21	2040.2878	¹⁶ O ₃	49	2040.5944	¹⁶ O ₃
22	2040.2958	¹⁶ O ¹⁸ O ¹⁶ O	50	2040.6027	¹⁶ O ₃
23	2040.3087	?	51	2040.6324	¹⁶ O ₃
24	2040.3144	¹⁶ O ₃ ?	52	2040.6465	¹⁶ O ₃
25	2040.3234	¹⁶ O ₃ + ¹⁶ O ¹⁸ O ¹⁶ O?	53	2040.6492	¹⁶ O ₃
26	2040.3306	¹⁶ O ₃	54	2040.6667	¹⁶ O ₃
27	2040.3473	¹⁶ O ₃ ?	55	2040.6714	¹⁶ O ¹⁸ O ¹⁶ O + ¹⁶ O ₃
28	2040.3675	¹⁶ O ₃	56	2040.6768	CO ₂ ?
29	2040.3728	¹⁶ O ₃	57	2040.6888	¹⁶ O ₃ ?

2040-2042 cm⁻¹ (continued)

Seq. No.	ν (observed) (cm ⁻¹)	Identification	Seq. No.	ν (observed) (cm ⁻¹)	Identification
58	2040.6915	solar CO	87	2040.9977	¹⁶ O ₃
59	2040.6954	?	88	2041.0036	¹⁶ O ¹⁸ O ¹⁶ O?
60	2040.7072	¹⁶ O ₃	89	2041.0150	¹⁶ O ₃ ?
61	2040.7302	?	90	2041.0224	¹⁶ O ₃
62	2040.7378	¹⁶ O ₃	91	2041.0354	¹⁶ O ₃ , OCS
63	2040.7520	¹⁶ O ₃	92	2041.0570	solar CO
64	2040.7702	¹⁶ O ₃	93	2041.0671	¹⁶ O ₃ + ¹⁶ O ¹⁸ O ¹⁶ O?
65	2040.7806	¹⁶ O ¹⁸ O ¹⁶ O	94	2041.0901	¹⁶ O ₃
66	2040.7875	¹⁶ O ₃ ? + ¹⁶ O ¹⁸ O ¹⁶ O?	95	2041.1021	¹⁶ O ₃
67	2040.7971	¹⁶ O ₃	96	2041.1272	¹⁶ O ₃
68	2040.8078	¹⁶ O ₃ + solar CO?	97	2041.1364	?
69	2040.8178	¹⁶ O ₃	98	2041.1444	¹⁶ O ₃
70	2040.8205	CO ₂	99	2041.1550	¹⁶ O ₃
71	2040.8262	¹⁶ O ₃	100	2041.1571	¹⁶ O ₃ , CO ₂
72	2040.8462	solar CO	101	2041.1707	¹⁶ O ₃ ?
73	2040.8672	¹⁶ O ₃	102	2041.1767	¹⁶ O ₃
74	2040.8771	¹⁶ O ₃	103	2041.1864	¹⁶ O ₃ ?
75	2040.8878	¹⁶ O ₃	104	2041.1907	¹⁶ O ₃
76	2040.8989	¹⁶ O ₃ ?	105	2041.1955	¹⁶ O ¹⁸ O ¹⁶ O?
77	2040.9072	¹⁶ O ₃	106	2041.2034	¹⁶ O ₃
78	2040.9157	? + ¹⁶ O ¹⁶ O ¹⁸ O?	107	2041.2252	¹⁶ O ₃ ?
79	2040.9269	¹⁶ O ₃	108	2041.2308	¹⁶ O ₃
80	2040.9346	¹⁶ O ₃	109	2041.2433	¹⁶ O ¹⁸ O ¹⁶ O
81	2040.9424	¹⁶ O ₃	110	2041.2524	¹⁶ O ₃ ?
82	2040.9521	¹⁶ O ₃ ?	111	2041.2618	¹⁶ O ₃
83	2040.9614	¹⁶ O ¹⁸ O ¹⁶ O	112	2041.2883	H ₂ O, ¹⁶ O ₃ , CO ₂
84	2040.9730	?	113	2041.3194	¹⁶ O ₃ + solar CO?
85	2040.9857	¹⁶ O ₃	114	2041.3286	¹⁶ O ₃ ? + ¹⁶ O ¹⁸ O ¹⁶ O?
86	2040.9904	CO ₂	115	2041.3413	¹⁶ O ₃

2040-2042 cm⁻¹ (continued)

Seq. No.	ν (observed) (cm ⁻¹)	Identification	Seq. No.	ν (observed) (cm ⁻¹)	Identification
116	2041.3495	CO ₂ + ¹⁶ O ₃	145	2041.7138	¹⁶ O ¹⁸ O ¹⁶ O? + ¹⁶ O ₃ ?
117	2041.3649	?	146	2041.7207	CO ₂
118	2041.3691	CO ₂ ?	147	2041.7228	solar CO
119	2041.3780	¹⁶ O ₃ ?	148	2041.7306	¹⁶ O ₃ ?
120	2041.3892	¹⁶ O ₃	149	2041.7371	¹⁶ O ₃ ?
121	2041.4067	¹⁶ O ₃	150	2041.7539	¹⁶ O ₃
122	2041.4112	solar CO	151	2041.7726	¹⁶ O ₃
123	2041.4189	¹⁶ O ₃ ?	152	2041.7886	¹⁶ O ₃
124	2041.4352	CO ₂ + ¹⁶ O ₃	153	2041.8028	¹⁶ O ₃
125	2041.4501	¹⁶ O ₃ ?	154	2041.8175	¹⁶ O ¹⁸ O ¹⁶ O + ?
126	2041.4557	¹⁶ O ₃	155	2041.8397	¹⁶ O ₃
127	2041.4739	?	156	2041.8519	¹⁶ O ₃
128	2041.4954	H ₂ O + ¹⁶ O ₃	157	2041.8732	?
129	2041.5107	¹⁶ O ₃ + H ₂ O	158	2041.8768	¹⁶ O ₃
130	2041.5186	¹⁶ O ₃ ?	159	2041.8976	CO ₂
131	2041.5329	¹⁶ O ₃	160	2041.9076	¹⁶ O ¹⁸ O ¹⁶ O + ¹⁶ O ₃ ? + ?
132	2041.5521	OCS	161	2041.9269	¹⁶ O ₃
133	2041.5555	¹⁶ O ₃	162	2041.9827	¹⁶ O ₃ ?
134	2041.5665	¹⁶ O ₃ + ¹⁶ O ¹⁸ O ¹⁶ O + solar CO	163	2041.9913	¹⁶ O ₃
135	2041.5823	¹⁶ O ₃ ? + ¹⁶ O ¹⁸ O ¹⁶ O?			
136	2041.6157	¹⁶ O ₃			
137	2041.6178	¹⁶ O ¹⁸ O ¹⁶ O			
138	2041.6260	¹⁶ O ₃			
139	2041.6408	¹⁶ O ₃			
140	2041.6523	¹⁶ O ₃ + solar CO			
141	2041.6647	CO, ¹⁶ O ₃			
142	2041.6823	¹⁶ O ₃			
143	2041.6892	CO?			
144	2041.7053	¹⁶ O ₃ ?			