

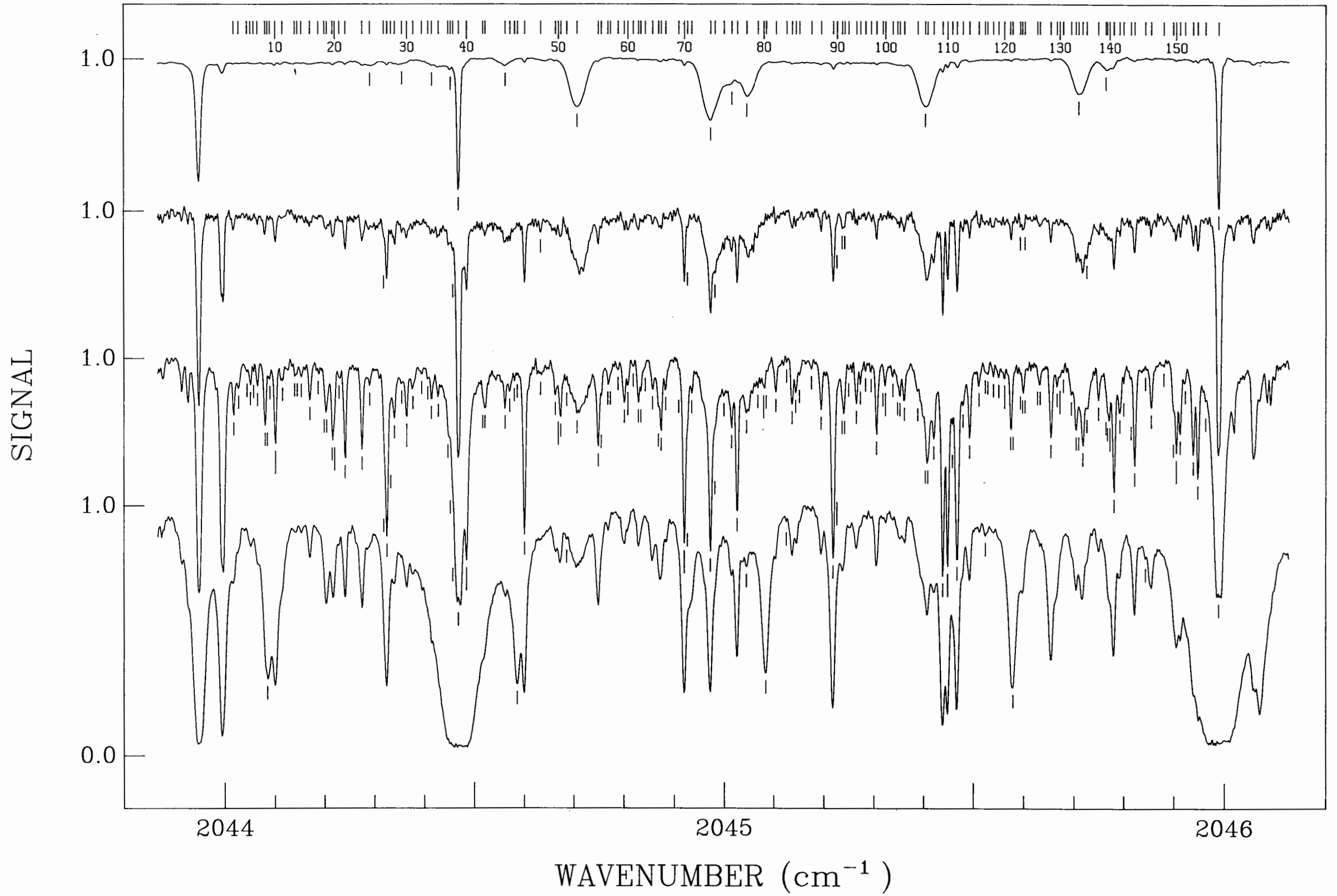
4 JUNE 1990

32.5KM 68.50°

37.08KM 90.64°

37.05KM 92.27°

36.76KM 94.49°



2044-2046 cm⁻¹

Seq. No.	ν (observed) (cm ⁻¹)	Identification	Seq. No.	ν (observed) (cm ⁻¹)	Identification
1	2044.0183	¹⁶ O ₃	30	2044.3646	¹⁶ O ₃
2	2044.0280	¹⁶ O ₃	31	2044.3772	¹⁶ O ¹⁸ O ¹⁶ O + ¹⁶ O ₃ ?
3	2044.0445	¹⁶ O ₃ ?	32	2044.3943	¹⁶ O ¹⁸ O ¹⁶ O?
4	2044.0514	¹⁶ O ₃	33	2044.4067	¹⁶ O ₃
5	2044.0576	¹⁶ O ₃ ?	34	2044.4139	¹⁶ O ¹⁸ O ¹⁶ O + solar CO?
6	2044.0652	¹⁶ O ₃	35	2044.4278	¹⁶ O ₃
7	2044.0807	¹⁶ O ₃	36	2044.4489	¹⁶ O ₃
8	2044.0858	OCS	37	2044.4508	solar CaI
9	2044.0892	¹⁶ O ₃ ?	38	2044.4569	¹⁶ O ₃ ?
10	2044.1010	CO ₂	39	2044.4681	CO ₂ + ¹⁶ O ₃
11	2044.1152	CO ₂	40	2044.4842	¹⁶ O ₃
12	2044.1397	¹⁶ O ₃	41	2044.5165	CO ₂
13	2044.1437	¹⁶ O ¹⁸ O ¹⁶ O	42	2044.5206	¹⁶ O ₃
14	2044.1525	¹⁶ O ¹⁸ O ¹⁶ O? + ¹⁶ O ₃ ?	43	2044.5614	¹⁶ O ₃ + solar CO
15	2044.1699	¹⁶ O ¹⁸ O ¹⁶ O	44	2044.5711	¹⁶ O ¹⁸ O ¹⁶ O + ¹⁶ O ₃
16	2044.1870	¹⁶ O ₃ ? + CO ₂ ?	45	2044.5804	¹⁶ O ₃ ?
17	2044.1996	¹⁶ O ₃ ?	46	2044.5861	OCS
18	2044.2029	CO ₂ + ¹⁶ O ₃	47	2044.6003	¹⁶ O ₃
19	2044.2162	¹⁶ O ₃	48	2044.6330	¹⁶ O ¹⁸ O ¹⁶ O?
20	2044.2184	¹⁶ O ₃	49	2044.6631	¹⁶ O ₃
21	2044.2287	¹⁶ O ₃	50	2044.6693	¹⁶ O ¹⁸ O ¹⁶ O?
22	2044.2410	¹⁶ O ₃	51	2044.6735	¹⁶ O ₃
23	2044.2750	¹⁶ O ₃	52	2044.6857	CO ₂ ?
24	2044.2902	¹⁶ O ¹⁸ O ¹⁶ O + solar CO?	53	2044.7064	solar CO
25	2044.3182	¹⁶ O ₃	54	2044.7489	¹⁶ O ₃
26	2044.3247	¹⁶ O ₃	55	2044.7552	¹⁶ O ¹⁸ O ¹⁶ O
27	2044.3323	¹⁶ O ₃ ?	56	2044.7692	¹⁶ O ₃
28	2044.3398	¹⁶ O ₃	57	2044.7721	¹⁶ O ₃ ?
29	2044.3544	? + solar CO?	58	2044.7884	¹⁶ O ₃ ?

2044-2046 cm⁻¹ (continued)

Seq. No.	ν (observed) (cm ⁻¹)	Identification	Seq. No.	ν (observed) (cm ⁻¹)	Identification
59	2044.8007	¹⁶ O ₃ , CO ₂	87	2045.1744	? + ¹⁶ O ₃ ?
60	2044.8076	¹⁶ O ₃	88	2045.1939	¹⁶ O ₃
61	2044.8185	?	89	2045.2180	¹⁶ O ₃
62	2044.8289	¹⁶ O ₃	90	2045.2256	¹⁶ O ¹⁸ O ¹⁶ O?
63	2044.8338	¹⁶ O ₃	91	2045.2365	¹⁶ O ₃
64	2044.8427	¹⁶ O ¹⁶ O ¹⁸ O?	92	2045.2401	¹⁶ O ₃
65	2044.8571	CO ₂ , ¹⁶ O ₃ + ¹⁶ O ¹⁸ O ¹⁶ O?	93	2045.2486	¹⁶ O ¹⁸ O ¹⁶ O?
66	2044.8690	¹⁶ O ₃	94	2045.2644	¹⁶ O ₃
67	2044.8740	¹⁶ O ₃	95	2045.2724	¹⁶ O ¹⁸ O ¹⁶ O
68	2044.8829	¹⁶ O ¹⁸ O ¹⁶ O	96	2045.2827	¹⁶ O ₃ ?
69	2044.9087	¹⁶ O ¹⁸ O ¹⁶ O?	97	2045.2937	¹⁶ O ¹⁸ O ¹⁶ O?
70	2044.9197	¹⁶ O ₃	98	2045.3048	¹⁶ O ₃
71	2044.9259	¹⁶ O ₃ + ¹⁶ O ¹⁸ O ¹⁶ O	99	2045.3182	¹⁶ O ₃
72	2044.9344	CO ₂	100	2045.3220	¹⁶ O ₃
73	2044.9718	¹⁶ O ₃ + solar CO	101	2045.3373	¹⁶ O ₃
74	2044.9806	¹⁶ O ₃	102	2045.3471	?
75	2044.9987	?	103	2045.3511	¹⁶ O ¹⁸ O ¹⁶ O + CO ₂ ? +
76	2045.0143	¹⁶ O ₃ + solar CO + ¹⁶ O ¹⁸ O ¹⁶ O?			¹⁶ O ¹⁶ O ¹⁸ O?
77	2045.0257	¹⁶ O ₃ + ¹⁶ O ¹⁸ O ¹⁶ O?	104	2045.3604	¹⁶ O ₃
78	2045.0444	¹⁶ O ₃ + solar CO	105	2045.3876	¹⁶ O ₃ ?
79	2045.0672	¹⁶ O ₃ ?	106	2045.4039	solar CO
80	2045.0795	¹⁶ O ¹⁸ O ¹⁶ O + ¹⁶ O ₃	107	2045.4071	¹⁶ O ₃
81	2045.0829	OCS	108	2045.4201	¹⁶ O ₃
82	2045.1033	¹⁶ O ₃	109	2045.4382	¹⁶ O ₃
83	2045.1246	¹⁶ O ₃ ?	110	2045.4481	¹⁶ O ₃
84	2045.1357	¹⁶ O ₃	111	2045.4577	¹⁶ O ¹⁸ O ¹⁶ O?
85	2045.1432	¹⁶ O ¹⁸ O ¹⁶ O	112	2045.4671	¹⁶ O ₃
86	2045.1504	¹⁶ O ₃	113	2045.4791	¹⁶ O ¹⁸ O ¹⁶ O
			114	2045.4924	¹⁶ O ₃

2044-2046 cm⁻¹ (continued)

Seq. No.	ν (observed) (cm ⁻¹)	Identification	Seq. No.	ν (observed) (cm ⁻¹)	Identification
115	2045.5110	¹⁶ O ₃	144	2045.8145	¹⁶ O ₃
116	2045.5232	CO ₂	145	2045.8217	¹⁶ O ₃
117	2045.5280	¹⁶ O ₃ ?	146	2045.8433	¹⁶ O ₃ ? + ¹⁶ O ¹⁶ O ¹⁸ O?
118	2045.5392	¹⁶ O ₃	147	2045.8549	¹⁶ O ₃
119	2045.5498	¹⁶ O ¹⁸ O ¹⁶ O + ¹⁶ O ₃ ?	148	2045.8800	?
120	2045.5613	¹⁶ O ¹⁸ O ¹⁶ O	149	2045.8989	¹⁶ O ₃ + ¹⁶ O ¹⁸ O ¹⁶ O
121	2045.5745	¹⁶ O ₃	150	2045.9048	¹⁶ O ₃
122	2045.5772	OCS	151	2045.9123	¹⁶ O ₃
123	2045.5935	¹⁶ O ₃ ?	152	2045.9225	¹⁶ O ₃
124	2045.5987	CO ₂	153	2045.9383	¹⁶ O ₃ + ¹⁶ O ¹⁸ O ¹⁶ O
125	2045.6015	¹⁶ O ₃ ?	154	2045.9475	¹⁶ O ₃ + ¹⁶ O ¹⁸ O ¹⁶ O
126	2045.6280	¹⁶ O ₃ ?	155	2045.9631	¹⁶ O ₃
127	2045.6318	¹⁶ O ¹⁸ O ¹⁶ O	156	2045.9886	CO ₂ + ¹⁶ O ₃
128	2045.6537	CO ₂ + ¹⁶ O ₃ ?			
129	2045.6660	CO ₂			
130	2045.6716	¹⁶ O ₃ ?			
131	2045.6785	¹⁶ O ₃ ?			
132	2045.6947	¹⁶ O ¹⁸ O ¹⁶ O			
133	2045.7039	¹⁶ O ₃			
134	2045.7093	solar CO			
135	2045.7174	¹⁶ O ₃			
136	2045.7253	¹⁶ O ₃			
137	2045.7483	¹⁶ O ₃			
138	2045.7652	solar CO			
139	2045.7660	¹⁶ O ¹⁸ O ¹⁶ O?			
140	2045.7692	¹⁶ O ₃			
141	2045.7796	¹⁶ O ₃ , CO			
142	2045.7916	¹⁶ O ¹⁸ O ¹⁶ O			
143	2045.7997	¹⁶ O ₃ ?			