

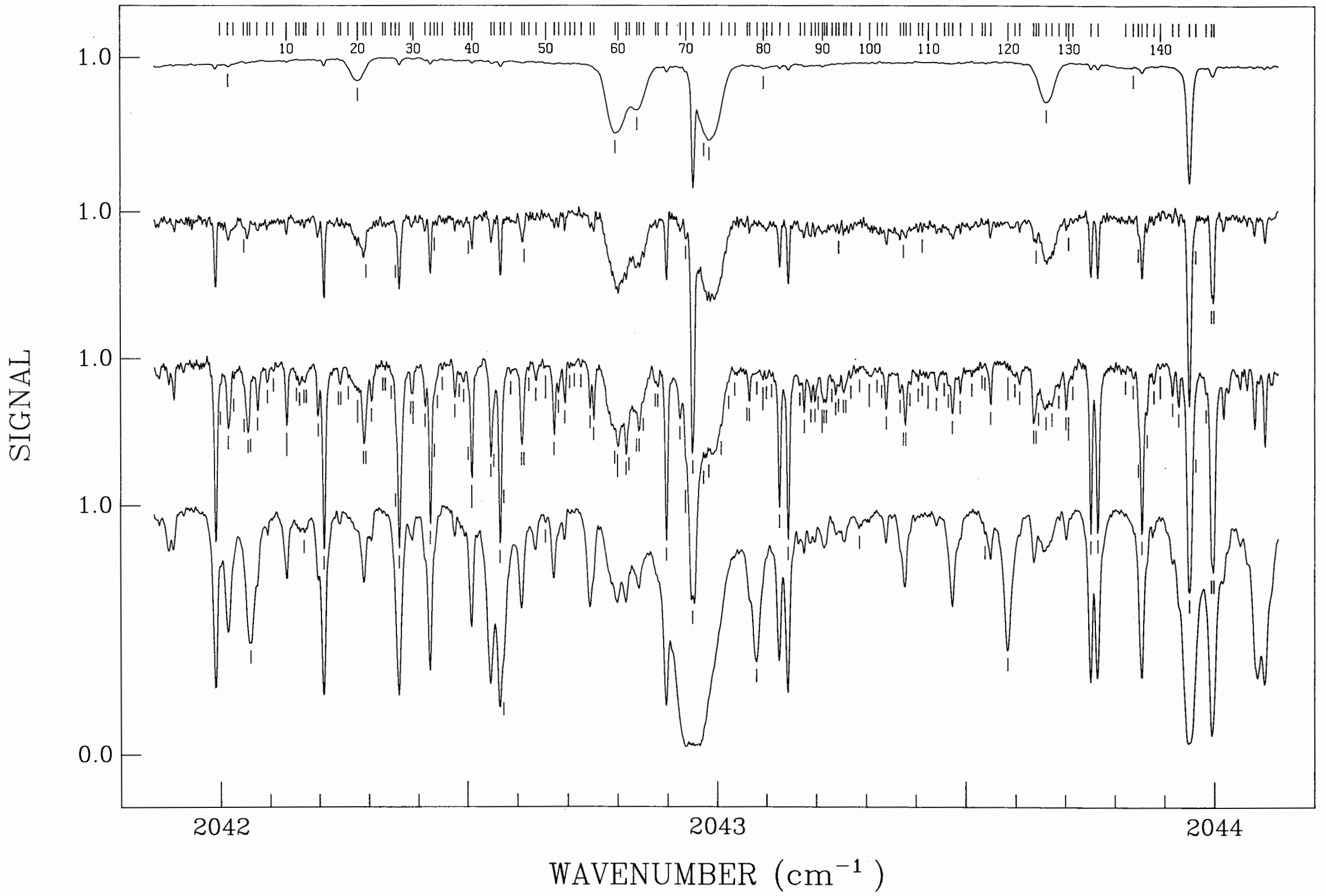
4 JUNE 1990

32.5KM 68.50°

37.08KM 90.64°

37.05KM 92.27°

36.76KM 94.49°



2042-2044 cm⁻¹

Seq. No.	ν (observed) (cm ⁻¹)	Identification	Seq. No.	ν (observed) (cm ⁻¹)	Identification
1	2042.0008	¹⁶ O ¹⁸ O ¹⁶ O?	29	2042.3856	¹⁶ O ₃
2	2042.0168	CO ₂ + ¹⁶ O ₃ + solar CO? + ¹⁶ O ¹⁸ O ¹⁶ O?	30	2042.3890	CO ₂
3	2042.0277	CO	31	2042.4138	¹⁶ O ₃
4	2042.0484	¹⁶ O ₃ ?	32	2042.4242	¹⁶ O ₃
5	2042.0565	¹⁶ O ₃ + ¹⁶ O ¹⁸ O ¹⁶ O	33	2042.4324	¹⁶ O ₃ ?
6	2042.0608	OCS	34	2042.4385	¹⁶ O ₃
7	2042.0758	¹⁶ O ¹⁸ O ¹⁶ O	35	2042.4486	?
8	2042.0959	¹⁶ O ₃	36	2042.4744	¹⁶ O ₃
9	2042.1080	?	37	2042.4832	¹⁶ O ₃ ?
10	2042.1342	¹⁶ O ₃	38	2042.4920	¹⁶ O ₃
11	2042.1541	?	39	2042.5014	¹⁶ O ₃ ?
12	2042.1605	¹⁶ O ₃	40	2042.5084	¹⁶ O ₃
13	2042.1699	¹⁶ O ₃	41	2042.5468	CO ₂
14	2042.1741	¹⁶ O ¹⁸ O ¹⁶ O?	42	2042.5529	¹⁶ O ¹⁸ O ¹⁶ O?
15	2042.1982	¹⁶ O ₃	43	2042.5653	¹⁶ O ₃ + ¹⁶ O ¹⁸ O ¹⁶ O?
16	2042.2098	¹⁶ O ₃	44	2042.5728	OCS + ¹⁶ O ₃ ?
17	2042.2394	¹⁶ O ¹⁸ O ¹⁶ O	45	2042.5860	¹⁶ O ₃ ?
18	2042.2430	¹⁶ O ₃	46	2042.6084	¹⁶ O ₃
19	2042.2591	¹⁶ O ₃ + ¹⁶ O ¹⁸ O ¹⁶ O?	47	2042.6123	¹⁶ O ₃
20	2042.2783	solar CO	48	2042.6222	?
21	2042.2901	¹⁶ O ₃	49	2042.6362	CO ₂ + ¹⁶ O ¹⁸ O ¹⁶ O?
22	2042.2949	¹⁶ O ₃	50	2042.6554	¹⁶ O ₃
23	2042.3060	¹⁶ O ₃	51	2042.6726	¹⁶ O ₃
24	2042.3285	¹⁶ O ₃ ?	52	2042.6811	¹⁶ O ₃ + ¹⁶ O ¹⁸ O ¹⁶ O?
25	2042.3335	¹⁶ O ₃ ?	53	2042.6937	¹⁶ O ₃
26	2042.3454	¹⁶ O ¹⁸ O ¹⁶ O?	54	2042.7126	?
27	2042.3540	¹⁶ O ¹⁸ O ¹⁶ O	55	2042.7033	¹⁶ O ₃
28	2042.3613	¹⁶ O ₃	56	2042.7259	?
			57	2042.7441	CO ₂

2042-2044 cm⁻¹ (continued)

Seq. No.	ν (observed) (cm ⁻¹)	Identification	Seq. No.	ν (observed) (cm ⁻¹)	Identification
58	2042.7514	¹⁶ O ₃	87	2043.1884	¹⁶ O ₃
59	2042.7937	solar CO	88	2043.1967	¹⁶ O ₃
60	2042.7994	¹⁶ O ₃	89	2043.2032	¹⁶ O ¹⁸ O ¹⁶ O?
61	2042.8163	¹⁶ O ₃	90	2043.2124	¹⁶ O ₃
62	2042.8226	¹⁶ O ₃	91	2043.2149	¹⁶ O ₃
63	2042.8376	solar CO	92	2043.2189	¹⁶ O ₃
64	2042.8427	¹⁶ O ¹⁸ O ¹⁶ O	93	2043.2308	?
65	2042.8512	¹⁶ O ¹⁸ O ¹⁶ O?	94	2043.2386	¹⁶ O ₃ + ¹⁶ O ¹⁸ O ¹⁶ O?
66	2042.8751	¹⁶ O ₃	95	2043.2443	¹⁶ O ₃
67	2042.8804	¹⁶ O ₃	96	2043.2552	CO ₂ + ¹⁶ O ₃
68	2042.8976	¹⁶ O ₃	97	2043.2577	CO ₂ ?
69	2042.9246	¹⁶ O ₃	98	2043.2690	?
70	2042.9359	¹⁶ O ₃ + CO ₂	99	2043.2862	?
71	2042.9505	CO ₂	100	2043.3058	¹⁶ O ¹⁸ O ¹⁶ O? + ¹⁶ O ₃ ?
72	2042.9719	solar CO	101	2043.3213	?
73	2042.9827	solar CO	102	2043.3307	¹⁶ O ₃
74	2043.0074	¹⁶ O ₃ ?	103	2043.3397	¹⁶ O ₃ + CO ₂ ?
75	2043.0229	¹⁶ O ¹⁸ O ¹⁶ O?	104	2043.3675	¹⁶ O ₃
76	2043.0350	¹⁶ O ₃ ?	105	2043.3747	CO ₂
77	2043.0598	¹⁶ O ₃ ?	106	2043.3783	¹⁶ O ¹⁸ O ¹⁶ O
78	2043.0644	¹⁶ O ¹⁸ O ¹⁶ O	107	2043.3874	¹⁶ O ₃
79	2043.0794	OCS	108	2043.4041	¹⁶ O ₃ ?
80	2043.0918	¹⁶ O ¹⁸ O ¹⁶ O?, solar CO? + ¹⁶ O ₃ ?	109	2043.4120	¹⁶ O ₃ ?
81	2043.0989	?	110	2043.4236	?
82	2043.1093	¹⁶ O ₃ ?	111	2043.4402	¹⁶ O ₃
83	2043.1253	¹⁶ O ₃ + ¹⁶ O ¹⁸ O ¹⁶ O?	112	2043.4562	¹⁶ O ¹⁸ O ¹⁶ O?
84	2043.1431	¹⁶ O ₃	113	2043.4644	¹⁶ O ¹⁸ O ¹⁶ O
85	2043.1664	? + ¹⁶ O ₃ ?	114	2043.4728	CO ₂ + ¹⁶ O ¹⁸ O ¹⁶ O
86	2043.1751	¹⁶ O ₃	115	2043.4885	¹⁶ O ₃
			116	2043.5117	¹⁶ O ₃ ?

2042-2044 cm⁻¹ (continued)

Seq. No.	ν (observed) (cm ⁻¹)	Identification	Seq. No.	ν (observed) (cm ⁻¹)	Identification
117	2043.5320	?	147	2043.9976	¹⁶ O ₃ + ¹⁶ O ¹⁶ O ¹⁸ O?
118	2043.5379	?			
119	2043.5493	¹⁶ O ₃			
120	2043.5838	OCS + ¹⁶ O ₃ ?			
121	2043.5977	¹⁶ O ₃ ? + ¹⁶ O ¹⁸ O ¹⁶ O?			
122	2043.6071	¹⁶ O ₃ + ¹⁶ O ¹⁸ O ¹⁶ O?			
123	2043.6353	¹⁶ O ₃			
124	2043.6393	¹⁶ O ₃			
125	2043.6450	¹⁶ O ¹⁸ O ¹⁶ O?			
126	2043.6603	solar CO			
127	2043.6721	¹⁶ O ₃ ?			
128	2043.6864	¹⁶ O ₃			
129	2043.7013	¹⁶ O ₃ + ¹⁶ O ¹⁸ O ¹⁶ O?			
130	2043.7054	¹⁶ O ₃ ?			
131	2043.7143	¹⁶ O ¹⁸ O ¹⁶ O ₃			
132	2043.7503	¹⁶ O ₃			
133	2043.7646	¹⁶ O ₃ + ¹⁶ O ¹⁸ O ¹⁶ O			
134	2043.8208	¹⁶ O ¹⁸ O ¹⁶ O?			
135	2043.8359	? + solar FeI?			
136	2043.8459	¹⁶ O ₃			
137	2043.8535	¹⁶ O ₃			
138	2043.8639	¹⁶ O ₃			
139	2043.8780	¹⁶ O ₃ + ¹⁶ O ¹⁸ O ¹⁶ O?			
140	2043.8909	?			
141	2043.9155	¹⁶ O ₃			
142	2043.9275	¹⁶ O ₃			
143	2043.9492	H ₂ O + ¹⁶ O ¹⁸ O ¹⁶ O + ¹⁶ O ₃ ?			
144	2043.9620	CO ₂ ? + ¹⁶ O ¹⁸ O ¹⁶ O?			
145	2043.9828	¹⁶ O ₃			
146	2043.9949	¹⁶ O ₃ + ¹⁶ O ¹⁸ O ¹⁶ O?			