

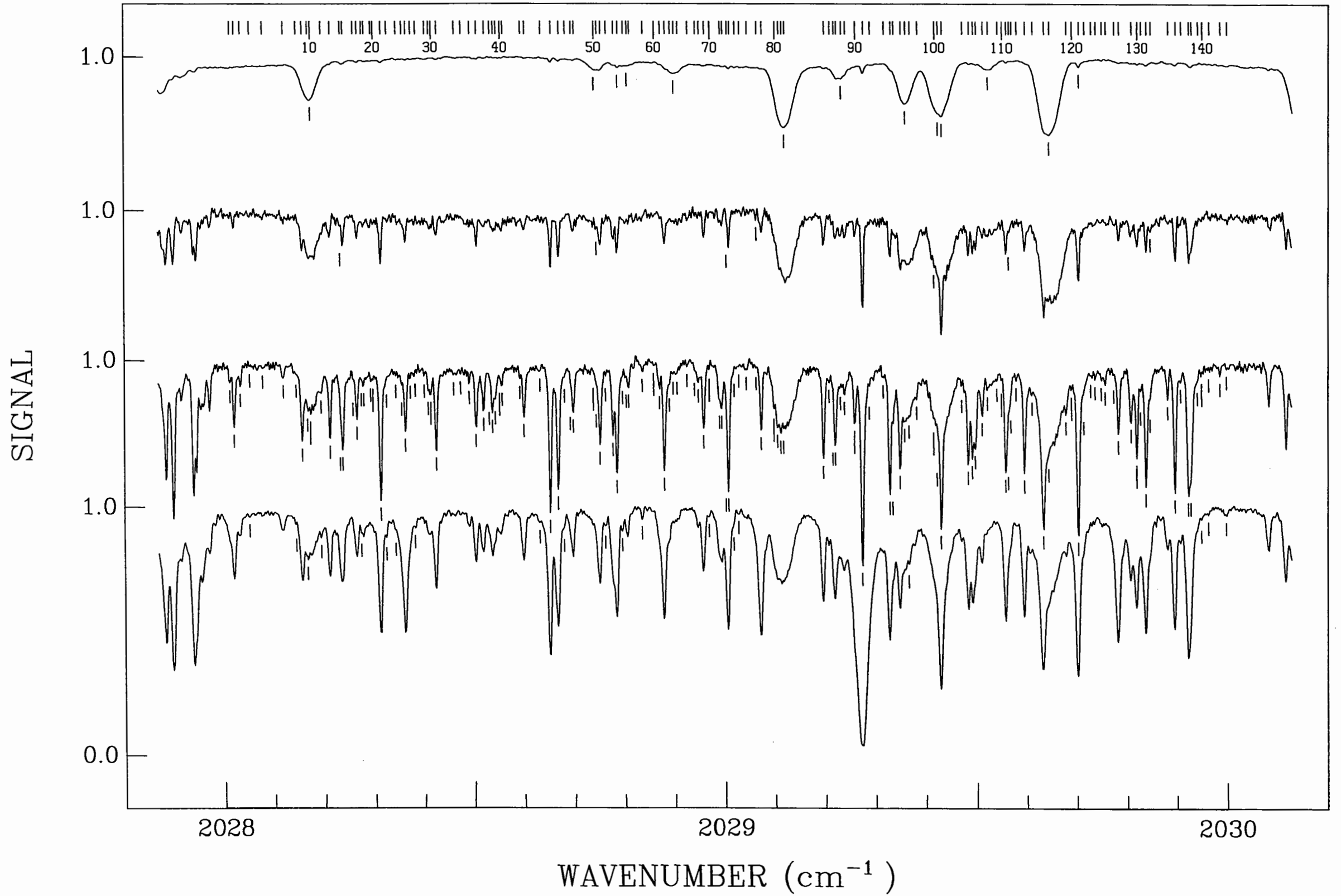
4 JUNE 1990

32.5KM 68.50°

37.08KM 90.64°

37.05KM 92.27°

36.76KM 94.49°



2028-2030 cm⁻¹

Seq. No.	ν (observed) (cm ⁻¹)	Identification	Seq. No.	ν (observed) (cm ⁻¹)	Identification
1	2028.0109	¹⁶ O ¹⁸ O ¹⁶ O	31	2028.4230	¹⁶ O ₃
2	2028.0197	¹⁶ O ₃ + CO ₂ ?	32	2028.4575	¹⁶ O ₃
3	2028.0324	¹⁶ O ₃	33	2028.4716	¹⁶ O ₃ ?
4	2028.0513	?	34	2028.4894	¹⁶ O ¹⁸ O ¹⁶ O
5	2028.0775	¹⁶ O ₃	35	2028.5030	¹⁶ O ₃
6	2028.1182	CO ₂ + ¹⁶ O ₃ ?	36	2028.5180	¹⁶ O ¹⁸ O ¹⁶ O
7	2028.1438	?	37	2028.5288	¹⁶ O ₃
8	2028.1559	¹⁶ O ₃	38	2028.5353	¹⁶ O ¹⁸ O ¹⁶ O, ¹⁶ O ₃
9	2028.1677	?	39	2028.5414	¹⁶ O ¹⁸ O ¹⁶ O
10	2028.1707	solar CO	40	2028.5504	¹⁶ O ₃ ? + OCS?
11	2028.1933	¹⁶ O ₃	41	2028.5536	CO ₂
12	2028.2108	¹⁶ O ₃	42	2028.5897	?
13	2028.2306	¹⁶ O ¹⁸ O ¹⁶ O	43	2028.5984	¹⁶ O ₃
14	2028.2356	¹⁶ O ₃	44	2028.6298	¹⁶ O ₃
15	2028.2560	¹⁶ O ₃ ?	45	2028.6502	¹⁶ O ₃
16	2028.2637	¹⁶ O ₃	46	2028.6664	¹⁶ O ₃
17	2028.2733	?	47	2028.6782	?
18	2028.2771	CO ₂	48	2028.6905	¹⁶ O ₃
19	2028.2913	¹⁶ O ₃ ?	49	2028.6960	¹⁶ O ₃
20	2028.2954	¹⁶ O ₃ ?	50	2028.7358	solar CO
21	2028.3111	¹⁶ O ₃	51	2028.7415	¹⁶ O ₃ + CO ₂ ?
22	2028.3223	?	52	2028.7493	¹⁶ O ₃
23	2028.3408	¹⁶ O ₃	53	2028.7599	¹⁶ O ₃ ?
24	2028.3530	¹⁶ O ₃	54	2028.7750	¹⁶ O ₃
25	2028.3608	CO ₂	55	2028.7831	¹⁶ O ₃ + solar CO?
26	2028.3704	¹⁶ O ₃ ?	56	2028.7941	?
27	2028.3807	¹⁶ O ₃ ?	57	2028.8024	solar CO
28	2028.3991	¹⁶ O ₃ ?	58	2028.8052	¹⁶ O ₃
29	2028.4074	¹⁶ O ₃ + ¹⁶ O ¹⁸ O ¹⁶ O?	59	2028.8337	¹⁶ O ₃
30	2028.4112	¹⁶ O ₃	60	2028.8558	¹⁶ O ₃ ?

2028-2030 cm⁻¹ (continued)

Seq. No.	ν (observed) (cm ⁻¹)	Identification	Seq. No.	ν (observed) (cm ⁻¹)	Identification
61	2028.8675	¹⁶ O ₃	91	2029.2729	CO ₂
62	2028.8773	¹⁶ O ₃	92	2029.2863	¹⁶ O ₃ ?
63	2028.8874	¹⁶ O ₃ + ¹⁶ O ¹⁸ O ¹⁶ O	93	2029.3141	¹⁶ O ₃ ?
64	2028.8948	solar CO	94	2029.3271	¹⁶ O ₃
65	2028.9028	¹⁶ O ₃ ?	95	2029.3330	¹⁶ O ¹⁸ O ¹⁶ O, ¹⁶ O ₃
66	2028.9224	¹⁶ O ₃ ?	96	2029.3478	¹⁶ O ₃
67	2028.9375	¹⁶ O ₃ ?	97	2029.3564	solar CO
68	2028.9447	¹⁶ O ₃	98	2029.3655	¹⁶ O ₃ ?
69	2028.9558	¹⁶ O ₃ , ¹⁶ O ¹⁸ O ¹⁶ O	99	2029.3802	¹⁶ O ₃ ?
70	2028.9667	?	100	2029.4141	¹⁶ O ₃ ?
71	2028.9868	¹⁶ O ¹⁸ O ¹⁶ O	101	2029.4212	solar CO
72	2028.9915	¹⁶ O ₃	102	2029.4289	CO ₂ + solar CO, ¹⁶ O ₃
73	2029.0008	¹⁶ O ₃ ?	103	2029.4690	¹⁶ O ₃ , CO ₂
74	2029.0052	¹⁶ O ₃	104	2029.4818	¹⁶ O ₃ , ¹⁶ O ¹⁸ O ¹⁶ O
75	2029.0167	?	105	2029.4903	¹⁶ O ₃
76	2029.0261	CO ₂ ?	106	2029.4962	¹⁶ O ₃
77	2029.0405	¹⁶ O ₃ ?	107	2029.5093	¹⁶ O ¹⁸ O ¹⁶ O
78	2029.0602	¹⁶ O ₃ ?	108	2029.5200	solar CO, ¹⁶ O ₃ ?
79	2029.0705	CO ₂	109	2029.5392	?
80	2029.0963	¹⁶ O ₃ ?	110	2029.5485	?
81	2029.1038	¹⁶ O ¹⁸ O ¹⁶ O?	111	2029.5573	¹⁶ O ₃
82	2029.1102	¹⁶ O ₃ ?	112	2029.5631	¹⁶ O ₃ ?
83	2029.1157	solar CO	113	2029.5665	¹⁶ O ¹⁸ O ¹⁶ O, ¹⁶ O ₃ ?
84	2029.1946	¹⁶ O ₃	114	2029.5780	?
85	2029.2055	?	115	2029.5945	¹⁶ O ₃
86	2029.2133	¹⁶ O ₃ ?	116	2029.6099	CO ₂
87	2029.2182	¹⁶ O ₃	117	2029.6332	¹⁶ O ₃ , ¹⁶ O ¹⁸ O ¹⁶ O
88	2029.2286	solar CO	118	2029.6435	solar CO
89	2029.2364	CO	119	2029.6780	¹⁶ O ₃
90	2029.2574	¹⁶ O ₃	120	2029.6886	¹⁶ O ₃ ? + OCS?

2028-2030 cm⁻¹ (continued)

Seq. No.	ν (observed) (cm ⁻¹)	Identification
121	2029.7022	¹⁶ O ₃ + solar CO?
122	2029.7126	CO?
123	2029.7259	¹⁶ O ₃ ?
124	2029.7349	¹⁶ O ₃
125	2029.7474	¹⁶ O ₃
126	2029.7554	¹⁶ O ₃
127	2029.7718	¹⁶ O ₃ ?
128	2029.7814	CO ₂
129	2029.8065	¹⁶ O ₃ + ¹⁶ O ¹⁸ O ¹⁶ O
130	2029.8187	¹⁶ O ₃
131	2029.8263	¹⁶ O ₃ ?
132	2029.8372	¹⁶ O ₃
133	2029.8455	CO ₂ , ¹⁶ O ₃
134	2029.8808	¹⁶ O ₃
135	2029.8953	¹⁶ O ₃
136	2029.9067	¹⁶ O ₃ ?
137	2029.9228	¹⁶ O ₃
138	2029.9267	¹⁶ O ₃
139	2029.9404	¹⁶ O ¹⁸ O ¹⁶ O
140	2029.9487	¹⁶ O ₃ ?
141	2029.9630	¹⁶ O ₃ ?
142	2029.9848	?
143	2029.9984	H ₂ O