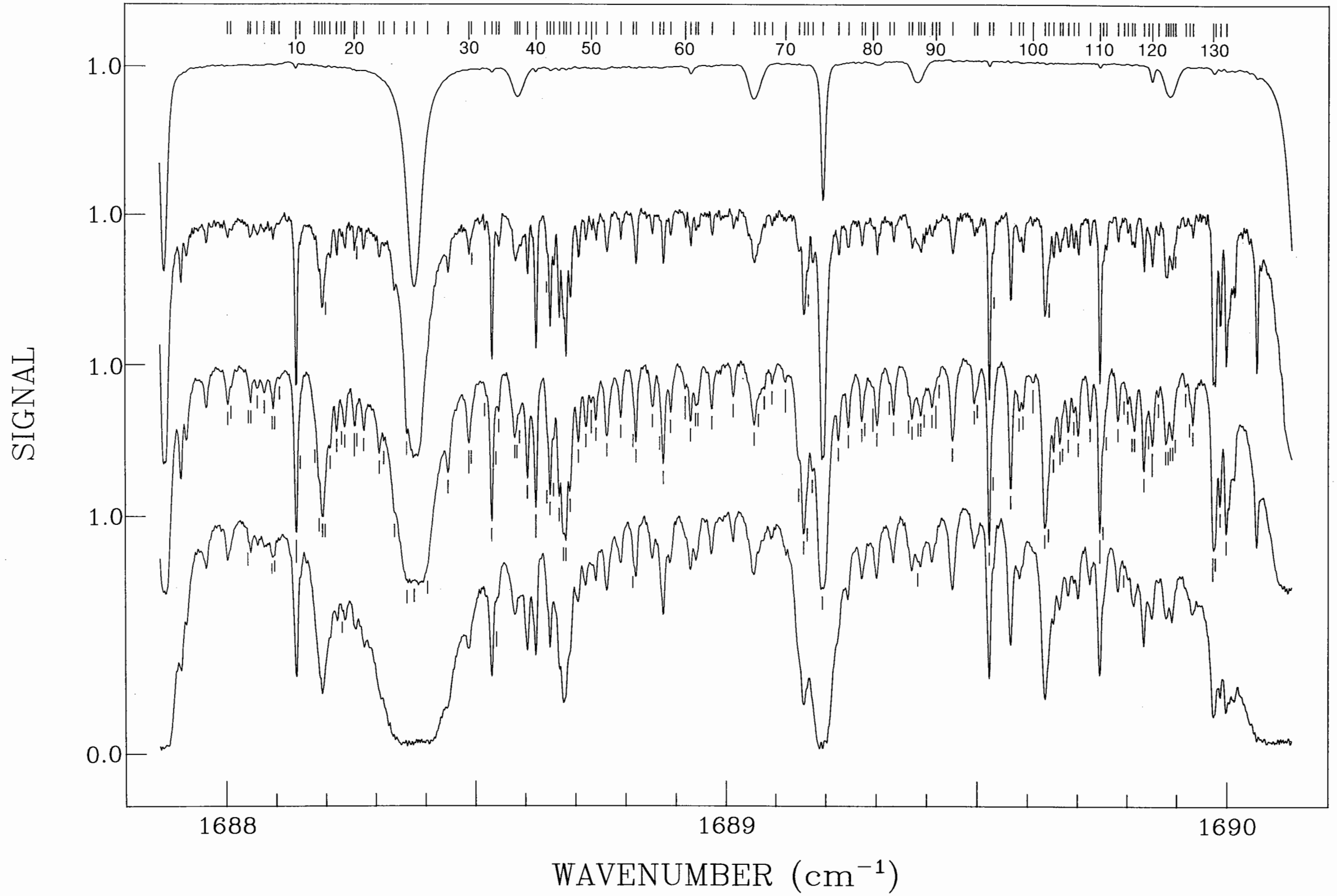


4 JUNE 1990

32.5KM 68.50° 37.0KM 92.97° 37.0KM 93.73° 36.8KM 94.49°



1688-1690 cm⁻¹

Seq. No.	ν (observed) (cm ⁻¹)	Identification	Seq. No.	ν (observed) (cm ⁻¹)	Identification
1	1688.0047	HNO ₃	31	1688.4916	HNO ₃
2	1688.0112	HNO ₃	32	1688.5190	HNO ₃
3	1688.0458	?	33	1688.5334	O ₃ , HNO ₃
4	1688.0499	HNO ₃	34	1688.5419	HNO ₃
5	1688.0637	HNO ₃	35	1688.5471	O ₃ , HNO ₃
6	1688.0775	HNO ₃	36	1688.5792	HNO ₃
7	1688.0944	HNO ₃	37	1688.5841	solar CO
8	1688.0974	?	38	1688.5883	HNO ₃
9	1688.1080	HNO ₃ ?	39	1688.6043	HNO ₃
10	1688.1414	O ₃ , HNO ₃	40	1688.6215	O ₃
11	1688.1496	HNO ₃	41	1688.6436	O ₃
12	1688.1791	HNO ₃	42	1688.6498	O ₃
13	1688.1873	HNO ₃	43	1688.6567	O ₃
14	1688.1939	HNO ₃	44	1688.6678	O ₃
15	1688.1997	HNO ₃	45	1688.6768	HNO ₃
16	1688.2096	HNO ₃	46	1688.6814	O ₃ , HNO ₃
17	1688.2228	HNO ₃	47	1688.6901	O ₃ , HNO ₃
18	1688.2322	HNO ₃ ?	48	1688.7061	HNO ₃ , O ₃
19	1688.2389	HNO ₃	49	1688.7210	HNO ₃
20	1688.2586	HNO ₃	50	1688.7319	HNO ₃
21	1688.2625	?	51	1688.7414	HNO ₃
22	1688.2771	HNO ₃	52	1688.7629	HNO ₃ , O ₃
23	1688.3082	HNO ₃	53	1688.7902	HNO ₃
24	1688.3171	?	54	1688.8148	O ₃
25	1688.3384	HNO ₃ , O ₃	55	1688.8206	O ₃ , HNO ₃
26	1688.3631	O ₃	56	1688.8533	HNO ₃
27	1688.3779	H ₂ O	57	1688.8675	O ₃
28	1688.4048	HNO ₃	58	1688.8747	HNO ₃
29	1688.4451	HNO ₃	59	1688.8892	HNO ₃
30	1688.4870	HNO ₃	60	1688.9187	HNO ₃

1688-1690 cm⁻¹ (continued)

Seq. No.	ν (observed) (cm ⁻¹)	Identification	Seq. No.	ν (observed) (cm ⁻¹)	Identification
61	1688.9294	HNO ₃ , H ₂ O	91	1689.4257	HNO ₃
62	1688.9399	HNO ₃	92	1689.4526	HNO ₃
63	1689.9441	HNO ₃	93	1689.4949	HNO ₃
64	1688.9718	HNO ₃	94	1689.5010	HNO ₃
65	1689.0148	HNO ₃	95	1689.5250	O ₃
66	1689.0568	HNO ₃ , solar CO	96	1689.5329	HNO ₃
67	1689.0656	HNO ₃	97	1689.5682	HNO ₃ , O ₃
68	1689.0771	HNO ₃	98	1689.5847	CH ₄ , HNO ₃
69	1689.0925	HNO ₃	99	1689.5922	O ₃
70	1689.1194	?	100	1689.6120	HNO ₃
71	1689.1466	HNO ₃	101	1689.6357	HNO ₃
72	1689.1567	HNO ₃ , O ₃	102	1689.6430	HNO ₃
73	1689.1638	HNO ₃	103	1689.6529	HNO ₃
74	1689.1736	HNO ₃	104	1689.6661	HNO ₃
75	1689.1941	H ₂ O	105	1689.6714	O ₃
76	1689.2254	HNO ₃	106	1689.6826	HNO ₃
77	1689.2456	HNO ₃	107	1689.6934	O ₃
78	1689.2723	HNO ₃	108	1689.7023	HNO ₃
79	1689.2783	CH ₄	109	1689.7256	HNO ₃
80	1689.2937	HNO ₃	110	1689.7454	O ₃
81	1689.3021	HNO ₃ , CH ₄	111	1689.7519	HNO ₃
82	1689.3266	HNO ₃	112	1689.7586	O ₃
83	1689.3349	HNO ₃	113	1689.7821	HNO ₃
84	1689.3652	HNO ₃	114	1689.7943	?
85	1689.3718	HNO ₃	115	1689.8017	HNO ₃
86	1689.3841	solar CO +?	116	1689.8102	O ₃
87	1689.3888	HNO ₃	117	1689.8152	HNO ₃
88	1689.3956	?	118	1689.8337	HNO ₃
89	1689.4112	HNO ₄	119	1689.8433	HNO ₃
90	1689.4187	CH ₄	120	1689.8507	HNO ₃ , H ₂ O

1688-1690 cm^{-1} (continued)

Seq. No.	ν (observed) (cm^{-1})	Identification
121	1689.8633	O_3
122	1689.8785	O_3
123	1689.8822	HNO_3 , O_3
124	1689.8887	HNO_3 , solar CO
125	1689.8911	HNO_3
126	1689.8970	?
127	1689.9178	O_3
128	1689.9257	?
129	1689.9322	HNO_3
130	1689.9734	O_3 , HNO_3
131	1689.9768	O_3
132	1689.9869	O_3
133	1689.9989	O_3