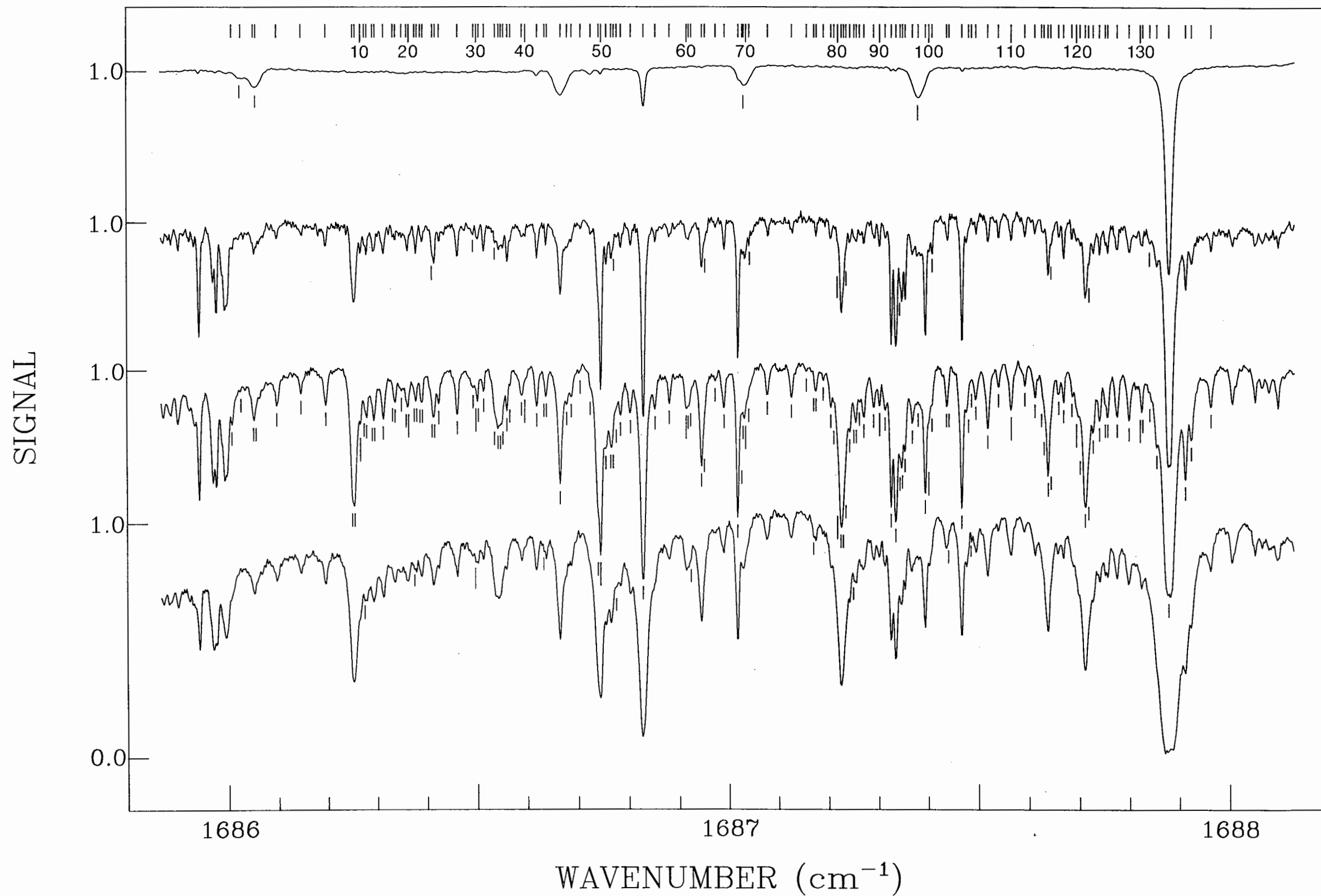


4 JUNE 1990

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



1686-1688 cm⁻¹

Seq. No.	ν (observed) (cm ⁻¹)	Identification	Seq. No.	ν (observed) (cm ⁻¹)	Identification
1	1686.0084	HNO ₃	31	1686.5011	HNO ₃
2	1686.0267	solar?	32	1686.5124	O ₃
3	1686.0523	HNO ₃	33	1686.5343	HNO ₃
4	1686.0551	solar CO	34	1686.5418	HNO ₃
5	1686.0978	HNO ₃	35	1686.5455	HNO ₃
6	1686.1466	HNO ₃	36	1686.5501	HNO ₃
7	1686.1973	HNO ₃	37	1686.5587	O ₃
8	1686.2509	HNO ₃	38	1686.5646	O ₃ ?
9	1686.2554	HNO ₃	39	1686.5877	HNO ₃
10	1686.2667	HNO ₃	40	1686.5944	HNO ₃
11	1686.2750	?	41	1686.6177	H ₂ O, O ₃
12	1686.2789	HNO ₃	42	1686.6329	?
13	1686.2915	HNO ₃	43	1686.6368	HNO ₃
14	1686.2947	HNO ₃	44	1686.6642	HNO ₃ , solar CO
15	1686.3129	HNO ₃	45	1686.6765	HNO ₃
16	1686.3321	HNO ₃ ?	46	1686.6859	HNO ₃
17	1686.3365	HNO ₃	47	1686.7032	O ₃ +?
18	1686.3493	HNO ₃	48	1686.7233	H ₂ O
19	1686.3603	HNO ₃	49	1686.7400	HNO ₃
20	1686.3625	HNO ₃	50	1686.7439	O ₃ , HNO ₃
21	1686.3758	HNO ₃	51	1686.7544	HNO ₃
22	1686.3794	O ₃	52	1686.7645	HNO ₃
23	1686.3874	?	53	1686.7685	HNO ₃
24	1686.3904	HNO ₃	54	1686.7749	HNO ₃
25	1686.4115	O ₃ , HNO ₃	55	1686.7827	HNO ₃
26	1686.4147	O ₃	56	1686.8025	HNO ₃
27	1686.4237	HNO ₃	57	1686.8277	H ₂ O, HNO ₃
28	1686.4600	O ₃ , HNO ₃	58	1686.8513	HNO ₃
29	1686.4914	HNO ₃	59	1686.8791	HNO ₃
30	1686.4973	?	60	1686.9138	HNO ₃

1686-1688 cm⁻¹ (continued)

Seq. No.	ν (observed) (cm ⁻¹)	Identification	Seq. No.	ν (observed) (cm ⁻¹)	Identification
61	1686.9174	HNO ₃	91	1687.3116	HNO ₃
62	1686.9125	HNO ₃ ?	92	1687.3242	O ₃
63	1686.9438	HNO ₃	93	1687.3335	O ₃
64	1686.9498	HNO ₃	94	1687.3431	O ₃
65	1686.9712	HNO ₃	95	1687.3457	O ₃
66	1686.9892	O ₃ , HNO ₃	96	1687.3523	O ₃
67	1687.0173	O ₃	97	1687.3667	HNO ₃
68	1687.0260	HNO ₃ ?	98	1687.3784	solar CO
69	1687.0288	solar CO	99	1687.3928	O ₃
70	1687.0309	HNO ₃	100	1687.4000	HNO ₃
71	1687.0392	HNO ₃ ?	101	1687.4065	O ₃
72	1687.0767	HNO ₃	102	1687.4364	HNO ₃
73	1687.1247	HNO ₃	103	1687.4394	HNO ₃ ?
74	1687.1545	HNO ₃	104	1687.4663	O ₃
75	1687.1696	?	105	1687.4794	HNO ₃
76	1687.1732	HNO ₃	106	1687.4855	?
77	1687.1879	HNO ₃	107	1687.4938	HNO ₃
78	1687.2032	O ₃	108	1687.5178	HNO ₃
79	1687.2091	HNO ₃ ?	109	1687.5389	O ₃
80	1687.2165	?	110	1687.5642	HNO ₃
81	1687.2241	HNO ₃	111	1687.5911	O ₃
82	1687.2281	HNO ₃	112	1687.6108	HNO ₃
83	1687.2331	HNO ₃	113	1687.6249	HNO ₃
84	1687.2408	HNO ₃	114	1687.6270	HNO ₃
85	1687.2502	HNO ₃ ?	115	1687.6366	HNO ₃
86	1687.2538	HNO ₃	116	1687.6422	O ₃ , HNO ₃
87	1687.2607	HNO ₃	117	1687.6578	HNO ₃
88	1687.2692	HNO ₃	118	1687.6673	O ₃
89	1687.2887	HNO ₃	119	1687.6838	HNO ₃
90	1687.3006	O ₃	120	1687.6929	HNO ₃

1686-1688 cm⁻¹ (continued)

Seq. No.	ν (observed) (cm ⁻¹)	Identification
121	1687.7001	O ₃ , HNO ₃
122	1687.7104	HNO ₃
123	1687.7173	HNO ₃
124	1687.7258	HNO ₃
125	1687.7387	HNO ₃
126	1687.7503	O ₃
127	1687.7546	HNO ₃
128	1687.7741	HNO ₃
129	1687.7978	HNO ₃
130	1687.8213	HNO ₃
131	1687.8238	HNO ₃
132	1687.8390	HNO ₃
133	1687.8534	HNO ₃ , O ₃
134	1687.8778	H ₂ O
135	1687.9113	HNO ₃
136	1687.9228	HNO ₃
137	1687.9620	HNO ₃