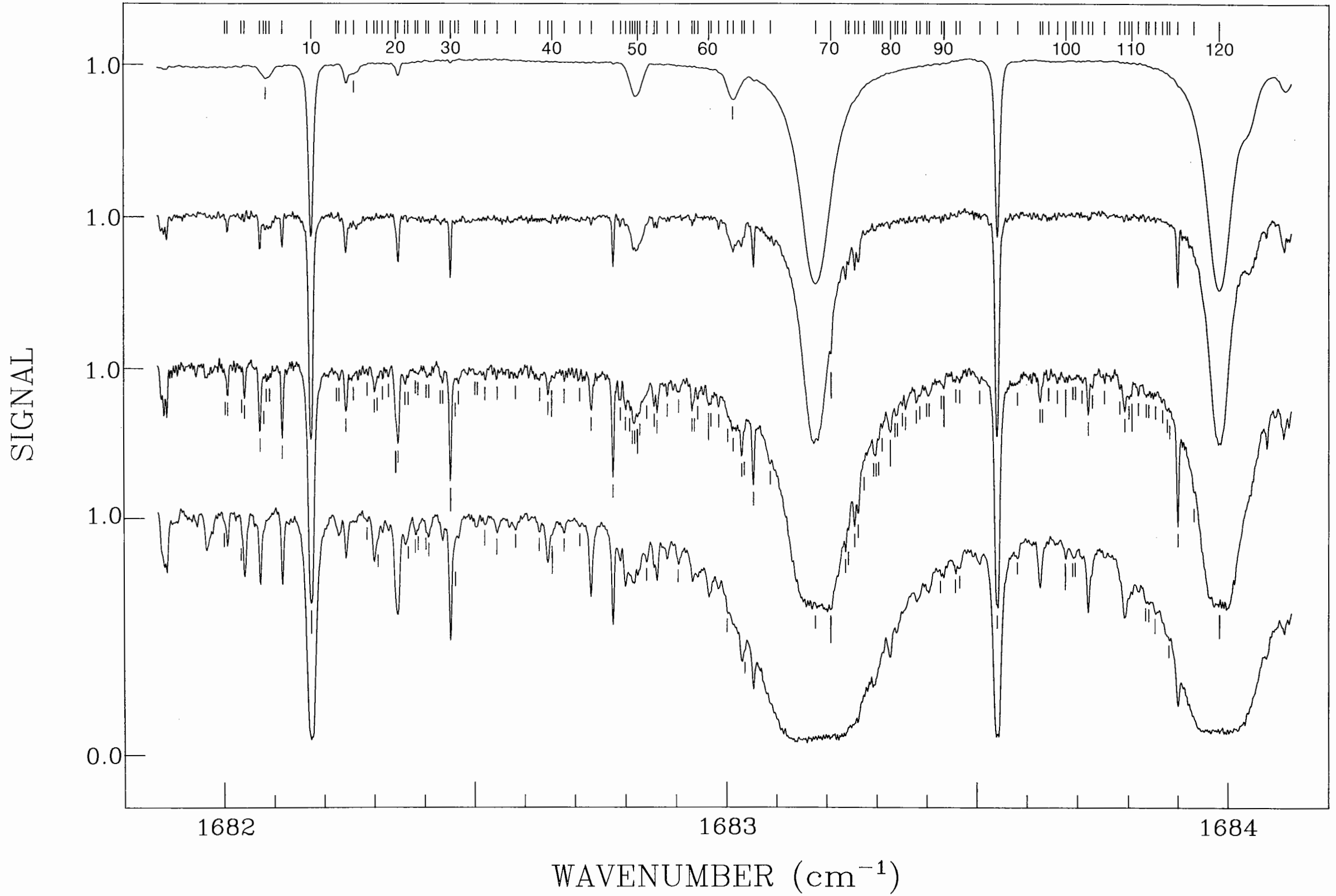


4 JUNE 1990

32.5KM 68.50° 37.0KM 91.42° 37.0KM 92.97° 37.0KM 93.73°



1682-1684 cm⁻¹

Seq. No.	ν (observed) (cm ⁻¹)	Identification	Seq. No.	ν (observed) (cm ⁻¹)	Identification
1	1682.0028	?	31	1682.4611	HNO ₃
2	1682.0077	O ₃	32	1682.4677	HNO ₃
3	1682.0357	?	33	1682.5023	HNO ₃
4	1682.0416	HNO ₃	34	1682.5045	HNO ₃
5	1682.0728	O ₃	35	1682.5208	HNO ₃
6	1682.0813	HNO ₃	36	1682.5450	HNO ₃
7	1682.0842	solar CO	37	1682.5818	HNO ₃
8	1682.0919	?	38	1682.6298	HNO ₃
9	1682.1169	O ₃	39	1682.6459	HNO ₃
10	1682.1748	H ₂ O	40	1682.6536	?
11	1682.2254	HNO ₃	41	1682.6785	HNO ₃
12	1682.2585	solar CO	42	1682.7097	?
13	1682.2303	HNO ₃	43	1682.7322	HNO ₃
14	1682.2441	H ₂ O	44	1682.7754	O ₃
15	1682.2866	HNO ₃	45	1682.7900	O ₃ , HNO ₃
16	1682.3009	HNO ₃	46	1682.8001	HNO ₃
17	1682.3067	HNO ₃	47	1682.8088	HNO ₃
18	1682.3171	HNO ₃	48	1682.8148	HNO ₃
19	1682.3293	HNO ₃	49	1682.8183	HNO ₃ , solar CO
20	1682.3434	HNO ₃	50	1682.8245	HNO ₃
21	1682.3484	H ₂ O	51	1682.8284	HNO ₃ ?
22	1682.3618	HNO ₃	52	1682.8425	HNO ₃
23	1682.3680	HNO ₃	53	1682.8572	O ₃
24	1682.3831	HNO ₃	54	1682.8628	O ₃ , HNO ₃
25	1682.3870	HNO ₃	55	1682.8831	HNO ₃ , O ₃
26	1682.4044	HNO ₃	56	1682.9057	HNO ₃
27	1682.4085	HNO ₃	57	1682.9325	O ₃ , HNO ₃
28	1682.4323	HNO ₃ , O ₃	58	1682.9364	HNO ₃
29	1682.4366	HNO ₃	59	1682.9436	HNO ₃
30	1682.4522	O ₃	60	1682.9653	HNO ₃

1682-1684 cm⁻¹ (continued)

Seq. No.	ν (observed) (cm ⁻¹)	Identification	Seq. No.	ν (observed) (cm ⁻¹)	Identification
61	1682.9692	HNO ₃	91	1683.4579	HNO ₃
62	1682.9851	O ₃	92	1683.4659	HNO ₃
63	1683.0028	HNO ₃	93	1683.5059	HNO ₃
64	1683.0141	solar CO, HNO ₃	94	1683.5409	H ₂ O
65	1683.0309	O ₃ , HNO ₃	95	1683.5813	HNO ₃
66	1683.0363	HNO ₃ ?	96	1683.6268	HNO ₃
67	1683.0543	O ₃	97	1683.6311	?
68	1683.0880	HNO ₃	98	1683.6433	?
69	1683.1782	H ₂ O	99	1683.6608	?
70	1683.2081	O ₃	100	1683.6774	HNO ₃
71	1683.2379	O ₃	101	1683.6928	HNO ₃
72	1683.2440	O ₃	102	1683.6955	HNO ₃
73	1683.2563	O ₃	103	1683.7099	?
74	1683.2630	O ₃	104	1683.7221	HNO ₃
75	1683.2748	HNO ₃	105	1683.7306	HNO ₃
76	1683.2948	HNO ₃	106	1683.7543	HNO ₃ ?
77	1683.2975	HNO ₃	107	1683.7844	HNO ₃
78	1683.3034	HNO ₃	108	1683.7942	HNO ₃
79	1683.3107	HNO ₃	109	1683.8026	HNO ₃ , O ₃
80	1683.3268	HNO ₃	110	1683.8085	HNO ₃
81	1683.3378	HNO ₃	111	1683.8216	HNO ₃
82	1683.3397	HNO ₃	112	1683.8373	HNO ₃
83	1683.3511	HNO ₃ ?	113	1683.8425	HNO ₃
84	1683.3573	HNO ₃	114	1683.8562	HNO ₃
85	1683.3787	HNO ₃	115	1683.8701	HNO ₃
86	1683.3858	HNO ₃	116	1683.8799	HNO ₃
87	1683.4004	HNO ₃	117	1683.8838	HNO ₃
88	1683.4040	HNO ₃	118	1683.9009	O ₃ , HNO ₃
89	1683.4290	?	119	1683.9338	HNO ₃
90	1683.4338	HNO ₃	120	1683.9841	H ₂ O