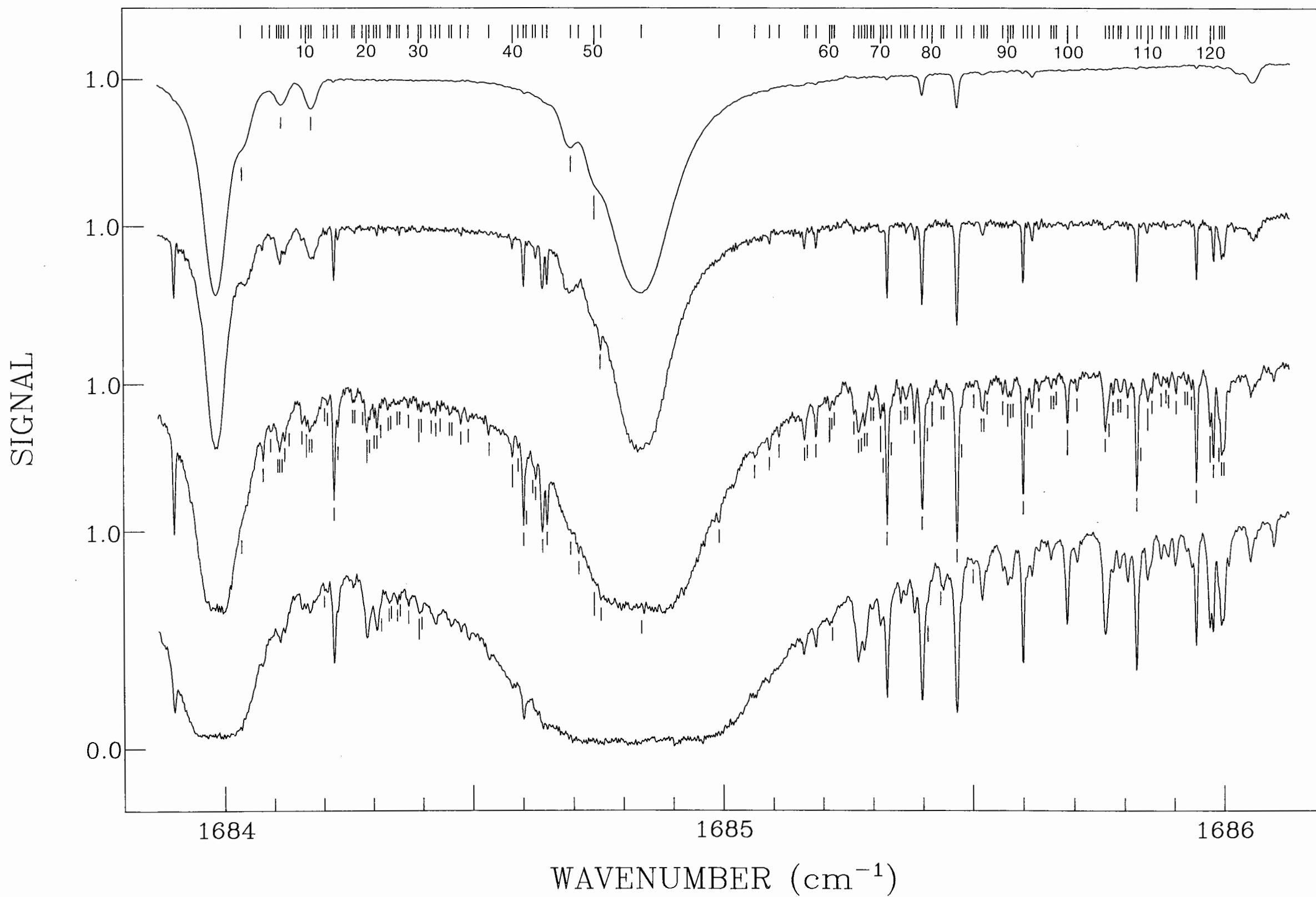


4 JUNE 1990

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



1684-1686 cm⁻¹

Seq. No.	ν (observed) (cm ⁻¹)	Identification	Seq. No.	ν (observed) (cm ⁻¹)	Identification
1	1684.0353	solar CO	31	1684.3976	HNO ₃
2	1684.0789	O ₃ , HNO ₃	32	1684.4178	HNO ₃
3	1684.0942	HNO ₃	33	1684.4272	HNO ₃
4	1684.1091	O ₃	34	1684.4360	HNO ₃
5	1684.1126	O ₃	35	1684.4552	HNO ₃
6	1684.1160	solar CO	36	1684.4583	HNO ₃
7	1684.1226	HNO ₃	37	1684.4769	O ₃
8	1684.1314	HNO ₃	38	1684.4918	HNO ₃
9	1684.1571	O ₃ , HNO ₃	39	1684.5331	HNO ₃
10	1684.1661	HNO ₃	40	1684.5795	O ₃ , HNO ₃
11	1684.1726	HNO ₃	41	1684.5909	HNO ₃ ?
12	1684.1765	solar CO	42	1684.6016	O ₃ , HNO ₃
13	1684.2029	HNO ₃	43	1684.6074	HNO ₃
14	1684.2088	O ₃	44	1684.6197	HNO ₃
15	1684.2222	O ₃	45	1684.6254	O ₃
16	1684.2300	O ₃ , HNO ₃	46	1684.6399	O ₃
17	1684.2597	O ₃	47	1684.6487	O ₃
18	1684.2635	O ₃	48	1684.6952	solar CO
19	1684.2799	HNO ₃	49	1684.7112	HNO ₃
20	1684.2879	HNO ₃	50	1684.7470	solar CO
21	1684.2935	HNO ₃	51	1684.7557	O ₃
22	1684.3031	HNO ₃	52	1684.8370	H ₂ O
23	1684.3086	HNO ₃	53	1684.9917	HNO ₃
24	1684.3161	HNO ₃	54	1685.0627	HNO ₃
25	1684.3317	HNO ₃	55	1685.0920	O ₃
26	1684.3364	HNO ₃	56	1685.1113	HNO ₃ +?
27	1684.3497	HNO ₃	57	1685.1625	O ₃
28	1684.3549	HNO ₃	58	1685.1681	HNO ₃
29	1684.3721	HNO ₃	59	1685.1854	O ₃ , HNO ₃
30	1684.3927	HNO ₃	60	1685.2130	?

1684-1686 cm⁻¹ (continued)

Seq. No.	ν (observed) (cm ⁻¹)	Identification	Seq. No.	ν (observed) (cm ⁻¹)	Identification
61	1685.2176	HNO ₃	91	1685.5758	HNO ₃
62	1685.2221	HNO ₃	92	1685.5791	HNO ₃
63	1685.2617	HNO ₃	93	1685.5998	O ₃
64	1685.2707	HNO ₃	94	1685.6086	HNO ₃
65	1685.2764	HNO ₃	95	1685.6174	H ₂ O
66	1685.2826	HNO ₃	96	1685.6313	O ₃
67	1685.2876	HNO ₃	97	1685.6552	HNO ₃
68	1685.2965	HNO ₃	98	1685.6605	HNO ₃
69	1685.2995	HNO ₃	99	1685.6653	?
70	1685.3145	HNO ₃ , O ₃	100	1685.6872	HNO ₃
71	1685.3196	HNO ₃	101	1685.7056	HNO ₃
72	1685.3274	O ₃	102	1685.7615	HNO ₃
73	1685.3360	HNO ₃	103	1685.7688	HNO ₃
74	1685.3547	HNO ₃	104	1685.7771	HNO ₃
75	1685.3645	O ₃ , HNO ₃	105	1685.7877	HNO ₃
76	1685.3666	HNO ₃	106	1685.7910	HNO ₃
77	1685.3821	O ₃ , HNO ₃	107	1685.8062	HNO ₃
78	1685.3978	H ₂ O	108	1685.8241	O ₃ , HNO ₃
79	1685.4082	HNO ₃	109	1685.8318	HNO ₃
80	1685.4179	O ₃	110	1685.8460	HNO ₃ , O ₃
81	1685.4370	HNO ₃	111	1685.8544	HNO ₃
82	1685.4408	HNO ₃	112	1685.8727	HNO ₃
83	1685.4678	H ₂ O	113	1685.8834	HNO ₃
84	1685.4770	HNO ₃	114	1685.8866	HNO ₃
85	1685.5016	HNO ₃	115	1685.9031	HNO ₃
86	1685.5180	HNO ₃	116	1685.9217	HNO ₃
87	1685.5205	H ₂ O, HNO ₃	117	1685.9250	HNO ₃
88	1685.5289	HNO ₃	118	1685.9341	HNO ₃
89	1685.5598	HNO ₃	119	1685.9440	O ₃
90	1685.5696	HNO ₃	120	1685.9713	HNO ₃

1684-1686 cm^{-1} (continued)

Seq. No.	ν (observed) (cm^{-1})	Identification
121	1685.9780	O_3
122	1685.9893	O_3
123	1685.9945	O_3
124	1685.9983	O_3