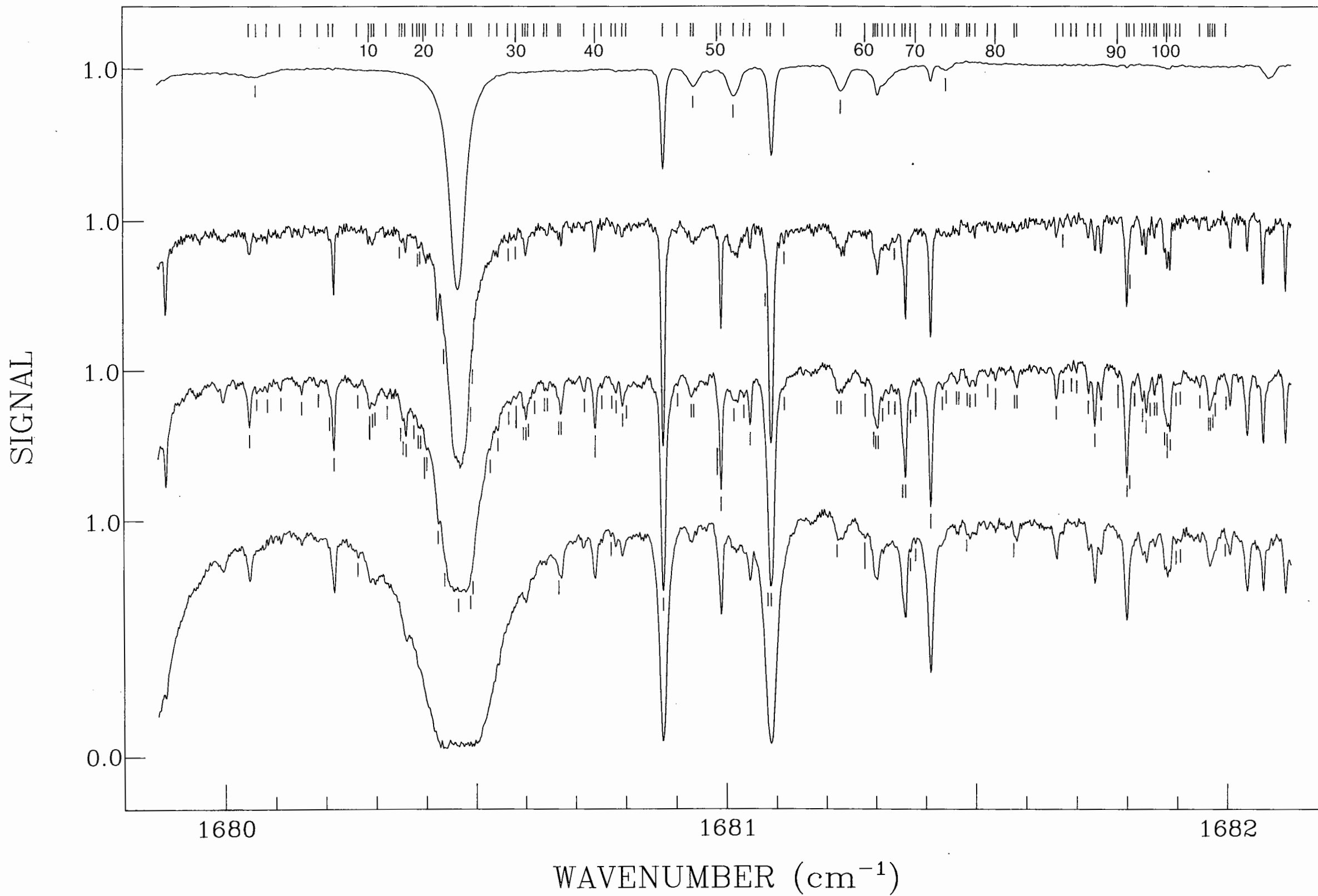


4 JUNE 1990

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



1680-1682 cm⁻¹

Seq. No.	ν (observed) (cm ⁻¹)	Identification	Seq. No.	ν (observed) (cm ⁻¹)	Identification
1	1680.0501	O ₃	31	1680.5965	O ₃
2	1680.0620	solar?	32	1680.6019	O ₃ , HNO ₃
3	1680.0860	HNO ₃	33	1680.6068	HNO ₃ ?
4	1680.1125	HNO ₃	34	1680.6191	HNO ₃
5	1680.1541	HNO ₃	35	1680.6387	HNO ₃
6	1680.1878	HNO ₃	36	1680.6447	O ₃
7	1680.2097	HNO ₃	37	1680.6673	HNO ₃
8	1680.2185	O ₃ , HNO ₃	38	1680.6719	HNO ₃
9	1680.2662	HNO ₃ +?	39	1680.7184	HNO ₃
10	1680.2897	HNO ₃	40	1680.7395	HNO ₃
11	1680.2959	O ₃ , HNO ₃	41	1680.7532	HNO ₃
12	1680.2993	HNO ₃	42	1680.7735	HNO ₃
13	1680.3245	HNO ₃	43	1680.7818	HNO ₃ , H ₂ O
14	1680.3518	HNO ₃	44	1680.7945	HNO ₃
15	1680.3547	HNO ₃	45	1680.8025	HNO ₃
16	1680.3618	HNO ₃	46	1680.8754	H ₂ O
17	1680.3773	?	47	1680.9038	HNO ₃
18	1680.3864	HNO ₃	48	1680.9310	HNO ₃
19	1680.3902	?	49	1680.9356	solar CO
20	1680.3985	HNO ₃	50	1680.9825	HNO ₃
21	1680.4027	O ₃	51	1680.9903	O ₃ , HNO ₃
22	1680.4249	O ₃ , HNO ₃	52	1681.0157	solar CO
23	1680.4377	O ₃	53	1681.0357	HNO ₃
24	1680.4651	H ₂ O	54	1681.0482	HNO ₃ , O ₃
25	1680.4895	O ₃	55	1681.0830	HNO ₃
26	1680.4936	O ₃	56	1681.0895	H ₂ O
27	1680.5290	HNO ₃	57	1681.1161	?
28	1680.5453	O ₃	58	1681.2226	HNO ₃
29	1680.5667	HNO ₃ ?	59	1681.2303	solar CO
30	1680.5822	HNO ₃	60	1681.2791	HNO ₃

1680-1682 cm⁻¹ (continued)

Seq. No.	ν (observed) (cm ⁻¹)	Identification	Seq. No.	ν (observed) (cm ⁻¹)	Identification
61	1681.2973	HNO ₃	91	1681.8014	O ₃ , HNO ₃
62	1681.3002	HNO ₃	92	1681.8062	HNO ₃
63	1681.3041	H ₂ O	93	1681.8162	HNO ₃
64	1681.3144	solar CO, HNO ₃	94	1681.8322	O ₃ , HNO ₃
65	1681.3263	HNO ₃	95	1681.8394	O ₃ , HNO ₃
66	1681.3388	HNO ₃	96	1681.8474	HNO ₃ , O ₃
67	1681.3542	HNO ₃	97	1681.8561	O ₃
68	1681.3602	O ₃	98	1681.8607	HNO ₃
69	1681.3701	HNO ₃	99	1681.8758	O ₃
70	1681.3806	HNO ₃	100	1681.8812	O ₃ , HNO ₃
71	1681.4111	H ₂ O	101	1681.8872	O ₃
72	1681.4345	HNO ₃	102	1681.8988	HNO ₃ ?
73	1681.4417	solar CO	103	1681.9075	HNO ₃
74	1681.4626	HNO ₃	104	1681.9468	HNO ₃
75	1681.4661	HNO ₃	105	1681.9656	HNO ₃
76	1681.4835	HNO ₃	106	1681.9674	HNO ₃
77	1681.4889	HNO ₃ , O ₃	107	1681.9720	HNO ₃
78	1681.5001	HNO ₃	108	1681.9778	HNO ₃
79	1681.5247	HNO ₃	109	1681.9991	HNO ₃
80	1681.5401	HNO ₃			
81	1681.5778	HNO ₃			
82	1681.5822	HNO ₃			
83	1681.6603	HNO ₃			
84	1681.6746	HNO ₃			
85	1681.6906	?			
86	1681.7701	O ₃			
87	1681.7249	O ₃			
88	1681.7377	HNO ₃			
89	1681.7501	O ₃			
90	1681.7829	HNO ₃			