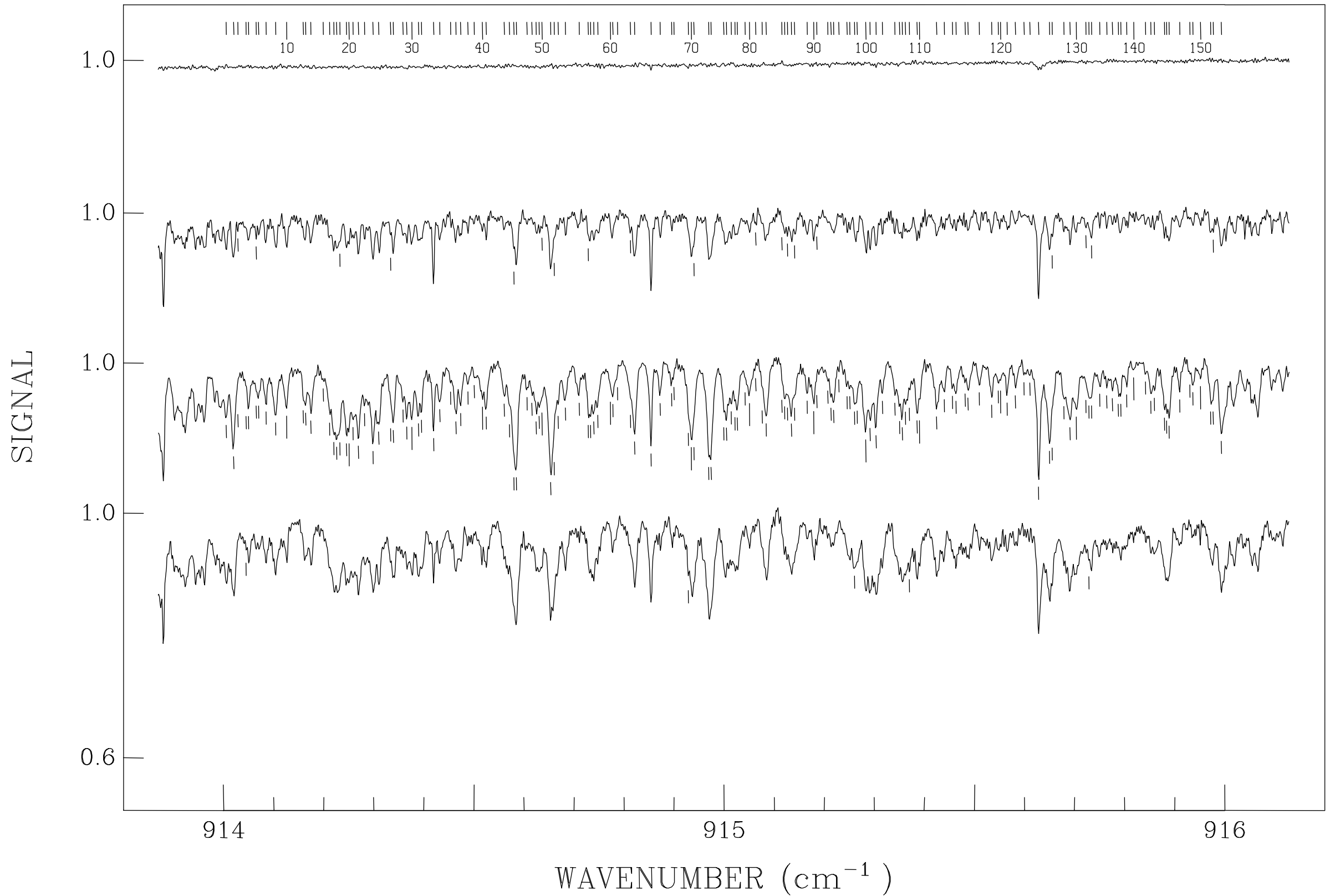


6 JUNE 1988

37.3KM 68.0° 36.75KM 93.34° 36.63KM 94.07° 36.47KM 94.81°



914-916 cm<sup>-1</sup>

Seq. No.	$\nu$ (observed) (cm <sup>-1</sup> )	Identification	Seq. No.	$\nu$ (observed) (cm <sup>-1</sup> )	Identification
1	914.0053	HNO <sub>3</sub>	31	914.3894	HNO <sub>3</sub>
2	914.0201	HNO <sub>3</sub>	32	914.3954	HNO <sub>3</sub>
3	914.0284	HNO <sub>3</sub> ?	33	914.4193	CO <sub>2</sub>
4	914.0450	HNO <sub>3</sub> ?	34	914.4317	HNO <sub>3</sub>
5	914.0498	HNO <sub>3</sub>	35	914.4534	HNO <sub>3</sub> ?
6	914.0653	HNO <sub>3</sub>	36	914.4640	HNO <sub>3</sub>
7	914.0699	HNO <sub>3</sub>	37	914.4735	HNO <sub>3</sub>
8	914.0847	HNO <sub>3</sub>	38	914.4881	HNO <sub>3</sub>
9	914.1041	HNO <sub>3</sub>	39	914.5007	HNO <sub>3</sub> ?
10	914.1259	HNO <sub>3</sub>	40	914.5168	HNO <sub>3</sub>
11	914.1597	HNO <sub>3</sub> ?	41	914.5246	HNO <sub>3</sub>
12	914.1631	HNO <sub>3</sub>	42	914.5609	HNO <sub>3</sub>
13	914.1746	HNO <sub>3</sub>	43	914.5711	HNO <sub>3</sub> ?
14	914.1992	CO <sub>2</sub> ?	44	914.5802	HNO <sub>3</sub>
15	914.2119	HNO <sub>3</sub>	45	914.5843	HNO <sub>3</sub>
16	914.2205	HNO <sub>3</sub>	46	914.6060	HNO <sub>3</sub>
17	914.2261	HNO <sub>3</sub>	47	914.6161	HNO <sub>3</sub>
18	914.2322	HNO <sub>3</sub>	48	914.6247	HNO <sub>3</sub>
19	914.2460	HNO <sub>3</sub>	49	914.6305	HNO <sub>3</sub>
20	914.2502	HNO <sub>3</sub>	50	914.6360	HNO <sub>3</sub> ?
21	914.2586	HNO <sub>3</sub>	51	914.6534	HNO <sub>3</sub>
22	914.2693	HNO <sub>3</sub>	52	914.6606	HNO <sub>3</sub> ?
23	914.2814	HNO <sub>3</sub>	53	914.6686	HNO <sub>3</sub>
24	914.2984	HNO <sub>3</sub>	54	914.6827	HNO <sub>3</sub>
25	914.3101	HNO <sub>3</sub>	55	914.7102	HNO <sub>3</sub>
26	914.3339	HNO <sub>3</sub> ?	56	914.7289	HNO <sub>3</sub>
27	914.3391	HNO <sub>3</sub>	57	914.7325	HNO <sub>3</sub>
28	914.3585	HNO <sub>3</sub>	58	914.7392	HNO <sub>3</sub>
29	914.3660	HNO <sub>3</sub>	59	914.7474	HNO <sub>3</sub>
30	914.3761	HNO <sub>3</sub>	60	914.7735	HNO <sub>3</sub> ?

914-916 cm<sup>-1</sup> (continued)

Seq. No.	$\nu$ (observed) (cm <sup>-1</sup> )	Identification	Seq. No.	$\nu$ (observed) (cm <sup>-1</sup> )	Identification
61	914.7767	HNO <sub>3</sub>	91	915.1851	HNO <sub>3</sub> ?
62	914.7872	HNO <sub>3</sub>	92	915.2071	HNO <sub>3</sub>
63	914.8127	HNO <sub>3</sub>	93	915.2135	HNO <sub>3</sub>
64	914.8211	HNO <sub>3</sub>	94	915.2186	HNO <sub>3</sub>
65	914.8539	CO <sub>2</sub> , HNO <sub>3</sub>	95	915.2291	HNO <sub>3</sub> ?
66	914.8723	HNO <sub>3</sub>	96	915.2455	HNO <sub>3</sub>
67	914.8953	HNO <sub>3</sub>	97	915.2509	HNO <sub>3</sub>
68	914.8998	HNO <sub>3</sub> ?	98	915.2613	HNO <sub>3</sub>
69	914.9286	HNO <sub>3</sub>	99	915.2645	HNO <sub>3</sub>
70	914.9349	HNO <sub>3</sub>	100	915.2832	HNO <sub>3</sub>
71	914.9391	HNO <sub>3</sub> ?	101	915.2916	HNO <sub>3</sub>
72	914.9700	HNO <sub>3</sub>	102	915.3034	HNO <sub>3</sub>
73	914.9729	HNO <sub>3</sub>	103	915.3159	HNO <sub>3</sub>
74	915.0003	HNO <sub>3</sub>	104	915.3408	HNO <sub>3</sub>
75	915.0035	HNO <sub>3</sub>	105	915.3502	HNO <sub>3</sub>
76	915.0141	HNO <sub>3</sub>	106	915.3556	HNO <sub>3</sub>
77	915.0220	HNO <sub>3</sub> ?	107	915.3621	HNO <sub>3</sub>
78	915.0262	HNO <sub>3</sub>	108	915.3699	HNO <sub>3</sub>
79	915.0418	HNO <sub>3</sub> ?	109	915.3855	HNO <sub>3</sub>
80	915.0507	HNO <sub>3</sub>	110	915.3905	HNO <sub>3</sub>
81	915.0631	HNO <sub>3</sub> ?	111	915.4243	HNO <sub>3</sub>
82	915.0759	HNO <sub>3</sub> ?	112	915.4398	HNO <sub>3</sub>
83	915.0836	HNO <sub>3</sub>	113	915.4560	HNO <sub>3</sub>
84	915.1157	HNO <sub>3</sub> ?	114	915.4630	HNO <sub>3</sub>
85	915.1209	HNO <sub>3</sub>	115	915.4814	HNO <sub>3</sub>
86	915.1261	HNO <sub>3</sub> ?	116	915.4874	HNO <sub>3</sub>
87	915.1344	HNO <sub>3</sub>	117	915.5096	HNO <sub>3</sub>
88	915.1404	HNO <sub>3</sub>	118	915.5343	HNO <sub>3</sub>
89	915.1659	HNO <sub>3</sub>	119	915.5479	HNO <sub>3</sub>
90	915.1789	HNO <sub>3</sub>	120	915.5518	HNO <sub>3</sub> ?

914-916 cm<sup>-1</sup> (continued)

Seq. No.	$\nu$ (observed) (cm <sup>-1</sup> )	Identification	Seq. No.	$\nu$ (observed) (cm <sup>-1</sup> )	Identification
121	915.5654	HNO <sub>3</sub>	151	915.9720	HNO <sub>3</sub>
122	915.5819	HNO <sub>3</sub>	152	915.9765	HNO <sub>3</sub>
123	915.5990	HNO <sub>3</sub> ?	153	915.9929	HNO <sub>3</sub>
124	915.6107	HNO <sub>3</sub>			
125	915.6280	CO <sub>2</sub> , HNO <sub>3</sub> + solar FeI			
126	915.6504	HNO <sub>3</sub>			
127	915.6552	HNO <sub>3</sub>			
128	915.6787	HNO <sub>3</sub>			
129	915.6910	HNO <sub>3</sub>			
130	915.7034	HNO <sub>3</sub>			
131	915.7226	HNO <sub>3</sub>			
132	915.7295	HNO <sub>3</sub>			
133	915.7333	CO <sub>2</sub>			
134	915.7502	HNO <sub>3</sub>			
135	915.7643	HNO <sub>3</sub>			
136	915.7757	HNO <sub>3</sub>			
137	915.7882	HNO <sub>3</sub>			
138	915.7914	HNO <sub>3</sub>			
139	915.8043	HNO <sub>3</sub>			
140	915.8184	? + HNO <sub>3</sub> ?			
141	915.8418	HNO <sub>3</sub>			
142	915.8522	HNO <sub>3</sub>			
143	915.8595	HNO <sub>3</sub>			
144	915.8794	HNO <sub>3</sub>			
145	915.8847	HNO <sub>3</sub> ?			
146	915.8884	HNO <sub>3</sub>			
147	915.9100	HNO <sub>3</sub>			
148	915.9303	HNO <sub>3</sub>			
149	915.9364	HNO <sub>3</sub>			
150	915.9517	HNO <sub>3</sub>			