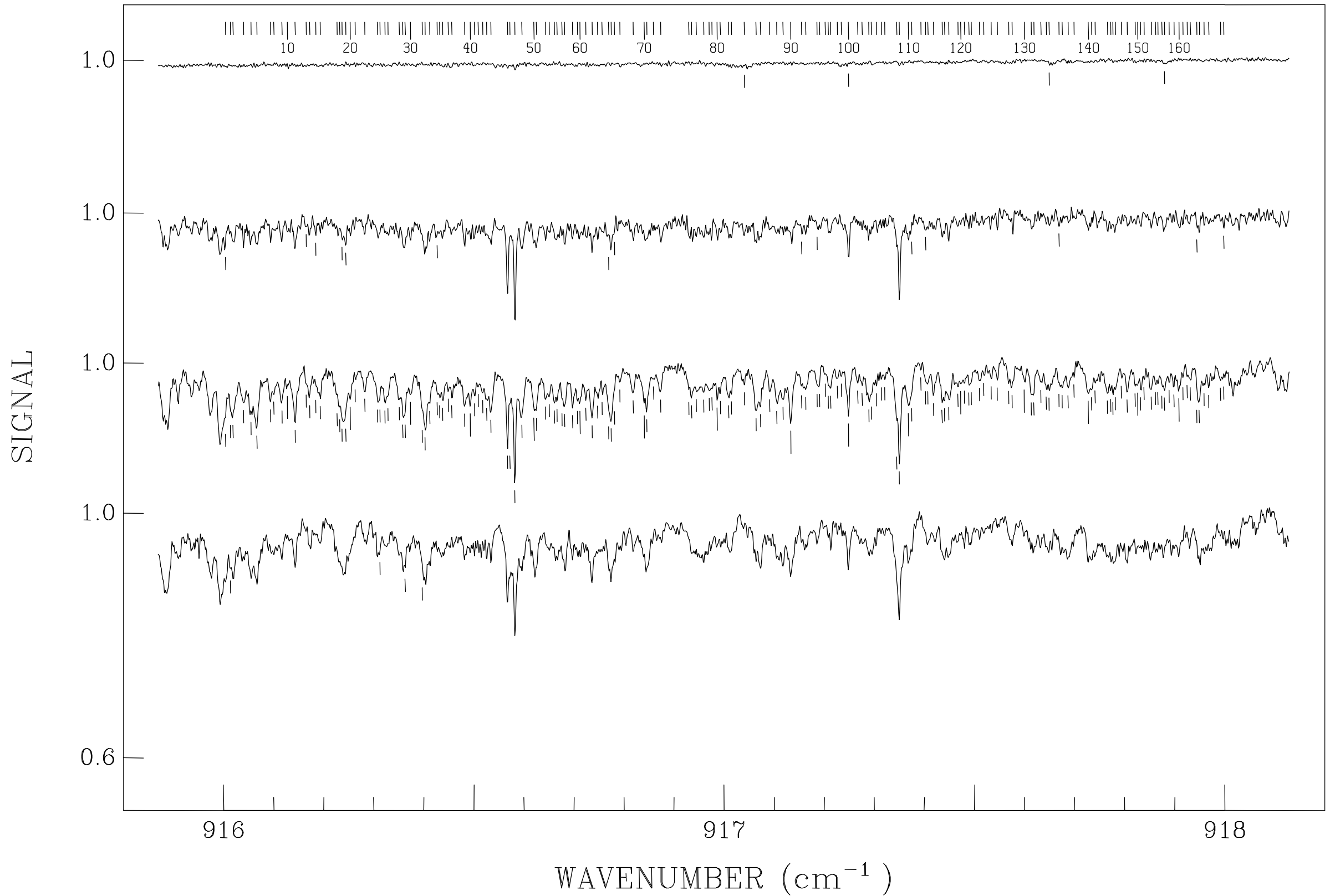


6 JUNE 1988

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



916-918 cm⁻¹

Seq. No.	ν (observed) (cm ⁻¹)	Identification	Seq. No.	ν (observed) (cm ⁻¹)	Identification
1	916.0034	HNO ₃	31	916.3971	HNO ₃ ?
2	916.0140	HNO ₃	32	916.4023	HNO ₃
3	916.0186	HNO ₃	33	916.4119	HNO ₃
4	916.0396	HNO ₃	34	916.4267	HNO ₃
5	916.0547	HNO ₃	35	916.4315	HNO ₃
6	916.0669	HNO ₃	36	916.4376	HNO ₃
7	916.0937	HNO ₃	37	916.4489	HNO ₃ ?
8	916.1005	HNO ₃	38	916.4557	HNO ₃
9	916.1162	HNO ₃	39	916.4814	HNO ₃
10	916.1271	HNO ₃	40	916.4931	HNO ₃
11	916.1429	HNO ₃	41	916.5011	HNO ₃
12	916.1646	HNO ₃ ?	42	916.5085	HNO ₃ ?
13	916.1720	HNO ₃	43	916.5176	?
14	916.1843	HNO ₃	44	916.5256	HNO ₃
15	916.1933	HNO ₃	45	916.5340	HNO ₃
16	916.2272	HNO ₃ ?	46	916.5672	CO ₂ + HNO ₃ ?
17	916.2313	HNO ₃	47	916.5720	HNO ₃ ?
18	916.2368	HNO ₃	48	916.5818	CO ₂ + HNO ₃ ?
19	916.2439	HNO ₃	49	916.5957	HNO ₃
20	916.2529	HNO ₃	50	916.6203	HNO ₃
21	916.2627	HNO ₃ ?	51	916.6244	HNO ₃
22	916.2820	HNO ₃	52	916.6431	HNO ₃
23	916.3083	HNO ₃	53	916.6504	HNO ₃
24	916.3118	HNO ₃	54	916.6613	HNO ₃
25	916.3222	HNO ₃	55	916.6658	HNO ₃
26	916.3281	HNO ₃	56	916.6758	HNO ₃ ?
27	916.3508	HNO ₃	57	916.6814	HNO ₃
28	916.3591	HNO ₃	58	916.6969	HNO ₃
29	916.3615	HNO ₃	59	916.7075	HNO ₃
30	916.3730	HNO ₃	60	916.7113	HNO ₃

916-918 cm⁻¹ (continued)

Seq. No.	ν (observed) (cm ⁻¹)	Identification	Seq. No.	ν (observed) (cm ⁻¹)	Identification
61	916.7237	HNO ₃	90	917.1334	HNO ₃
62	916.7361	HNO ₃	91	917.1548	HNO ₃
63	916.7470	HNO ₃	92	917.1628	HNO ₃
64	916.7561	HNO ₃	93	917.1865	HNO ₃ ?
65	916.7700	HNO ₃	94	917.1900	HNO ₃
66	916.7736	HNO ₃	95	917.2018	HNO ₃ ?
67	916.7809	HNO ₃	96	917.2086	HNO ₃
68	916.7916	?	97	917.2122	HNO ₃
69	916.8179	HNO ₃	98	917.2262	HNO ₃
70	916.8404	HNO ₃	99	917.2341	?
71	916.8455	HNO ₃	100	917.2483	CO ₂ + HNO ₃ ? + solar OH
72	916.8590	HNO ₃ ?	101	917.2669	HNO ₃
73	916.8733	HNO ₃	102	917.2758	HNO ₃
74	916.9300	HNO ₃	103	917.2892	HNO ₃
75	916.9345	HNO ₃	104	917.2942	HNO ₃
76	916.9446	HNO ₃	105	917.3045	HNO ₃
77	916.9593	HNO ₃	106	917.3141	HNO ₃ ?
78	916.9707	HNO ₃	107	917.3208	HNO ₃
79	916.9751	HNO ₃ ?	108	917.3449	HNO ₃
80	916.9860	HNO ₃	109	917.3498	CO ₂ , HNO ₃
81	916.9920	HNO ₃	110	917.3683	HNO ₃
82	917.0094	HNO ₃	111	917.3746	HNO ₃
83	917.0143	HNO ₃	112	917.3930	?
84	917.0402	HNO ₃ + solar SiI + solar OH	113	917.4027	HNO ₃
85	917.0635	HNO ₃	114	917.4066	HNO ₃
86	917.0720	HNO ₃	115	917.4180	HNO ₃
87	917.0910	HNO ₃	116	917.4358	HNO ₃
88	917.1052	HNO ₃	117	917.4399	HNO ₃
89	917.1173	HNO ₃	118	917.4486	HNO ₃
			119	917.4670	HNO ₃ ?

916-918 cm⁻¹ (continued)

Seq. No.	ν (observed) (cm ⁻¹)	Identification	Seq. No.	ν (observed) (cm ⁻¹)	Identification
120	917.4725	HNO ₃ ?	150	917.8249	HNO ₃ ?
121	917.4800	HNO ₃ ?	151	917.8321	HNO ₃
122	917.4896	HNO ₃	152	917.8392	HNO ₃ ?
123	917.4934	HNO ₃	153	917.8529	HNO ₃
124	917.5098	HNO ₃	154	917.8620	HNO ₃ ?
125	917.5187	?	155	917.8660	HNO ₃
126	917.5333	HNO ₃	156	917.8760	HNO ₃ ?
127	917.5458	HNO ₃	157	917.8784	HNO ₃ + solar OH
128	917.5684	HNO ₃	158	917.8890	HNO ₃ ?
129	917.5753	HNO ₃	159	917.8986	HNO ₃
130	917.5998	HNO ₃	160	917.9086	HNO ₃
131	917.6143	HNO ₃	161	917.9163	HNO ₃ ?
132	917.6180	HNO ₃	162	917.9250	HNO ₃ ?
133	917.6327	HNO ₃	163	917.9311	HNO ₃
134	917.6436	HNO ₃	164	917.9450	HNO ₃
135	917.6489	HNO ₃ + solar OH	165	917.9486	HNO ₃
136	917.6687	HNO ₃	166	917.9587	HNO ₃
137	917.6750	HNO ₃	167	917.9678	HNO ₃
138	917.6870	HNO ₃	168	917.9917	HNO ₃
139	917.6992	HNO ₃	169	917.9983	HNO ₃ ?
140	917.7275	HNO ₃			
141	917.7340	HNO ₃			
142	917.7409	HNO ₃			
143	917.7656	HNO ₃			
144	917.7723	HNO ₃ ?			
145	917.7767	HNO ₃ ?			
146	917.7812	HNO ₃ ?			
147	917.7934	HNO ₃ ?			
148	917.8054	HNO ₃			
149	917.8220	HNO ₃			