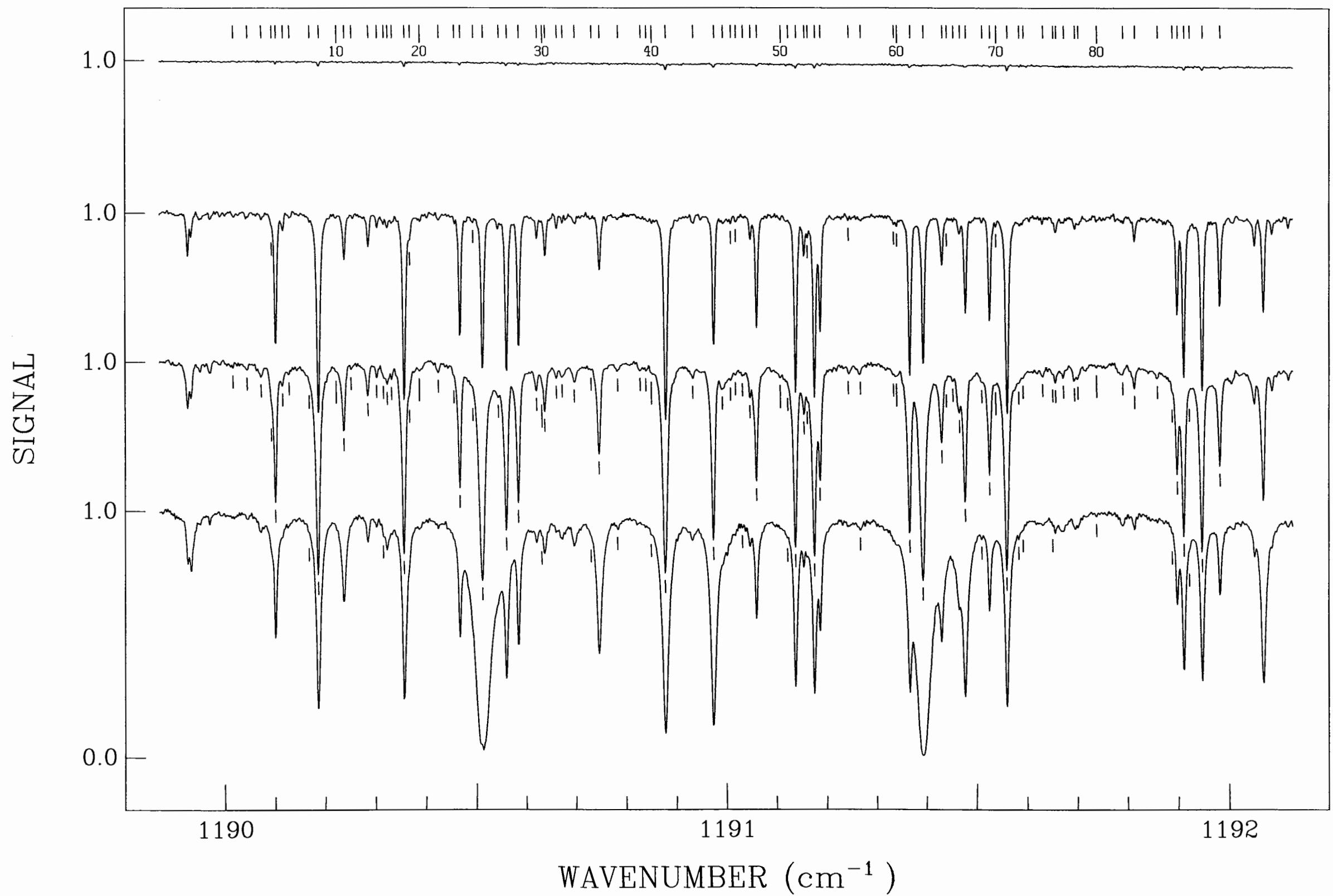


6 JUNE 1988      37.3KM 68.0°      36.75KM 93.34°      36.63KM 94.07°      36.47KM 94.81°



1190-1192 cm<sup>-1</sup>

Seq.     $\nu$  (observed)    Identification  
No.              (cm<sup>-1</sup>)

1	1190.0158	O <sub>3</sub>
2	1190.0438	HNO <sub>3</sub> + O <sub>3</sub>
3	1190.0716	N <sub>2</sub> O + HNO <sub>3</sub>
4	1190.0916	N <sub>2</sub> O + HNO <sub>3</sub>
5	1190.1005	O <sub>3</sub>
6	1190.1143	O <sub>3</sub> , HNO <sub>3</sub>
7	1190.1274	HNO <sub>3</sub>
8	1190.1674	HNO <sub>3</sub>
9	1190.1859	O <sub>3</sub>
10	1190.2209	HNO <sub>3</sub> ? + O <sub>3</sub> ?
11	1190.2365	CH <sub>4</sub> + HNO <sub>3</sub> + O <sub>3</sub> ?
12	1190.2507	O <sub>3</sub> ?
13	1190.2843	O <sub>3</sub>
14	1190.3016	O <sub>3</sub>
15	1190.3147	O <sub>3</sub>
16	1190.3223	CH <sub>4</sub> , HNO <sub>3</sub>
17	1190.3314	O <sub>3</sub>
18	1190.3565	O <sub>3</sub> + CH <sub>4</sub>
19	1190.3673	O <sub>3</sub>
20	1190.3865	HNO <sub>3</sub> + HDO?
21	1190.4243	HNO <sub>3</sub> + O <sub>3</sub> ?
22	1190.4547	?
23	1190.4670	O <sub>3</sub>
24	1190.4931	HNO <sub>3</sub> + O <sub>3</sub>
25	1190.5123	N <sub>3</sub> O + HNO <sub>3</sub> ?
26	1190.5437	CH <sub>4</sub> + HNO <sub>3</sub> + O <sub>3</sub> ?
27	1190.5601	O <sub>3</sub> + HNO <sub>3</sub> ?
28	1190.5839	O <sub>3</sub> + HNO <sub>3</sub> ?
29	1190.6198	O <sub>3</sub>

Seq.     $\nu$  (observed)    Identification  
No.              (cm<sup>-1</sup>)

30	1190.6304	?
31	1190.6364	O <sub>3</sub> + HNO <sub>3</sub>
32	1190.6595	O <sub>3</sub>
33	1190.6715	CH <sub>4</sub> + HNO <sub>3</sub>
34	1190.6954	CH <sub>4</sub> + HNO <sub>3</sub>
35	1190.7293	O <sub>3</sub>
36	1190.7456	CH <sub>4</sub>
37	1190.7818	HNO <sub>3</sub>
38	1190.8266	HNO <sub>3</sub> ?
39	1190.8380	O <sub>3</sub> ?
40	1190.8492	O <sub>3</sub>
41	1190.8769	O <sub>3</sub> , CH <sub>4</sub> + HNO <sub>3</sub> ?
42	1190.9317	HNO <sub>3</sub> + N <sub>2</sub> O + O <sub>3</sub> ?
43	1190.9732	CH <sub>4</sub>
44	1190.9911	HNO <sub>3</sub>
45	1191.0064	HNO <sub>3</sub> + O <sub>3</sub> ?
46	1191.0167	O <sub>3</sub>
47	1191.0311	HNO <sub>3</sub>
48	1191.0464	O <sub>3</sub>
49	1191.0592	O <sub>3</sub> + HNO <sub>3</sub> ?
50	1191.1068	HNO <sub>3</sub>
51	1191.1214	HNO <sub>3</sub>
52	1191.1371	O <sub>3</sub> + HDO?
53	1191.1538	O <sub>3</sub>
54	1191.1603	O <sub>3</sub> + HNO <sub>3</sub> ?
55	1191.1746	O <sub>3</sub> + HNO <sub>3</sub> ?
56	1191.1859	O <sub>3</sub>
57	1191.2420	HNO <sub>3</sub> + O <sub>3</sub>
58	1191.2661	HNO <sub>3</sub> + O <sub>3</sub>

1190-1192 cm<sup>-1</sup>

Seq.     $\nu$  (observed)   Identification  
No.       (cm<sup>-1</sup>)

59	1191.3326	HNO <sub>3</sub>
60	1191.3389	O <sub>3</sub>
61	1191.3654	O <sub>3</sub>
62	1191.3924	N <sub>2</sub> O
63	1191.4298	CH <sub>4</sub> + HNO <sub>3</sub> ? + O <sub>3</sub> ?
64	1191.4388	HNO <sub>3</sub>
65	1191.4519	O <sub>3</sub>
66	1191.4651	CH <sub>4</sub> + HNO <sub>3</sub> ?
67	1191.4770	CH <sub>4</sub>
68	1191.5096	O <sub>3</sub> + HNO <sub>3</sub>
69	1191.5252	O <sub>3</sub>
70	1191.5373	HNO <sub>3</sub>
71	1191.5595	O <sub>3</sub> + HNO <sub>3</sub> ?
72	1191.5827	O <sub>3</sub> + HNO <sub>3</sub> ?
73	1191.5914	O <sub>3</sub> ?
74	1191.6303	HNO <sub>3</sub>
75	1191.6504	O <sub>3</sub> ?
76	1191.6556	O <sub>3</sub>
77	1191.6713	CH <sub>4</sub>
78	1191.6936	O <sub>3</sub>
79	1191.7002	HNO <sub>3</sub>
80	1191.7374	O <sub>3</sub>
81	1191.7895	HNO <sub>3</sub> + N <sub>2</sub> O
82	1191.8127	O <sub>3</sub>
83	1191.8587	HNO <sub>3</sub>
84	1191.8881	HNO <sub>3</sub> + O <sub>3</sub> ?
85	1191.8980	O <sub>3</sub>
86	1191.9112	O <sub>3</sub> + N <sub>2</sub> O?
87	1191.9222	HNO <sub>3</sub> ?

Seq.     $\nu$  (observed)   Identification  
No.       (cm<sup>-1</sup>)

88	1191.9476	O <sub>3</sub> + HNO <sub>3</sub> ?
89	1191.9823	O <sub>3</sub> + HNO <sub>3</sub> ?