

INTMINS-April/98 Operations Schedule

NEW! COORDINATED OBSERVATIONS ADDED TO THE APRIL/98 SCHEDULE

Coordinated observations are being added to the schedule for this spring's operations. Coordinated observations provide an opportunity for all INSPIRE participants to listen to and record natural radio simultaneously. The procedure will be as follows:

1. Use the Data Cover Sheet and Data Log as with the INTMINS observations.
2. Record for 12 minutes at the start of each hour that you can monitor on the specified days.
3. Place a time mark on the tape on the hour and each two minutes for the next 12 minutes.
4. Record at 8 AM and 9 AM **LOCAL** time.
5. In addition, record on other hours to compare results with those in neighboring time zones. For example, an observer in the Central Time Zone might record at 7 AM (8 AM EDT), at 8 and 9 AM CDT and at 10 AM (9 AM MDT).
6. Use 60 minutes tapes (30 minutes per side) with two sessions per side.
7. Label all tapes and logs to indicate the sessions monitored and send to the same address as indicated for the INTMINS tapes.
8. Your tapes will be returned with spectrograms of your data. An article reporting on the results will appear in the next *Journal*.
9. **SPECIAL NOTE:** If you are hearing whistlers, replace the data tape after 12 minutes with a "Whistler" tape and continue recording with time marks every two minutes. If we get whistlers, this would be a good opportunity to try to determine the "footprint" of a whistler (the "footprint" is the geographical area where a whistler can be detected).

Specified Coordinated Observation Dates for April/98:

Saturday, April 25 and Sunday, April 26.

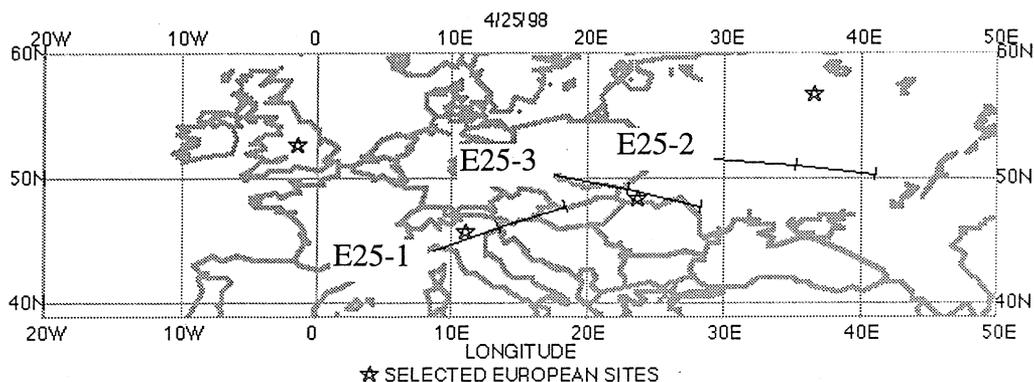
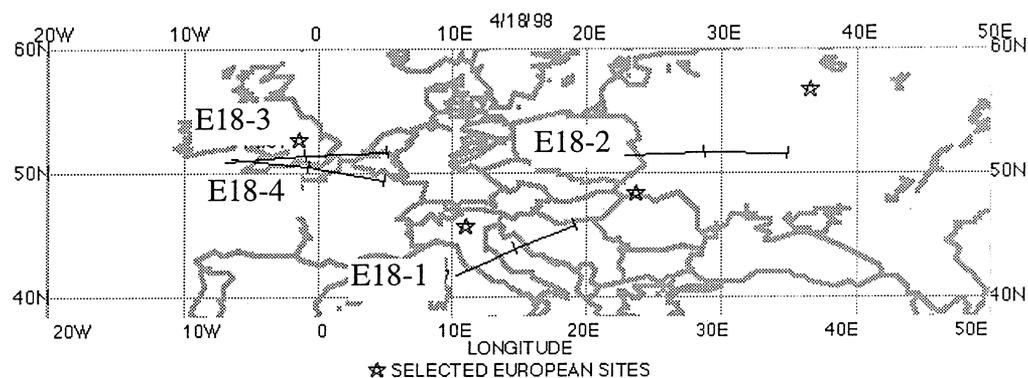
INTMINS OBSERVATIONS SCHEDULED FOR APRIL/98

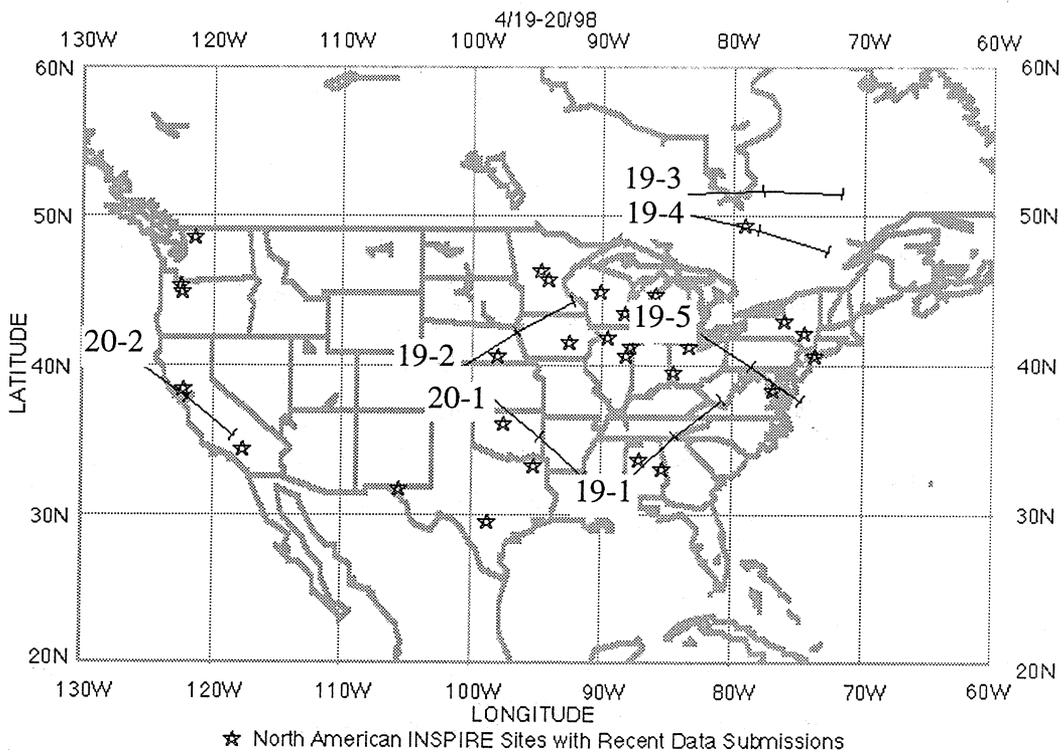
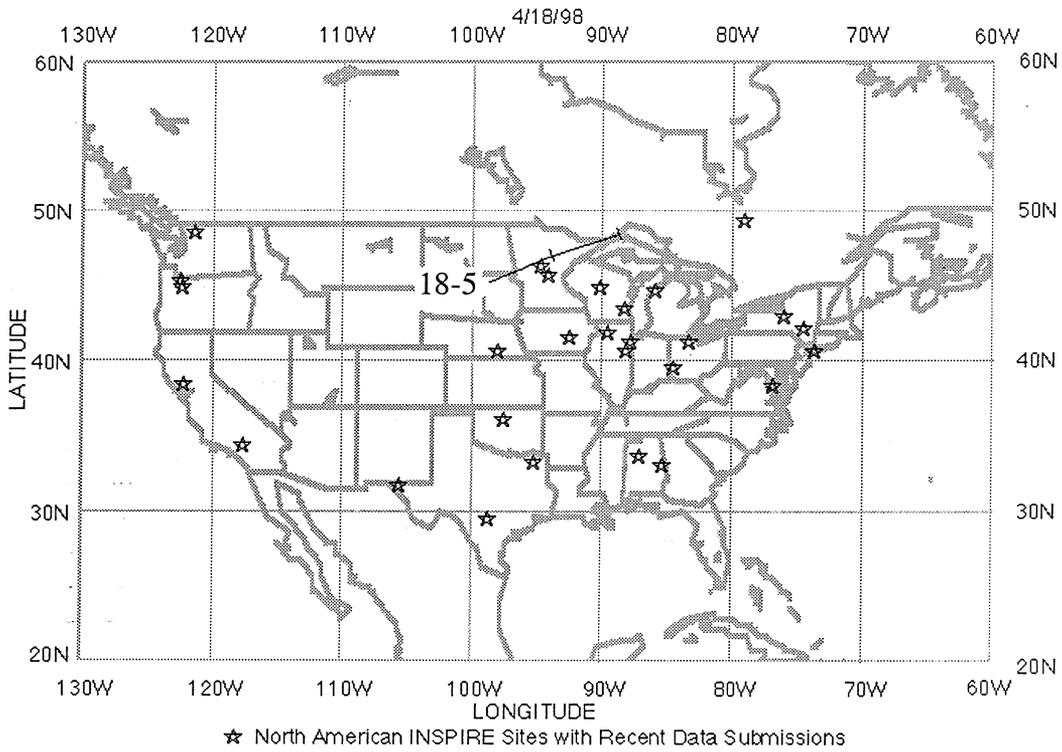
Please read the article on Page 4 of the *Journal* for data taking procedures. The following maps show the ground track of MIR while ISTOCHNIK is operating. The time indicated on the map is the "T-time" as described in the article (all times are UT).

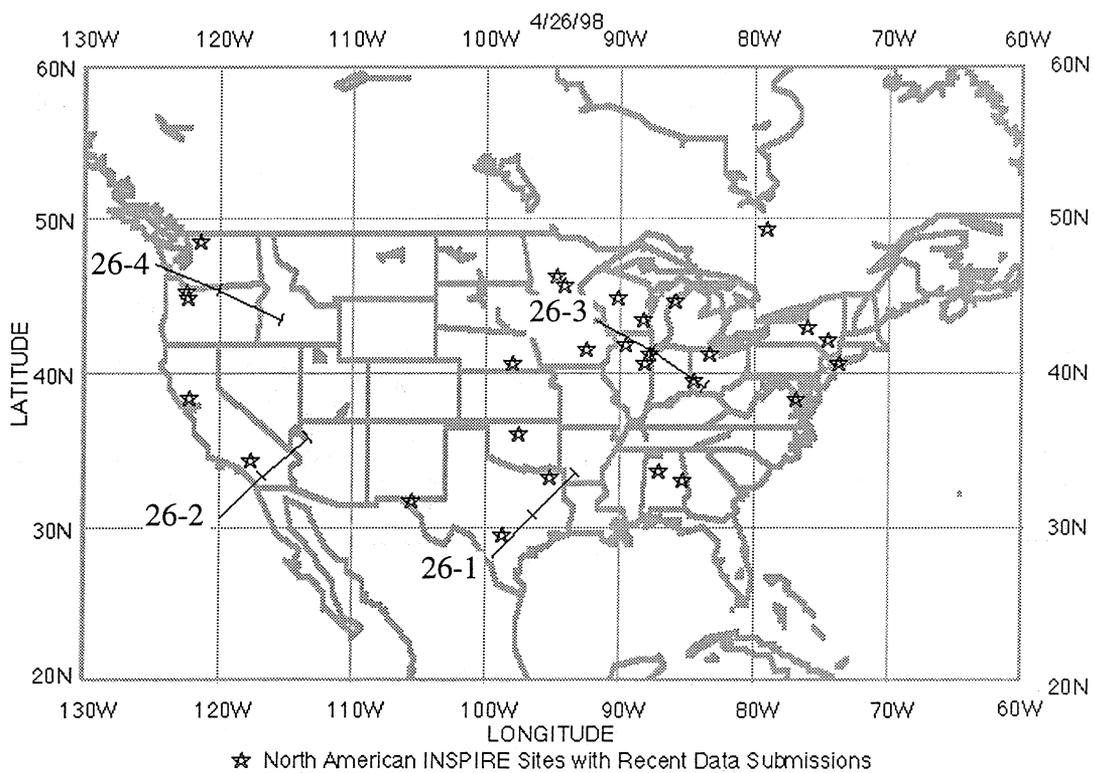
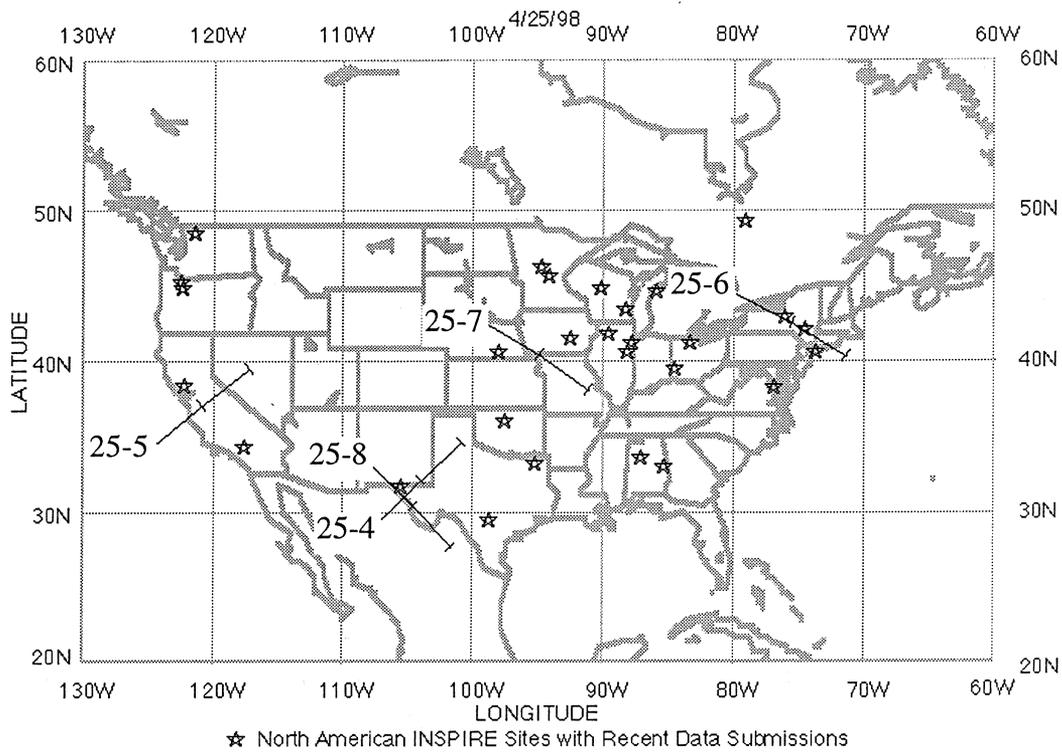
On all passes, MIR moves from west to east (left to right). The ground track shown is 2 minutes long which corresponds to the actual firing time of ISTOCHNIK. The passes are numbered with the UT date followed by the operation number on that day. Some passes late in the day are on the PREVIOUS date LOCAL TIME. Operations are numbered sequentially although they may not occur on consecutive orbits. European passes are identified with an "E".

NOTE: On the track maps, the operation number appears near the western end of the track. All tracks proceed from west to east.

Pass Number	UT Date	Tape Start UT	ISTOCHNIK Start (T-time) UT	Tape Stop UT
E18-1	4/19	1135	1147	1200
E18-2	4/19	1314	1326	1339
E18-3	4/19	1445	1457	1510
E18-4	4/19	1621	1633	1646
18-5	4/18	1917	1929	1942
19-1	4/19	1640	1652	1705
19-2	4/19	1816	1828	1841
19-3	4/19	1955	2007	2020
19-4	4/19	2131	2143	2156
19-5	4/19	2308	2320	2333
20-1	4/20	0042	0054	0107
20-2	4/20	0213	0225	0238
E25-1	4/25	0916	0928	0941
E25-2	4/25	1056	1108	1121
E25-3	4/25	1230	1242	1255
25-4	4/25	1518	1530	1543
25-5	4/25	1652	1704	1717
25-6	4/25	2014	2026	2039
25-7	4/25	2147	2159	2212
25-8	4/25	2323	2335	2348
26-1	4/26	1418	1430	1443
26-2	4/26	1551	1603	1616
26-3	4/26	2047	2059	2112
26-4	4/26	2217	2229	2242







UT to Local Time Conversion Table for T-times
(North American Passes)

Operation	UT Date	T-time	EDT UT-4	CDT UT-5	MDT UT-6	PDT UT-7
18-5	4/18	1929	1529	1429	1329	1229
19-1	4/19	1652	1252	1152	1052	0952
19-2	4/19	1828	1428	1328	1228	1128
19-3	4/19	2007	1607	1507	1407	1307
19-4	4/19	2143	1743	1643	1543	1443
19-5	4/19	2320	1920	1820	1720	1620
20-1	4/20	0054	2054*	1954*	1854*	1754*
20-2	4/20	0225	2225*	2125*	2025*	1925*
25-4	4/25	1530	1130	1030	0930	0830
25-5	4/25	1704	1304	1204	1104	1004
25-6	4/25	2026	1626	1526	1426	1326
25-7	4/25	2159	1759	1659	1559	1459
25-8	4/25	2335	1935	1835	1735	1635
26-1	4/26	1430	1030	0930	0830	0730
26-2	4/26	1603	1203	1103	1003	0903
26-3	4/26	2159	1759	1659	1559	1459
26-4	4/26	2229	1829	1729	1629	1529

NOTE: An asterisk (*) indicates a local date on the date PRECEDING the UT date.
Late evening passes are on the date preceding the UT date.

Example: Operation 20-1 has a T-time of 0054 UT on 4/20. In NE, OK and AR, where this operation is best situated, participants would record using a T-time of 1954 CDT on 4/19/97.