Date & time and Instrument of Auroral Observation in JARE-46 at SYOWA Station in 2005 (start/end time UT)

| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | | | | TD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Feb | ATV | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | SPM | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | ASI | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | CAI | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | TS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Aa | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | TD |
| Mar | ATV | 20:20<br>23:25 | | 20:23<br>23:28 | 19:22<br>0:00 | 20:15<br>21:55 | 19:32<br>23:53 | 19:04<br>0:05 | 19:15<br>0:02 | 19:04<br>23:37 | | 19:45<br>0:15 | 20:23<br>0:15 | 19:00<br>0:30 | 18:55<br>0:20 | 19:10<br>0:37 | 18:45<br>0:30 | 18:45<br>1:00 | | ?<br>? | 19:05<br>0:52 | | 18:20<br>1:06 | 18:29<br>1:07 | 18:37<br>0:54 | 18:27<br>0:57 | 18:08<br>0:22 | | 18:08<br>1:02 | 18:04<br>22:30 | 17:04<br>21:56 | | 25 |
| | SPM | ?<br>? | | ?<br>? | ?<br>? | ?<br>? | 20:27<br>23:27 | 20:03<br>23:43 | 19:32<br>23:25 | 19:32<br>23:39 | | 19:51<br>0:05 | 20:27<br>0:08 | 19:13<br>0:20 | 19:07<br>0:12 | 19:18<br>0:14 | 18:58<br>0:27 | 18:52<br>0:57 | | | 18:59<br>0:45 | | 19:02<br>? | 18:34<br>1:04 | ?<br>1:03 | 18:39<br>1:04 | 18:38<br>0:18 | | 18:22<br>1:03 | 18:07<br>22:32 | ?<br>21:56 | ?<br>? | 25 |
| | ASI | ?<br>? | | ?<br>? | ?<br>? | ?<br>? | 19:44<br>23:34 | 19:48<br>23:45 | 19:28<br>23:28 | 19:30<br>23:41 | | 19:47<br>0:07 | 20:37<br>0:08 | 19:09<br>0:20 | 19:03<br>0:13 | 19:29<br>0:16 | 18:53<br>0:29 | 18:48<br>0:59 | | ?<br>? | 18:40<br>0:46 | | 20:08<br>0:44 | 18:52<br>0:23 | 18:44<br>0:58 | 18:33<br>0:59 | 18:15<br>0:26 | | 18:15<br>1:09 | 18:14<br>22:33 | ?<br>22:00 | | 25 |
| | CAI | | | ?<br>? | ?<br>? | ?<br>? | | | | ?<br>? | | | | | | | ?<br>? | | | | | | | | | | | | | | | ?<br>? | 6 |
| | TS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 |
| | Aa | A | U | U | Q | A | A | A | A | A | U | M | M | A | A | U | M | U | U | U | M | U | M | A | U | U | U | U | U | U | U | U | |
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | | TD |
| Apr | ATV | | 17:48<br>1:31 | 18:48<br>1:37 | 17:17<br>1:45 | 17:31<br>1:53 | 17:06<br>1:47 | 17:10<br>1:49 | 16:55<br>2:05 | 17:02<br>2:02 | | | | 20:11<br>0:24 | ?<br>? | ?<br>? | ?<br>? | 16:35<br>2:32 | 16:36<br>22:19 | | 1:45<br>2:53 | 16:26<br>22:16 | 21:39<br>2:42 | 16:18<br>2:52 | ?<br>? | | | ?<br>? | | | ?<br>? | | 21 |
| | SPM | | 18:01<br>1:32 | ?<br>1:38 | 17:02<br>1:46 | 17:35<br>1:46 | 17:10<br>1:48 | 17:14<br>1:50 | 16:59<br>2:06 | 17:07<br>2:01 | | | | ?<br>? | ?<br>? | ?<br>? | ?<br>? | 16:41<br>2:34 | 16:47<br>22:18 | | 1:59<br>2:46 | 16:53<br>22:16 | 21:43<br>2:36 | 16:48<br>2:45 | ?<br>? | | | ?<br>? | | | | | 20 |
| | ASI | | 18:11<br>1:33 | 18:55<br>1:39 | 20:25<br>1:47 | 17:42<br>1:48 | 17:17<br>1:49 | 17:21<br>1:51 | 17:05<br>2:07 | 17:14<br>2:03 | | | | ?<br>? | ?<br>? | ?<br>? | ?<br>? | 16:48<br>? | 16:43<br>22:10 | | 1:54<br>2:50 | 16:35<br>22:16 | 21:48<br>2:38 | 16:25<br>2:48 | ?<br>? | | | ?<br>? | | | ?<br>? | | 21 |
| | CAI | | | | | | | | | | | | | ?<br>? | ?<br>? | ?<br>? | ?<br>? | | | | | | | ?<br>? | ?<br>? | | | | | | | | 6 |
| | TS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 |
| | Aa | U | M | M | A | (A) | (M) | U | U | U | U | U | U | A | U | (M) | U | M | U | U | U | U | U | M | U | U | U | U | U | U | U | | |
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | TD |
| May | ATV | | | | | 16:43<br>20:00 | 16:28<br>3:33 | 16:27<br>3:52 | 14:43<br>3:39 | 14:58<br>3:45 | 16:12<br>3:35 | 14:51<br>19:32 | 19:19<br>3:44 | 14:47<br>4:06 | | 20:08<br>4:02 | 23:30<br>4:02 | 14:58<br>4:03 | 17:40<br>3:20 | 17:01<br>3:45 | | 19:11<br>4:12 | 16:40<br>4:33 | 17:16<br>0:10 | | 14:42<br>4:34 | 14:53<br>4:36 | 15:10<br>4:25 | 14:33<br>4:38 | 14:38<br>4:40 | 16:00<br>4:35 | 14:04<br>3:58 | 24 |
| | SPM | | | | | 17:18<br>19:58 | 16:53<br>3:30 | 17:03<br>3:45 | 15:05<br>3:30 | 15:03<br>3:41 | 16:24<br>3:35 | 16:27<br>19:30 | | 14:57<br>4:06 | | 20:44<br>4:00 | 0:22<br>3:59 | 15:02<br>3:59 | 17:34<br>3:14 | | | 19:51<br>4:14 | 16:45<br>4:33 | | | 16:24<br>4:34 | 19:02<br>4:35 | 18:17<br>4:34 | 14:50<br>4:37 | 14:54<br>4:34 | 16:33<br>4:34 | 14:15<br>3:57 | 21 |
| | ASI | | | | | 16:58<br>19:47 | 14:52<br>3:31 | 16:37<br>3:46 | 15:00<br>3:40 | 14:51<br>3:45 | 16:18<br>3:35 | 14:57<br>3:40 | 16:24<br>3:43 | 14:52<br>4:06 | | 20:10<br>4:01 | 23:30<br>4:01 | 14:57<br>4:02 | 17:39<br>3:15 | | | 19:19<br>4:15 | 16:37<br>4:33 | 17:26<br>0:10 | | 14:40<br>4:33 | 14:52<br>4:30 | 15:07<br>4:27 | 14:32<br>4:32 | 14:35<br>4:30 | 16:07<br>4:30 | 14:10<br>3:52 | 23 |
| | CAI | | | | | | | | | | | | | 17:37<br>4:22 | | | | | | | | | ?<br>? | | | | | | | | | | 2 |
| | TS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 |
| | Aa | U | U | U | U | U | (M) | M | U | (A) | U | U | (A) | U | U | (M) | M | (M) | U | U | U | (M) | (M) | U | U | Q | Q | Q | A | A | (A) | U | |
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | | TD |
| Jun | ATV | | | | 3:03<br>4:47 | 14:03<br>4:54 | 14:29<br>5:27 | 13:49<br>2:46 | | 17:26<br>0:20 | | 14:30<br>5:05 | 15:01<br>5:07 | 16:29<br>4:56 | 14:31<br>4:52 | 14:39<br>4:05 | 14:16<br>5:05 | 14:10<br>5:05 | 22:30<br>4:36 | 17:38<br>19:15 | | | | | 17:29<br>5:46 | 14:25<br>5:30 | 20:10<br>5:35 | 14:58<br>5:24 | 14:36<br>4:32 | 14::4<br>4:50 | 14:23<br>0:45 | | 21 |
| | SPM | | | | 3:44<br>4:46 | 14:12<br>4:55 | 14:53<br>5:28 | 14:06<br>2:01 | | | | 16:07<br>5:06 | 15:05<br>5:06 | 17:38<br>4:51 | 14:39<br>4:51 | 14:34<br>4:06 | 14:20<br>5:04 | 14:18<br>5:04 | 23:30<br>4:37 | 17:41<br>1:41 | | | | | | 14:38<br>18:48 | 20:20<br>5:35 | 14:55<br>5:25 | 14:55<br>4:32 | 14:51<br>4:50 | 14:46<br>0:45 | | 19 |
| | ASI | | | | 3:13<br>4:40 | 14:09<br>4:54 | 14:44<br>6:12 | 14:10<br>2:47 | | | | 14:35<br>5:05 | 15:00<br>5:00 | 16:39<br>4:53 | 14:36<br>4:45 | 14:26<br>4:01 | 14:14<br>5:00 | 14:15<br>5:00 | 22:34<br>4:32 | 17:44<br>1:40 | | | 20:51<br>1:30 | | 13:40<br>5:52 | 14:25<br>6:00 | 20:10<br>5:35 | 14:57<br>5:24 | 14:35<br>4:33 | 14:45<br>4:50 | 14:22<br>0:45 | | 21 |
| | CAI | | | | | 14:13 | 16:20 | 14:00 | | | | 16:12 | | | | | | | | | | | | | | 18:19 | | 16:43 | | 17:22 | 16:38 | | 8 |

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | CAI | | | | | 5:02 | 6:18 | 2:54 | | | | 5:09 | | | | | | | | | | | | | | | 23:58 | | 5:34 | | 4:57 | 0:43 | | 0 | |
| | TS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| | Aa | U | U | U | (M) | (M) | A | (M) | U | M | U | M | A | (M) | (M) | U | A | U | M | Q | U | U | U | U | A | M | M | M | U | (M) | (M) | | | | |
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | TD | |
| Jul | ATV | | 16:08 | 14:44 | | | 14:31 | 14:18 | 14:10 | 17:59 | 17:09 | 14:34 | 14:20 | 14:42 | 14:33 | 14:40 | 14:49 | 14:47 | 14:40 | 14:38 | 16:39 | 14:33 | 14:51 | 14:40 | 20:08 | 14:50 | 16:18 | 14:48 | 14:43 | 14:54 | 14:50 | 14:49 | 28 | |
| | | | 4:02 | 4:38 | | | 3:35 | 2:50 | 4:45 | 4:23 | 4:52 | 5:40 | 4:25 | 5:04 | 4:30 | 5:05 | 4:34 | 4:29 | 4:31 | 4:21 | 4:23 | 4:15 | 4:10 | 1:10 | 4:02 | 4:01 | 4:32 | 4:05 | 4:15 | 4:21 | 4:01 | 4:18 | | |
| | SPM | | | 14:53 | | | | 14:27 | 14:18 | 18:04 | 17:31 | 14:44 | 14:40 | 16:27 | 14:40 | 14:44 | 14:53 | 14:51 | 14:32 | 14:40 | 17:00 | 14:33 | 18:44 | 19:37 | | 14:55 | | | 18:00 | 15:13 | 14:56 | 14:53 | 23 | |
| | | | | 4:44 | | | | 2:50 | 4:46 | 4:26 | 4:55 | 5:41 | 4:30 | 5:00 | 4:15 | 4:45 | 4:36 | 4:38 | 4:56 | 4:23 | 4:24 | 4:21 | 4:11 | 1:12 | | 4:01 | | | 4:15 | 4:23 | 4:44 | 4:18 | | |
| | ASI | | 16:08 | 14:43 | | | 14:31 | 14:24 | 14:10 | 17:58 | 17:13 | 14:33 | 14:19 | 14:41 | 14:32 | 14:39 | 14:48 | 14:46 | 14:30 | 14:39 | 16:38 | 14:30 | 14:50 | 14:41 | 20:13 | 14:49 | 22:53 | 14:47 | 14:42 | 14:53 | 14:49 | 14:50 | 28 | |
| | | | 4:02 | 4:37 | | | 3:31 | 2:50 | 4:38 | 4:19 | 4:56 | 6:03 | 4:45 | 5:10 | 4:30 | 5:30 | 5:00 | 4:30 | 4:26 | 4:16 | 4:19 | 4:16 | 4:13 | 1:08 | 4:02 | 4:01 | 4:26 | 4:05 | 4:20 | 4:45 | 4:03 | 4:14 | | |
| | CAI | | | | | | | | | | 17:21 | 18:09 | 18:18 | | ? | | | | | | | | | | | | | | | 21:26 | | | 5 | |
| | | | | | | | | | | | 4:19 | 6:30 | 4:03 | | ? | | | | | | | | | | | | | | | 4:26 | | | | |
| | TS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| | Aa | U | U | (M) | U | U | M | U | U | (M) | A | A | (M) | A | (M) | M | A | A | A | U | U | U | M | U | U | (M) | (M) | (A) | (M) | A | U | A | | | |
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | TD | |
| Aug | ATV | 14:41 | 14:55 | 14:40 | | | 15:03 | 14:40 | 14:49 | | 19:35 | 16:05 | 16:23 | | 16:09 | 16:15 | 16:30 | 16:22 | 16:21 | 16:11 | 16:36 | 16:10 | 16:33 | 16:11 | 16:15 | 16:15 | 20:27 | 16:41 | 19:04 | 16:22 | 16:35 | | 26 | |
| | | 4:04 | 3:50 | 3:36 | | | 4:07 | 3:40 | 3:31 | | 4:00 | 3:26 | 3:53 | | 3:49 | 3:39 | 3:26 | 3:31 | 3:09 | 3:30 | 3:13 | 2:25 | 3:00 | 3:00 | 2:52 | 2:32 | 3:12 | 2:29 | 2:52 | 2:43 | 3:00 | | | |
| | SPM | 14:49 | 15:04 | 14:40 | | | | 14:40 | 16:43 | | 19:44 | 18:03 | 16:46 | | 16:33 | 17:11 | 16:55 | 16:58 | 17:14 | 16:55 | 16:54 | 16:29 | 16:53 | 17:11 | 16:45 | 16:36 | | 16:45 | 19:11 | 16:27 | 16:54 | | 24 | |
| | | 4:05 | 3:50 | 3:36 | | | | 3:40 | 3:31 | | 4:01 | 3:27 | 3:56 | | 3:50 | 3:39 | 3:27 | 3:22 | 3:16 | 3:33 | 3:14 | 2:10 | 3:18 | 3:01 | 2:50 | 2:33 | | 2:28 | 2:51 | 2:41 | 3:00 | | | |
| | ASI | 14:41 | 14:56 | 14:40 | | | 15:07 | 14:36 | 14:49 | | 19:33 | 16:03 | 16:22 | | 16:09 | 16:21 | 16:38 | 16:21 | 17:02 | 16:30 | 16:35 | 16:50 | 16:47 | 16:25 | 16:14 | 16:22 | 20:26 | 16:40 | 19:05 | 16:23 | 16:39 | | 26 | |
| | | 4:07 | 3:43 | 3:32 | | | 4:07 | 3:45 | 3:31 | | 3:55 | 3:23 | 3:54 | | 3:51 | 3:40 | 3:32 | 3:33 | 3:11 | 3:36 | 3:16 | 2:26 | 3:06 | 3:03 | 2:51 | 2:34 | 3:13 | 2:30 | 2:51 | 2:41 | 3:00 | | | |
| | CAI | 14:39 | ? | | | | | | | | | | | | 18:22 | 16:59 | 17:06 | 16:50 | 17:39 | 17:43 | 16:48 | | | | 19:37 | 16:31 | 20:13 | 16:38 | 19:02 | 16:16 | 16:46 | | 16 | |
| | | 4:39 | ? | | | | | | | | | | | | 3:36 | ? | 3:36 | ? | 3:22 | 3:21 | ? | | | | 2:57 | 2:41 | 3:15 | 2:31 | 3:30 | 2:50 | 3:09 | | | |
| | TS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| | Aa | A | M | (M) | U | U | (A) | A | (M) | U | (M) | M | (M) | U | Q | U | M | A | M | U | Q | U | U | U | M | M | (M) | U | M | U | (M) | U | | | |
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | | TD | |
| Sep | ATV | 16:51 | 16:41 | 16:54 | 16:52 | 16:53 | 17:28 | 20:27 | 18:14 | 22:49 | 20:02 | 17:43 | 17:53 | 18:07 | 17:51 | 17:47 | 17:41 | 18:19 | 17:41 | 17:50 | 17:56 | 17:59 | 18:18 | 18:00 | 18:17 | 18:00 | 18:08 | | 18:32 | 18:29 | 18:49 | | 29 | |
| | | 2:47 | 2:56 | 2:44 | 2:30 | 2:14 | 19:40 | 1:50 | 2:00 | 2:06 | 1:32 | 2:12 | 1:17 | 1:43 | 18:52 | 1:31 | 0:59 | 1:26 | 1:23 | 1:10 | 1:06 | 1:01 | 1:00 | 0:58 | 0:56 | 0:52 | 0:28 | | 0:33 | 2:20 | 0:35 | | | |
| | SPM | 16:55 | 16:46 | 16:58 | 16:57 | 16:56 | 17:44 | 20:30 | | | 20:06 | 18:48 | 18:21 | 18:10 | 17:57 | 18:13 | 17:50 | 18:50 | 17:56 | 17:54 | 18:02 | 18:03 | 18:24 | 18:09 | 18:22 | 18:04 | 18:11 | | | 18:33 | 19:02 | | 26 | |
| | | 2:47 | 2:56 | 2:44 | 2:30 | 2:14 | 19:40 | 1:50 | | | 1:32 | 2:01 | 1:16 | 1:40 | 18:52 | 1:32 | 1:04 | 0:00 | 0:54 | 1:09 | 1:05 | 0:58 | 0:45 | 0:44 | 0:54 | 0:51 | 0:27 | | | 2:20 | 0:42 | | | |
| | ASI | 16:51 | 16:42 | 16:54 | 16:52 | 16:53 | 17:28 | 20:27 | 18:14 | 22:49 | 20:02 | 17:43 | 17:53 | 18:07 | 17:51 | 18:06 | 17:44 | 18:19 | 17:41 | 17:50 | 17:56 | 17:59 | 18:18 | 18:00 | 18:17 | 18:00 | 18:08 | | 18:32 | 18:29 | 18:53 | | 29 | |
| | | 2:46 | 2:59 | 2:44 | 2:30 | 2:14 | 19:40 | 1:50 | 2:00 | 2:06 | 1:32 | 2:26 | 1:12 | 1:58 | 18:52 | 1:31 | 1:02 | 1:26 | 1:23 | 1:10 | 1:06 | 1:18 | 0:27 | 1:00 | 0:56 | 0:52 | 0:28 | | 0:32 | 0:58 | 0:53 | | | |
| | CAI | 16:49 | 16:40 | 16:52 | 16:50 | 16:49 | 17:26 | 20:25 | 18:12 | 17:46 | 20:00 | 17:40 | 17:50 | 18:03 | 18:06 | 18:33 | | 18:38 | 17:51 | 17:48 | 17:54 | 17:57 | 18:15 | 18:05 | 18:15 | 18:18 | 18:06 | | 18:38 | 18:26 | 19:04 | | 28 | |
| | | 2:58 | 3:05 | 3:00 | 2:39 | 2:24 | 19:39 | 2:10 | 2:07 | 2:14 | 1:45 | 2:34 | 2:15 | 2:08 | ? | 1:54 | | 1:35 | 1:30 | 1:24 | 1:19 | 1:23 | 1:13 | 1:05 | 1:10 | 0:58 | 0:38 | | 0:28 | 0:56 | 0:45 | | | |
| | TS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| | Aa | A | (M) | M | (M) | (M) | U | (M) | U | (M) | (M) | A | A | M | U | (M) | M | M | M | M | M | M | M | M | M | (M) | U | U | U | Q | M | | | |
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | TD | ALL |
| Oct | ATV | 18:41 | 20:20 | 18:47 | 19:00 | 19:01 | 19:22 | 21:41 | 18:46 | 18:53 | 20:18 | 19:52 | 19:49 | 19:53 | 20:00 | | 20:24 | 20:06 | 19:47 | 21:02 | 20:20 | 20:28 | 20:04 | 20:15 | | | | | | | | | 22 | 196 |
| | | 0:25 | 0:12 | 0:19 | 23:37 | 23:41 | 23:28 | 23:44 | 23:29 | 23:22 | 23:22 | 22:55 | 22:46 | 22:38 | 22:34 | | 21:46 | 22:54 | 22:37 | 22:38 | 22:10 | 22:11 | 22:21 | 22:20 | | | | | | | | | | |
| | SPM | 18:50 | | 18:51 | 19:04 | | | | 18:42 | 18:57 | | 20:04 | 21:01 | 20:05 | 20:15 | | 20:28 | 20:02 | 19:51 | | | | | | | | | | | | | | 12 | 170 |
| | | 0:26 | | 0:20 | 23:36 | | | | 23:32 | 23:25 | | 22:56 | 22:47 | 22:34 | 21:41 | | 21:48 | 22:55 | 22:38 | | | | | | | | | | | | | | | |
| | ASI | 18:47 | 20:27 | 18:47 | 19:00 | 19:01 | 19:26 | 21:49 | 19:12 | 19:00 | 20:17 | 19:52 | 19:49 | 19:53 | 20:00 | | 20:24 | 19:52 | 19:48 | 21:11 | 20:20 | 20:28 | 20:11 | 20:12 | | | 19:27 | 19:26 | 19:00 | 19:55 | ? | | 27 | 200 |
| | | 1:20 | 0:12 | 0:19 | 23:37 | 23:41 | 23:25 | 23:29 | 0:00 | 0:00 | 23:31 | 22:54 | 22:46 | 22:37 | 22:34 | | 22:23 | 22:52 | 22:37 | 22:14 | 22:10 | 22:11 | 22:48 | 22:11 | | | 23:03 | 23:05 | 22:00 | 22:55 | ? | | | |
| | CAI | 18:54 | 20:18 | 18:45 | 18:57 | 19:07 | 19:19 | 22:02 | 18:27 | 19:17 | 20:27 | 19:58 | 20:01 | 20:00 | 20:05 | | 20:21 | 19:36 | 19:43 | | 20:18 | 20:26 | | | | | 19:36 | 19:02 | | | | | 21 | 92 |
| | | 0:30 | 0:18 | 0:22 | 23:46 | 23:47 | 23:29 | 23:42 | 0:06 | 23:50 | 23:27 | 23:01 | 22:57 | 22:45 | ? | | 22:21 | 22:36 | 22:45 | | 22:16 | 22:16 | | | | | 23:04 | 23:00 | | | | | | |
| | TS | | | | | | 19:01 | 21:53 | 18:15 | 19:02 | | | | | | | | 19:46 | 19:52 | 19:04 | | | 19:36 | 18:57 | | | 19:03 | 19:01 | 19:03 | 19:55 | | | 13 | 13 |
| | | | | | | | ? | 23:53 | 0:15 | 0:32 | | | | | | | | 22:46 | 22:39 | 23:04 | | | 22:25 | 22:36 | | | 22:53 | 23:00 | 23:02 | 22:55 | | | | |
| | Aa | A | U | U | U | M | U | U | A | M | M | M | U | M | Q | U | Q | Q | Q | U | U | U | U | U | U | U | | | | | | | | | |

Aa : Auroral activity (A: Active, M: Moderate, Q: Quiet, U: Unknown)　　Aa の(　)付きは雲の上に観測されたもの　　10月26日以降のAaは未確認

観測時刻の？は観測ログ用紙が無い、または時刻の記入が無いもの。 SPMの3月6日、7日、ASIの10月22日は、観測を行ったがデータが保存されていない。

TS(Tele Science)の観測日は未確認。