

## JARE DATA REPORTS

|         |                 |   |                |
|---------|-----------------|---|----------------|
| No. 2   | (Ionosphere 1)  | Riometer records of 30 MHz cosmic noise at Syowa Station, Antarctica from February 1967 to February 1968              | November 1968  |
| No. 5   | (Ionosphere 2)  | Records of radio aurora at Syowa Station, Antarctica from March 1966 to January 1968                                  | March 1969     |
| No. 7   | (Ionosphere 3)  | Riometer records of 30 MHz cosmic noise at Syowa Station, Antarctica from February 1968 to February 1969              | March 1970     |
| No. 8   | (Ionosphere 4)  | Riometer records of 30 MHz cosmic noise at Syowa Station, Antarctica 1969   | November 1970  |
| No. 14  | (Ionosphere 5)  | Riometer records of 30 MHz cosmic noise at Syowa Station, Antarctica in 1970  | November 1971  |
| No. 15  | (Ionosphere 6)  | Records of radio aurora at Syowa Station, Antarctica from April 1970 to February 1971                                 | February 1972  |
| No. 18  | (Ionosphere 7)  | Riometer records of 30 MHz cosmic noise at Syowa Station, Antarctica in 1971  | November 1972  |
| No. 20  | (Ionosphere 8)  | Riometer records of 30 MHz cosmic noise at Syowa Station, Antarctica in 1972  | September 1973 |
| No. 22  | (Ionosphere 9)  | Correlation records of VLF hiss and ionospheric absorption of cosmic radio noise at Syowa Station, Antarctica in 1972 | March 1974     |
| No. 23  | (Ionosphere 10) | Records of radio aurora at Syowa Station, Antarctica in 1972  | March 1974     |
| No. 24  | (Ionosphere 11) | Riometer records of 30 MHz cosmic noise at Syowa Station, Antarctica 1973   | September 1974 |
| No. 26  | (Ionosphere 12) | Records of radio aurora at Syowa Station, Antarctica in 1973  | January 1975   |
| No. 29  | (Ionosphere 13) | Riometer records of 30 MHz cosmic noise at Syowa Station, Antarctica in 1974  | October 1975   |
| No. 33  | (Ionosphere 14) | Records of radio aurora at Syowa Station, Antarctica in 1974  | March 1976     |
| No. 35  | (Ionosphere 15) | Riometer records of 30 MHz cosmic noise at Syowa Station, Antarctica in 1975  | November 1976  |
| No. 37  | (Ionosphere 16) | Records of radio aurora at Syowa Station, Antarctica in 1975  | March 1977     |
| No. 41  | (Ionosphere 17) | Riometer records of 30 MHz cosmic noise at Syowa Station, Antarctica in 1976  | November 1977  |
| No. 42  | (Ionosphere 18) | Records of radio aurora at Syowa Station, Antarctica in 1976  | February 1978  |
| No. 46  | (Ionosphere 19) | Riometer records of 30 MHz cosmic noise at Syowa Station, Antarctica in 1977  | November 1978  |
| No. 51  | (Ionosphere 20) | Riometer records of 30 MHz cosmic noise at Syowa Station, Antarctica in 1978  | November 1978  |
| No. 53  | (Ionosphere 21) | Records of radio aurora at Syowa Station, Antarctica in 1978  | March 1980     |
| No. 56  | (Ionosphere 22) | Riometer records of 30 MHz cosmic noise at Syowa Station, Antarctica in 1979  | November 1980  |
| No. 58  | (Ionosphere 23) | Records of radio aurora at Syowa Station, Antarctica in 1979  | November 1980  |
| No. 68  | (Ionosphere 24) | Records of radio aurora at Syowa Station, Antarctica in 1980  | March 1982     |
| No. 69  | (Ionosphere 25) | Data of field strength measurement of HF radio waves measured at Syowa Station during the period from 1974-1979       | March 1982     |
| No. 70  | (Ionosphere 26) | Riometer records of 30 MHz cosmic noise at Syowa Station, Antarctica in 1980  | March 1982     |
| No. 80  | (Ionosphere 27) | Riometer records of 30 MHz cosmic noise at Syowa Station, Antarctica in 1981  | March 1983     |
| No. 81  | (Ionosphere 28) | Records of radio aurora at Syowa Station, Antarctica in 1981  | March 1983     |
| No. 87  | (Ionosphere 29) | Riometer records of 30 MHz cosmic noise at Syowa Station, Antarctica in 1982  | January 1984   |
| No. 88  | (Ionosphere 30) | Records of radio aurora at Syowa Station, Antarctica in 1982  | January 1984   |
| No. 99  | (Ionosphere 31) | Riometer records of 30 MHz cosmic noise at Syowa Station, Antarctica in 1983  | February 1985  |
| No. 100 | (Ionosphere 32) | Records of radio aurora at Syowa Station, Antarctica in 1983  | February 1985  |
| No. 112 | (Ionosphere 33) | Riometer records of 30 MHz cosmic noise at Syowa Station, Antarctica in 1984  | March 1986     |
| No. 113 | (Ionosphere 34) | Records of radio aurora at Syowa Station, Antarctica in 1984  | March 1986     |

|                         |   |               |
|-------------------------|---|---------------|
| No. 122 (Ionosphere 35) | Riometer records of 30 MHz cosmic noise at Syowa Station, Antarctica in 1985                | March 1987    |
| No. 123 (Ionosphere 36) | Records of radio aurora at Syowa Station, Antarctica in 1985                                | March 1987    |
| No. 133 (Ionosphere 37) | Riometer records of 30 MHz cosmic noise at Syowa Station, Antarctica in 1986                | March 1988    |
| No. 134 (Ionosphere 38) | Records of radio aurora at Syowa Station, Antarctica in 1986                                | March 1988    |
| No. 141 (Ionosphere 39) | Riometer records of 30 MHz cosmic noise at Syowa Station, Antarctica in 1987                | March 1989    |
| No. 146 (Ionosphere 40) | Records of radio aurora at Syowa Station, Antarctica in 1987                                | March 1989    |
| No. 154 (Ionosphere 41) | Records of radio aurora at Syowa Station, Antarctica in 1988                                | March 1990    |
| No. 155 (Ionosphere 42) | Riometer records of 30 MHz cosmic noise at Syowa Station, Antarctica in 1988                | March 1990    |
| No. 167 (Ionosphere 43) | Records of radio aurora at Syowa Station, Antarctica in 1989                                | March 1991    |
| No. 168 (Ionosphere 44) | Riometer records of 30 MHz cosmic noise at Syowa Station, Antarctica in 1989                | March 1991    |
| No. 170 (Ionosphere 45) | HF field strength data measured at Syowa Station, Antarctica from January to December, 1988 | November 1991 |
| No. 175 (Ionosphere 46) | Records of radio aurora at Syowa Station, Antarctica in 1990                                | March 1992    |
| No. 176 (Ionosphere 47) | Riometer records of 30 MHz cosmic noise at Syowa Station, Antarctica in 199                 | March 1992    |
| No. 188 (Ionosphere 48) | Records of radio aurora at Syowa Station, Antarctica in 1991                                | March 1993    |
| No. 189 (Ionosphere 49) | Riometer records of 30 MHz cosmic noise at Syowa Station, Antarctica in 1991                | March 1993    |
| No. 191 (Ionosphere 50) | HF field strength data measured at Syowa Station, Antarctica from January to December, 1991 | March 1993    |
| No. 195 (Ionosphere 51) | Records of radio aurora at Syowa Station, Antarctica in 1992                                | March 1994    |
| No. 196 (Ionosphere 52) | Radio observation data at Syowa Station, Antarctica during 1992                             | March 1994    |
| No. 197 (Ionosphere 53) | HF field strength data measured at Syowa Station, Antarctica from January to December, 1992 | March 1994    |
| No. 206 (Ionosphere 54) | Radio observation data at Syowa Station, Antarctica during 1993                             | March 1995    |
| No. 212 (Ionosphere 55) | Radio observation data at Syowa Station, Antarctica during 1994                             | March 1996    |
| No. 213 (Ionosphere 56) | HF field strength data measured at Syowa Station, Antarctica from January to December, 1994 | March 1996    |
| No. 220 (Ionosphere 57) | Records of radio aurora at Syowa Station, Antarctica in 1993 and 1994                       | March 1997    |
| No. 226 (Ionosphere 58) | Radio observation data at Syowa Station, Antarctica during 1995                             | March 1997    |
| No. 227 (Ionosphere 59) | Records of radio aurora at Syowa Station, Antarctica in 1995 and 1996                       | March 1997    |
| No. 230 (Ionosphere 60) | HF field strength data measured at Syowa Station, Antarctica from January to December, 1995 | March 1998    |
| No. 231 (Ionosphere 61) | Radio observation data at Syowa Station, Antarctica during 1996                             | March 1998    |
| No. 232 (Ionosphere 62) | Records of radio aurora at Syowa Station, Antarctica in 1996                                | March 1998    |
| No. 240 (Ionosphere 63) | Radio observation data at Syowa Station, Antarctica during 1997                             | March 1999    |
| No. 241 (Ionosphere 64) | Records of radio aurora at Syowa Station, Antarctica in 1997                                | March 1999    |