

HXUS BOU 180550

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 018A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 0600Z 18 JANUARY 1976

IA. SOLAR ACTIVITY HAS BEEN VERY LOW DURING THE PAST EIGHT HOURS.  
THE DISK REGION 676 (S11E01) IS QUIET AND SLOWLY DECAYING. THE  
LIMBS ARE QUIET.

IB. SOLAR ACTIVITY WILL CONTINUE AT A VERY LOW LEVEL.

II. THE GEOMAGNETIC FIELD HAS BEEN SLIGHTLY UNSETTLED DURING THE  
PAST EIGHT HOURS. IT IS EXPECTED TO CONTINUE AT THIS LEVEL DURING  
THE NEXT 24 HOURS.

III. EVENT PROBABILITIES 18 JANUARY - 20 JANUARY

CLASS M 05/05/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 17 JANUARY 79

PREDICTED 18-20 JANUARY 78/77/77

90-DAY MEAN 17 JANUARY 77

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 16 JANUARY 06

ESTIMATED AFR/AP 17 JANUARY 09/11

PREDICTED AFR/AP 18-20 JANUARY 08/08 - 08/08 - 05/05

SOLTERWARN

BT

HFUS 1 BOU 181500

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO

SDF NUMBER 018B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 1500Z 18 JAN 1976

IA. SOLAR ACTIVITY HAS BEEN VERY LOW. X-RAY BACKGROUND LEVELS  
HAVE BEEN AT ABOUT  $5E-5$  LEVELS BUT SMALL EVENTS PRODUCING FLUXES  
TO  $1E-4$  HAVE BEEN OCCURRING AT THE RATE OF ONE EVERY ONE TO TWO  
HOURS. THESE EVENTS ARE PROBABLY ASSOCIATED WITH MINOR PLAGE  
VARIATIONS IN REGION 676 (S11W03) WHERE SPOT BREAKUP CONTINUES.

IB. SOLAR ACTIVITY IS EXPECTED TO CONTINUE VERY LOW.

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED. IT IS EXPECTED TO  
BE QUIET TO UNSETTLED THROUGH THE FORECAST PERIOD.

III. EVENT PROBABILITIES 18 JANUARY - 20 JANUARY

CLASS M 10/05/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 17 JANUARY 79

PREDICTED 18-20 JANUARY 78/77/77

90-DAY MEAN 17 JANUARY 77

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 16 JANUARY 06

ESTIMATED AFR/AP 17 JANUARY 10/11

PREDICTED AFR/AP 18-20 JANUARY 08/08 - 08/08 - 06/05

SOLTERWARN

BT

HFUS LBOU 182200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER CO

SDF NUMBER 18

JOIN AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 2200Z 18 JAN 1976

IA. SOLAR ACTIVITY HAS BEEN VERY LOW. MINOR X-RAY FLUCTUATIONS  
UP TO  $1E-4$  ON 1-8 Å BAND CONTINUED AT THE RATE OF ABOUT  
1-2 PER HOUR. SLOW DECAY CONTINUES IN ACTIVE REGION 676 (S11W10).

IB. ACTIVITY IS EXPECTED TO CONTINUE VERY LOW BUT WITH MINOR  
X-RAY EVENTS CONTINUING FROM REGION 676. THERE IS A SLIGHT  
CHANCE THAT ONE OF THESE MAY RANGE UP TO CLASS C OR CLASS M  
INTENSITY.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET. IT IS EXPECTED TO BE  
QUIET UNTIL 21 JAN WHEN A RECURRENT UNSETTLED TO ACTIVE PERIOD  
IS DUE.

III. EVENT PROBABILITIES 19 JAN - 21 JAN

CLASS M 05/05/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 18 JAN 79

PREDICTED 19 - 21 JAN 78/78/77

90-DAY MEAN 77

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 07 JAN 10

ESTIMATED AFR/AP 18 JAN 08/10

PREDICTED AFR/AP 19 - 21 JAN 08/08 - 05/05 - 15/15

SOLTERWARN

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