

HFUS 1 BOU 040545

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 004A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL  
ACTIVITY ISSUED 0600Z 04 JANUARY 1975

IA. SOLAR ACTIVITY HAS BEEN VERY LOW DURING THE PAST EIGHT  
HOURS. THE DISK REGIONS AND THE LIMBS APPEAR STABLE AND QUIET.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN AT A VERY LOW LEVEL.

II. THE GEOMAGNETIC FIELD IS SLIGHTLY UNSETTLED AND IS EXPECTED  
TO REMAIN UNSETTLED DURING THE NEXT 24 HOURS.

III. NO CHANGE.

IV. NO CHANGE.

V. NO CHANGE.

SOLTERWARN

BT

HFUS 1 BOU 041430

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 004B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 1430Z 04 JAN 1975

IA. SOLAR ACTIVITY CONTINUES VERY LOW. NO FLARES HAVE BEEN  
REPORTED FOR ALMOST 36 HOURS. MANY OBSERVATORIES HAVE BEEN  
TROUBLED BY WEATHER DURING THE PAST 12 HOURS, BUT LOW ACTIVITY  
IS CONFIRMED BY GOES SATELLITE.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN VERY LOW.

II. THE GEOMAGNETIC FIELD MOVED FROM UNSETTLED LEVELS TO ACTIVE  
LEVELS DURING THE PAST 12 HOURS. ACTIVITY IS EXPECTED TO INCREASE  
THROUGH THE FORECAST PERIOD, REACHING MINOR MAGNETIC STORM LEVELS  
DURING LOCAL NIGHT TIME HOURS.

III. EVENT PROBABILITIES 04 - 06 JAN 1975

CLASS M 03/03/03

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 03 JAN 80

PREDICTED 04 - 06 JAN 80/80/82

90-DAY MEAN 03 JAN

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 02 JAN 2

ESTIMATED AFR/AP 03 JAN 7/7

PREDICTED AFR/AP 04 - 06 JAN 15/19 - 20/26 - 25/34

SOLTERWARN

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HFUS 1 BOU 042205

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 004

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 2200Z 04 JANUARY 1975

IA. SOLAR ACTIVITY CONTINUES VERY LOW. NO FLARES HAVE BEEN RE-  
PORTED FOR ALMOST 48 HOURS. ALL REGIONS ARE QUIET, BUT THERE  
IS SOME TYPE III RADIO BURST ACTIVITY ASSOCIATED WITH REGION  
546 (S08W11). THE LARGE SPOT IN THIS REGION HAS SPLIT INTO TWO  
PIECES.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN LOW.

II. THE GEOMAGNETIC FIELD ACTIVITY BEGAN TO INCREASE MARKEDLY  
AT ABOUT 04/0400Z. THE FIELD IS EXPECTED TO BE ESSENTIALLY ACTIVE  
FOR THE NEXT 72 HOURS, OCCASIONALLY REACHING MINOR MAGNETIC  
STORM LEVELS DURING LOCAL NIGHT TIME HOURS.

III. EVENT PROBABILITIES 05 JAN - 07 JAN

CLASS M 03/03/03

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 04 JAN 77

PREDICTED 05 JAN - 07 JAN 77/78/80

90-DAY MEAN 04 JAN 88

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 03 JAN 77

ESTIMATED AFR/AP 04 JAN 16/29

PREDICTED AFR/AP 05 JAN - 07 JAN 16/29 - 25/34 - 18/23

SOLTERWARN

BT