

HFUS 1 BOU 040600

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 004A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 0600Z 4 JAN 1974

IA. SOLAR ACTIVITY IS AT A VERY LOW LEVEL. THE ONLY SPOT GROUP ON  
THE DISK, RGN 312 (S15W20), IS QUIET, SIMPLE AND APPEARS TO BE  
DECAYING.

IB. SOLAR ACTIVITY IS EXPECTED TO CONTINUE AT A VERY LOW LEVEL FOR  
THE NEXT 48 HOURS.

II. THE GEOMAGNETIC FIELD IS QUIET. UNSETLED TO OCCASIONALLY  
ACTIVE CONDITIONS ARE EXPECTED ON 5 JAN.

III. EVENT PROBABILITIES 04 - 06 JAN

CLASS M 02/02/02

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 03 JAN 76

PREDICTED 04-06 JAN 75/74/74

90-DAY MEAN 03 JAN 84

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 02 JAN 06

ESTIMATED AFR/AP 03 JAN 06/07

PREDICTED AFR/AP 04-06 JAN 05/06 - 10/11 - 07/08

SOLTERWARN

SPAN

BT

HFUS BOU 041300  
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO.  
SDF NUMBER 004B  
JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 1300Z 04 JAN 1974

IA. SOLAR ACTIVITY HAS BEEN VERY LOW. NO FLARES HAVE BEEN  
REPORTED FOR ALMOST 24 HOURS. REGION 312 (S15W24) CONTINUES ITS  
GRADUAL DECLINE.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN AT THIS VERY LOW LEVEL  
THROUGH THE FORECAST PERIOD.

II. THE GEOMAGNETIC FIELD HAS BEEN ESSENTIALLY QUIET. UNSETLED  
TO OCCASIONALLY ACTIVE CONDITIONS ARE EXPECTED ON 5 JAN.

III. EVENT PROBABILITIES 04 JAN - 06 JAN

CLASS M 02/02/02  
CLASS X 01/01/01  
PROTON 01/01/01  
PCAF GREEN

IV. OTTAWA 10.7 CM FLUX  
OBSERVED 03 JAN 76  
PREDICTED 04 - 06 JAN 75/74/74  
90-DAY MEAN 03 JAN 84

V. GEOMAGNETIC A INDICES  
OBSERVED FREDERICKSBURG 02 JAN 06  
ESTIMATED AFR/AP 03 JAN 06/07  
PREDICTED AFR/AP 04 - 06 JAN 05/06 - 10/11 - 07/08  
SOLTERWARN  
SPAN  
BT

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO  
SDF NUMBER 004  
JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 2200Z 04 JANUARY 1974.

IA. NO SOLAR ACTIVITY HAS BEEN OBSERVED DURING THE PAST 24 HOURS.  
TWO SMALL PLAGES ARE VISIBLE IN HYDROGEN ALPHA. REGION 312  
(S14W30) CONTAINS A SMALL SUNSPOT GROUP WHICH IS BASICALLY SIMPLE  
BUT STRONG SUNSPOT PROPER MOTIONS MAY BE INCREASING THE MAG-  
NETIC FIELD GRADIENTS WITHIN THE REGION. REGION 314 (N07E68)  
CONTAINS A FAINT PLAGE BUT NO SPOTS.

IB. CONTINUED VERY LOW SOLAR ACTIVITY IS EXPECTED FOR THE NEXT  
72 HOURS.

II. THE GEOMAGNETIC FIELD WAS QUIET UP TO 04/1800Z. A GEOMAG-  
NETIC BAY 04/1800-2100Z RESULTED IN A K-INDEX OF 4. UNSETLED  
CONDITIONS ARE EXPECTED 05 JAN, QUIET CONDITIONS 06-07 JAN.

III. EVENT PROBABILITIES 05 JAN - 07 JAN.

CLASS M 02/02/02  
CLASS X 01/01/01  
PROTON 01/01/01  
PCAF GREEN

IV. OTTAWA 10.7 CM FLUX.  
OBSERVED 04 JAN 75  
PREDICTED 05 JAN - 07 JAN 75/76/77  
90-DAY MEAN 04 JAN 83

V. GEOMAGNETIC A INDICES.  
OBSERVED FREDERICKSBURG 03 JAN 09  
ESTIMATED AFR/AP 04 JAN 08/09  
PREDICTED AFR/AP 05 JAN - 07 JAN 10/11 - 07/08 - 07/08  
SOLTERWARN  
SPAN  
BT