

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. UNSETTLED 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. UNSETTLED
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. UNSETTLED
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