

HFUS 1 BCU 020600
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO
SDF NUMBER 002A
JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 020600Z JAN 1974
IA. NO FLARES HAVE BEEN REPORTED THIS ZULU DAY AS SOLAR ACTIVITY
CONTINUES AT A VERY LOW LEVEL.
IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN AT A VERY LOW LEVEL
FOR THE DURATION OF THIS FORECAST PERIOD.
II. THE GEOMAGNETIC FIELD IS QUIET AND NO SIGNIFICANT CHANGES ARE
EXPECTED.
III. EVENT PROBABILITIES 02 JAN - 04 JAN
CLASS M 01/01/01
CLASS X 01/01/01
PROTON 01/01/01
PCAF GREEN
IV. OTTAWA 10.7 CM FLUX
OBSERVED 01 JAN 74
PREDICTED 02-04 JAN 74/74/75
90-DAY MEAN 01 JAN 84
V. GEOMAGNETIC A INDICES
OBSERVED FREDERICKSBURG 31 DEC 13
ESTIMATED AFR/AP 01 JAN 10/11
PREDICTED AFR/AP 02-04 JAN 07/08 - 06/07 - 05/06
SOLTERWARN
SPAN
BT

HFUS 1 BOU 021300

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 002B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1300Z 02 JANUARY 1974

IA. SOLAR ACTIVITY REMAINS AT A VERY LOW LEVEL. A SUBNORMAL FLARE IN REGION 312 (S16E03) AT 0523Z WAS ACCOMPANIED BY A DARK SURGE, A TYPE III DEKAMETRIC BURST, AND A 38 FLUX UNIT BURST AT 610 MHZ. THIS REGION HAS GROWN RAPIDLY DURING THE LAST 12 HOURS TO A "D TYPE" SPOT GROUP WITH AN ACTIVE DARK FILAMENT AND AN ARCH FILAMENT SYSTEM. NEW REGION 313 (S08E22) IS A SMALL SPOTLESS BIPOLAR PLAGE.

IB. SOLAR ACTIVITY IS EXPECTED TO BE VERY LOW TO LOW THROUGHOUT THE FORECAST PERIOD. REGION 312 WILL PROBABLY BEGIN MORE FREQUENT FLARE PRODUCTION, AND FURTHER DEVELOPMENT HERE COULD BRING A SIGNIFICANT EVENT.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET TO MILDLY UNSETTLED. QUIET CONDITIONS ARE EXPECTED THROUGH THE REST OF THE FORECAST PERIOD.

III. EVENT PROBABILITIES 02 JAN - 04 JAN

CLASS M 05/10/10

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 01 JAN 74

PREDICTED 02 JAN - 04 JAN 74/74/75

90-DAY MEAN 01 JAN 84

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 31 DEC 13

ESTIMATED AFR/AP 01 JAN 10/11

PREDICTED AFR/AP 02 JAN - 04 JAN 07/08 - 06/07 - 05/06

SOLTERWARN

SPAN

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FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 002

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 02 JANUARY 1974.

IA. SOLAR ACTIVITY HAS REMAINED VERY LOW. REGION 312 (S15W05)
HAS STABILIZED ITS GROWTH DURING THE PAST 12 HOURS. THREE SUB-
FLARES HAVE BEEN REPORTED FROM THIS REGION TODAY. THE OTHER DISK
REGIONS ARE SPOTLESS WITH NO INDICATION OF GROWTH.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN VERY LOW. REGION 312
IS EXPECTED TO REMAIN SIMPLE WITH LITTLE ADDITIONAL GROWTH.

II. THE GEOMAGNETIC FIELD HAS BEEN SLIGHTLY UNSETTLED. IT IS
EXPECTED TO BE QUIET, BECOMING UNSETTLED AT THE END OF THE
FORECAST PERIOD.

III. EVENT PROBABILITIES 03 JAN - 05 JAN.

CLASS M 05/05/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX.

OBSERVED 02 JAN 76

PREDICTED 03 JAN - 05 JAN 75/76/76

90-DAY MEAN 02 JAN 84

V. GEOMAGNETIC A INDICES.

OBSERVED FREDERICKSBURG 01 JAN 12

ESTIMATED AFR/AP 02 JAN 08/09

PREDICTED AFR/AP 03 JAN - 05 JAN 06/07 - 05/06 - 10/11

SOLTERWARN

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