

HFUS 1 BOU 080500

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 251A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0500Z 08 SEPTEMBER 1974

IA. A ONE NORMAL FLARE WAS OBSERVED 07/2301Z IN THE FLARE AREA WEST
OF REGION 483 (S14E24). SMALL X-RAY BURST WAS OBSERVED ON SATELLITES
BUT NO GROUND EFFECTS WERE OBSERVED. ALL REGIONS AND THE LIMBS HAVE
BEEN QUIET SINCE THAT EVENT.

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

II. THE GEOMAGNETIC FIELD IS QUIET TO UNSETTLED AND IS EXPECTED TO
REMAIN QUIET TO UNSETTLED.

III. EVENT PROBABILITIES - NO CHANGE

IV. OTTAWA 10.7 CM FLUX - NO CHANGE

V. GEOMAGNETIC A INDICES - NO CHANGE

SOLTERWARN

BT

HFUS BOU 081400
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO
SDF NUMBER 251B
JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1400Z 08 SEP 1974
IA. SOLAR ACTIVITY HAS BEEN VERY LOW DURING THE PAST EIGHT HOURS.
NO FLARES HAVE BEEN OBSERVED AS ALL REGIONS ON THE DISK HAVE BEEN
STABLE.
IB. SOLAR ACTIVITY WILL REMAIN VERY LOW.
II. THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED THUS FAR TODAY AND WILL
REMAIN SO THROUGHOUT THE FORECAST PERIOD.
III. EVENT PROBABILITIES 08 - 10 SEP
CLASS M 10/15/25
CLASS X 01/01/01
PROTON 01/01/01
PCAF GREEN
IV. OTTAWA 10.7 CM FLUX
OBSERVED 07 SEP 84
PREDICTED 08 - 10 SEP 85/86/85
90-DAY MEAN 07 SEP 86
V. GEOMAGNETIC A INDICES
OBSERVED FREDERICKSBURG 06 SEP 13
ESTIMATED AFR/AP 07 SEP 11/12
PREDICTED AFR/AP 08 - 10 SEP 09/12 - 10/13 - 09/12
SOLTERWARN
BT

HFUS BOU 082200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 251

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 08 SEPTEMBER 1974

IA. SOLAR ACTIVITY HAS BEEN VERY LOW. NO FLARES HAVE BEEN REPORTED TODAY, AND ALL SPOT GROUPS ON THE DISK HAVE BEEN STABLE OR DECLINING. HOWEVER, A NEW GROUP IS ROTATING OVER EAST LIMB NEAR N08 WHERE NEAR CONTINUOUS SURGES HAVE BEEN REPORTED. DEKAMETRIC TYPE III SWEEP ACTIVITY HAS PROBABLY BEEN ASSOCIATED WITH THE SURGES. AT THIS TIME LIMB PROXIMITY PREVENTS EXTENSIVE ANALYSIS OF THE NEW REGION.

IB. AN INCREASE IN ACTIVITY IS ANTICIPATED DURING THE FORECAST PERIOD. EXPECT OCCASIONAL SUBFLARES AND PERHAPS AN ISOLATED ENERGETIC EVENT IN THE NEXT 72 HOURS.

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED THUS FAR TODAY. SIMILAR CONDITIONS ARE EXPECTED FOR THE NEXT 72 HOURS.

III. EVENT PROBABILITIES 09 SEPT - 11 SEPT

CLASS M 15/20/25

CLASS X 01/01/02

PROTON 01/01/02

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 08 SEPT 92

PREDICTED 09 SEPT - 11 SEPT 94/95/96

90-DAY MEAN 08 SEPT 86

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 07 SEPT 10

ESTIMATED AFR/AP 08 SEPT 08/11

PREDICTED AFR/AP 09 SEPT - 11 SEPT 08/11 - 07/09 - 07/09

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