

HFUS 1 BOU 260500

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO

SDF NUMBER 360A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0500Z 26 DEC 1974

IA. SOLAR ACTIVITY CONTINUES TO BE VERY LOW. REGION 539 (N06W31)
PRODUCED A SUBFLARE AT 26/0130Z BUT REMAINS ESSENTIALLY UNCHANGED.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN VERY LOW.

II. THE GEOMAGNETIC FIELD CONTINUES AT QUIET LEVELS. SIMILAR LEVELS
ARE EXPECTED FOR THE REMAINDER OF THE FORECAST PERIOD.

III. EVENT PROBABILITIES NO CHANGE

IV. OTTAWA 10.7 CM FLUX NO CHANGE

V. GEOMAGNETIC A INDICES NO CHANGE

SOLTERWARN

BT

HFUS 1 BOU 261430

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 360B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1430Z 26 DEC 1974

IA. SOLAR ACTIVITY CONTINUES VERY LOW. THE ONLY ACTIVITY DURING THE
LAST 8 HOURS WAS A SUBFAINT FLARE AT 26/1114Z IN REGION 539

(N06W36). THE NEUTRAL LINE FILAMENT THROUGH THE REGION REMAINS
ACTIVE. THE REST OF THE DISK CONTINUES QUIET.

IB. ADDITIONAL ACTIVITY IS LIKELY FROM REGION 539 WITH A CHANCE
OF A SMALL CLASS M EVENT DURING THE FORECAST PERIOD.

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED TO ACTIVE AT TIMES THIS
ZULU DAY, BUT QUIET CONDITIONS SHOULD RETURN DURING THE LATTER
PORTION OF THE FORECAST PERIOD.

III. EVENT PROBABILITIES- NO CHANGE

IV. OTTAWA 10.7 CM FLUX- NO CHAGE

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 24 DEC 10

ESTIMATED AFR/AP 25 DEC 06/10

PREDICTED AFR/AP 26/28 DEC 15/15 - 06/07 - 03/04

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HFUS 1 BOU 262200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 360

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 26 DEC 1974

IA. SOLAR ACTIVITY HAS REMAINED VERY LOW. REGION 539 (N06W41)
HAS PRODUCED OCCASIONAL CLASS C SUBFLARES.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN LOW. THE PRESENCE OF
MATURE ACTIVE REGION FILAMENTS IN 539 MAKE IT A PROBABLE SOURCE OF
ONE FLARE PER DAY IN THE RANGE CLASS C5 TO M5. NO RETURNING
REGIONS OF SIGNIFICANCE ARE DUE.

II. THE GEOMAGNETIC FIELD HAS BEEN INTERMITTENTLY QUIET AND ACTIVE.
IT IS EXPECTED TO CONTINUE TO BE GENERALLY QUIET WITH UNSETTLED
PERIODS.

III. EVENT PROBABILITIES 27-29 DEC

CLASS M 20/20/20

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 26 DEC 78

PREDICTED 27-29 DEC 77/76/76

90-DAY MEAN 26 DEC 91

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 25 DEC 06

ESTIMATED AFR/AP 26 DEC 14/14

PREDICTED AFR/AP 27-29 DEC 06/07 - 05/07 - 10/15

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