

HFUS 1 BOU 120600

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO

SDF NUMBER 346A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 0600Z 12 DEC 1974

IA. SOLAR ACTIVITY REMAINS VERY LOW. REGION 534 (N11E14) CONTINUES  
TO DEVELOP IN WHITE LIGHT. THIS REGION PRODUCED A CLASS C5, SUB  
BRIGHT FLARE AT 12/0106Z. REGION 535 (OLD REGION 524) HAS ROTATED  
ONTO THE DISK AT N12E87 WHERE IT IS VISIBLE AS A STABLE H TYPE SPOT.

IB. ACTIVITY IS EXPECTED TO SLOWLY INCREASE AS REGION 534 DEVELOPS.  
THIS REGION DOES NOT PRESENTLY POSE A THREAT OF MAJOR ACTIVITY.

II. THE GEOMAGNETIC FIELD HAS BEEN ACTIVE AND IS EXPECTED TO CON-  
TINUE TO BE ACTIVE THROUGHOUT 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 BOU 121445

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 346B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 1430Z 12 DECEMBER 1974

IA. SOLAR ACTIVITY REMAINS VERY LOW. REGION 534 (N11E10)  
CONTINUES TO DEVELOP SLOWLY. A 0B, C5 FLARE WAS OBSERVED  
HERE AT 12/0106Z. REGION 535, NEAR N13E83, HAS ROTATED ONTO  
THE DISK. THIS REGION WAS FORMERLY 524. IT APPEARS STABLE  
WITH AN H SPOT.

IB. SOLAR ACTIVITY SHOULD REMAIN LOW, BUT SLOWLY INCREASING.

II. THE GEOMAGNETIC FIELD HAS BEEN ACTIVE AND IS EXPECTED TO  
REMAIN SO THIS PERIOD.

III. EVENT PROBABILITIES 12 - 14 DEC

CLASS M 10/10/10

CLASS X 02/02/02

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 11 DEC 79

PREDICTED 12 - 14 DEC 81/84/87

90-DAY MEAN 11 DEC 91

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 10 DEC 16

ESTIMATED AFR/AP 11 DEC 15/21

PREDICTED AFR/AP 12 - 14 DEC 15/20 - 10/15 - 15/20

SOLTERWARN

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HFUS BOU 122200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 346

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 2200Z 12 DECEMBER 1974

IA. SOLAR ACTIVITY REMAINS VERY LOW. REGION 534 (N10E04)  
HAS STABILIZED. FOUR SMALL SUBFLARES WERE REPORTED THERE  
IN THE PAST 24 HOURS. REGION 536 (N13E73) APPEARS STABLE  
AND UNIMPRESSIVE. THE SATELLITE X-RAY LEVEL HAS DECREASED.

IV. SOLAR ACTIVITY IS EXPECTED TO BE LOW TO VERY LOW THIS PERIOD.

II. THE GEOMAGNETIC FIELD HAS BEEN ACTIVE AND IS EXPECTED TO  
BE UNSETTLED TO ACTIVE THE NEXT 72 HOURS.

III. EVENT PROBABILITIES 13 - 15 DEC

CLASS M 10/05/05

CLASS X 02/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 12 DEC 80

PREDICTED 13 - 15 DEC 82/85/88

90-DAY MEAN 12 DEC 90

V. GEOMAGNETIC A INDECES

OBSERVED FREDERICKSBURG 11 DEC 14

ESTIMATED AFR/AP 12 DEC 16/20

PREDICTED AFR/AP 13 - 15 DEC 15/20 - 12/15 - 08/10

SOLTERWARN

BT