

HFUS 1 BOU 110600

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO

SDF NUMBER 345A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 0600Z 11 DEC 1974

IA. SOLAR ACTIVITY CONTINUES AT VERY LOW LEVELS. REGION 534  
(N11E27) CONTINUES SLOW GROWTH BUT DOES NOT POSSESS ENERGETIC  
POTENTIAL AT THIS TIME.

IB. ACTIVITY IS EXPECTED TO REMAIN VERY LOW THROUGHOUT THE FORECAST  
PERIOD.

II. THE GEOMAGNETIC FIELD HAS BEEN ACTIVE. UNSETTLED TO ACTIVE  
CONDITIONS ARE EXPECTED FOR THE REMAINDER OF THE FORECAST PERIOD,  
WITH THE MOST DISTURBED CONDITIONS EXPECTED DURING LOCAL NIGHTTIME.

III. EVENT PROBABILITIES NO CHANGE

IV. OTTAWA 10.7 CM FLUX NO CHANGE

V. GEOMAGNETIC A INDICES NO CHANGE  
SOLTERWARN

BT

HXUS BOU 111430

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 345B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 1430Z 11 DECEMBER 1974

IA. SOLAR ACTIVITY REMAINS VERY LOW. REGION 534 (N11E23)  
HAS GROWN IN PLAGE AREA, INCREASED IN INTENSITY, NOW HAS  
PRONOUNCED ARCH FILAMENTS AND THE LEADER SPOT HAS RUDIMENTARY  
PENUMBRA. THERE ARE NO OTHER SIGNIFICANT REGIONS ON THE DISK.

IB. SOLAR ACTIVITY COULD INCREASE AS REGION 534 CONTINUES TO  
DEVELOP AND ALSO WITH THE RETURN OF OLD REGION 524 WHICH IS  
DUE BACK TODAY.

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

III. EVENT PROBABILITIES 11 - 13 DEC

CLASS M 05/05/05/

CLASS X 02/02/02

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 10 DEC 73

PREDICTED 11 - 13 DEC 74/75/75

90-DAY MEAN 10 DEC 91

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 09 DEC 25

ESTIMATED AFR/AP 10 DEC 16/20

PREDICTED AFR/AP 11 - 13 DEC 20/25 - 20/25 - 12/15

SOLTERWARN

BT

HFUS BOU 112200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 345

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 2200Z 11 DECEMBER 1974

IA. SOLAR ACTIVITY REMAINS VERY LOW. REGION 534 (N11E18)  
HAS SHOWN CONSIDERABLE GROWTH OVER THE PAST 24 HOURS. IT NOW  
CONTAINS A D, BETA-GAMMA SPOT GROUP, ARCH FILAMENTS AND ITS  
PLAGE IS VERY BRIGHT. THE EAST LIMB, NEAR N10-15, HAS SHOWN  
SURGES AND AN ACTIVE PROMINENCE, WHICH IS PROBABLY OLD REGION  
524. MINOR X- RAY ACTIVITY HAS BEEN DETECTED BY THE GOES  
SATELLITE.

IB. SOLAR ACTIVITY IS EXPECTED TO INCREASE SOMEWHAT WITH THE  
DEVELOPMENT OF REGION 534 AND THE RETURN OF REGION 524.

II. THE GEOMAGNETIC FIELD HAS BEEN ACTIVE THE PAST 24 HOURS  
AND IS EXPECTED TO REMAIN SO THE REMAINDER OF 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

BT