

HFUS 1 BOU 150555

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 349A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL  
ACTIVITY ISSUED 0600Z 15 DECEMBER 1974

IA. SOLAR ACTIVITY HAS BEEN VERY LOW DURING THE PAST EIGHT  
HOURS. TWO NON-ENERGETIC SUBFLARES HAVE BEEN OBSERVED FROM  
REGION 534 (N11W26).

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN AT A VERY LOW LEVEL.  
A FEW NON-ENERGETIC SUBFLARES ARE EXPECTED.

II. THE GEOMAGNETIC FIELD IS QUIET AND IS EXPECTED TO BE  
QUIET TO MILDLY UNSETTLED DURING THE NEXT 24 HOURS.

III. NO CHANGE.

IV. NO CHANGE.

V. NO CHANGE.

SOLTERWARN

BT

HFUS 1 BOU 151430

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 349B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 1430Z 15 DECEMBER 1974

IA. SOLAR ACTIVITY HAS BEEN VERY LOW THIS ZULU DAY, WITH  
TWO NON-ENERGETIC SUBFLARES OCCURRING IN REGION 534 (N11W31).

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN VERY LOW.

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED. IT IS EXPECTED  
TO REMAIN GENERALLY UNSETTLED, WITH SLIGHTLY ACTIVE CONDITIONS  
DURING LOCAL NIGHT TIMES.

III. EVENT PROBABILITIES 15 - 17 DEC

CLASS M 05/05/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 14 DEC 81

PREDICTED 15 - 17 DEC 83/84/84

90-DAY MEAN 14 DEC 90

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 13 DEC 14

ESTIMATED AFR/AP 14 DEC 11/14

PREDICTED AFR/AP 15 - 17 DEC 10/13 - 10/13 - 15/20

SOLTERWARN

BT

HFUS BOU 152200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO  
SDF NUMBER 349

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 2200Z 15 DECEMBER 1974

IA. SOLAR ACTIVITY HAS BEEN VERY LOW WITH NO ENERGETIC X-RAY  
EVENTS THE PAST 24 HOURS. REGION 534 (N11W36) HAS SHOWN  
SUNSPOT GROWTH WITH PENUMBRA IN THE TRAILER AND INTERMEDIATE  
SPOTS. REGION 536 HAS TRAILER SPOTS WEST THROUGH NORTH OF THE  
LARGE LEADER SPOT. THIS GROWTH MAKES THE REGION BETA GAMMA  
ON KITT PEAKS MAGNETOGRAM. SAC PEAK REPORTS MODERATE GREEN  
LINE CORONA ON THE EAST LIMB.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN LOW WITH A POSSIBILITY  
OF BECOMING MODERATE WITH CONTINUED GROWTH TRENDS IN REGIONS  
534 AND 536.

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED. THE FIELD IS  
EXPECTED TO REMAIN UNSETTLED, BECOMING ACTIVE ON 17 DEC.

III. EVENT PROBABILITIES 16 - 18 DEC

CLASS M 10/10/10

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 15 DEC 86

PREDICTED 16 - 18 DEC 88/89/89

90-DAY MEAN 15 DEC 90

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 14 DEC 11

ESTIMATED AFR/AP 15 DEC 09/12

PREDICTED AFR/AP 16 - 18 DEC 10/13 - 15/20 - 18/23

SOLTERWARN

BT