

HFUS 1 BOU 160550
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO
SDF NUMBER 350A
JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL
ACTIVITY ISSUED 0600Z 16 DECEMBER 1974
IA. SOLAR ACTIVITY HAS BEEN VERY LOW DURING THE PAST EIGHT
HOURS. THE DISK REGIONS APPEAR STABLE AND QUIET.
IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN AT A VERY LOW LEVEL.
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 BOU 161430

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO

SDF NUMBER 350B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1430Z 16 DECEMBER 1974

IA. SOLAR ACTIVITY HAS BEEN VERY LOW. A CLASS C1 X-RAY EVENT WAS
RECORDED BY GOES AT 1009Z WITH NO OPTICAL COUNTERPART YET REPORTED.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN LOW. HOWEVER, SATELLITE
X-RAY LEVELS ARE NOW ABOVE 10-MINUS 4 ERGS/CM/SEC². FREQUENCY
OF CLASS "C" EVENTS IS EXPECTED TO INCREASE.

II. THE GEOMAGNETIC FIELD HAS BEEN SLIGHTLY UNSETTLED. IT IS EX-
PECTED TO BECOME ACTIVE IN THE NEXT 24 HOURS.

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

HFUS BOU 162200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO

SDF NUMBER 350

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 16 DECEMBER 1974

IA. SOLAR ACTIVITY CONTINUES VERY LOW. A CLASS C-1 X-RAY EVENT AT
1009Z WAS ASSOCIATED WITH A SUBFAINT FLARE IN REGION 534
(N12W48). THIS REGION HAS STABILIZED ITS SUNSPOT GROWTH. THE
TRAILER POLARITY PLAGE WEST OF THE LARGE LEADER SUNSPOT IN REGION
536 (N13E18) REMAINS BUT THE ASSOCIATED SUNSPOTS YESTERDAY HAVE
DECAYED. SMALL REGION 538 (S10W16) HAS EMERGED TODAY.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN LOW WITH 1-3 CLASS
"C" EVENTS PER DAY.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET. IT IS EXPECTED TO BE
ACTIVE DURING THE FORECAST PERIOD WITH THE RETURN OF A RECURRENT
STRUCTURE.

III. EVENT PROBABILITIES 17 - 19 DEC

CLASS M 10/10/10

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 16 DEC 91

PREDICTED 17 - 19 DEC 96/98/98

90-DAY MEAN 16 DEC 90

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 15 DEC 10

ESTIMATED AFR/AP 16 DEC 05/06

PREDICTED AFR/AP 17 - 19 DEC 15/20 - 18/23 - 15/20

SOLTERWARN

BT