

HFUS 1 BOU 090530

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 344A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0600Z 09 DECEMBER 1976

IA. SOLAR ACTIVITY HAS BEEN VERY LOW. REGION 759 (N08E31) HAS GROWN
SIGNIFICANTLY AND HAS PRODUCED TWO FLARES REACHING C-CLASS X-RAY
LEVEL. REGION 760 (N24W01) APPEARS STABLE OR DECLINED.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN VERY LOW, HOWEVER C-CLASS
X-RAY EVENTS MAY CONTINUE INFREQUENTLY. THE CHANCE FOR HIGHER LEVEL
ACTIVITY REMAINS POOR.

II. THE GEOMAGNETIC FIELD HAS BEEN, ON THE AVERAGE, UNSETTLED DURING
THE PAST 8 HOURS, BUT IS PRESENTLY QUIET. ACTIVE CONDITIONS ARE
EXPECTED TO RESUME, AND THE RECURRENT GEOMAGNETIC DISTURBANCE IS
PREDICTED TO CONTINUE DURING THE NEXT TWO DAYS.

III. EVENT PROBABILITIES 09 DECEMBER - 11 DECEMBER

CLASS M 05/05/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 08 DECEMBER 73

PREDICTED 09-11 DECEMBER 74/75/75

90-DAY MEAN 08 DECEMBER 74

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 07 DECEMBER 14

ESTIMATED AFR/AP 08 DECEMBER 20/20

PREDICTED AFR/AP 09-11 DECEMBER 17/20 - 17/20 - 13/15

SOLTERWARN

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HFUS 1 BOU 091500

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 344-B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1500Z 09 DEC 1976

IA. SOLAR ACTIVITY HAS BEEN VERY LOW. REGION 760 (N24W07) HAS
DECAYED TO A VERY WEAK STRUCTURE. REGION 759 (N08E27) HAS PRODUCED
SEVERAL SUBFLARES WITH THE LARGEST X-RAY RESPONSE A C-2. DARK SURGES
ARE OCCURRING AROUND THE LEADER SPOT. RAMEY OBSERVATORY REPORTS
20 SUNSPOTS CURRENTLY IN REGION 759.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN VERY LOW TO LOW. CLASS
C X-RAY EVENTS ARE EXPECTED FROM REGION 759.

II. THE GEOMAGNETIC FIELD HAS BEEN QUITE VARIABLE, FROM QUIET TO
MINOR STORM (09/0600-1000Z) AT BOULDER. OVERALL THE FIELD HAS
BEEN ACTIVE. ACTIVE TO MODERATELY UNSETTLED CONDITIONS ARE EX-
PECTED FOR THE BALANCE OF THE FORECAST PERIOD.

III. EVENT PROBABILITIES 09 DECEMBER - 11 DECEMBER

CLASS M 05/05/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 08 DECEMBER 73

PREDICTED 09-11 DECEMBER 74/75/75

90-DAY MEAN 08 DECEMBER 74

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 07 DECEMBER 14

ESTIMATED AFR/AP 08 DECEMBER 20/20

PREDICTED AFR/AP 09-11 DECEMBER 17/20 - 17/20 - 13/15

SOLTERWARN

BT

HFUS 1 BOU 092200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 344

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 09 DEC 1976

CORR COPY

IA. SOLAR ACTIVITY HAS BEEN VERY LOW. REGION 760 (N24W10) HAS
DECAYED. REGION 759 (N07E20) HAS HAD MODERATE GROWTH DURING THE
PAST 24 HOURS. THIS REGION HAS PRODUCED SEVERAL SUBFLARES WITH
THE LARGEST ASSOCIATED X-RAY EVENT BEING A C-2 (09/0203Z).

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN VERY LOW TO LOW WITH
OCCASIONAL CLASS C X-RAY EVENTS OCCURRING IN REGION 759.

II. THE GEOMAGNETIC FIELD HAS BEEN QUITE VARIABLE, FROM QUIET TO
MINOR STORM (09/0600 - 1000Z) AT BOULDER. OVERALL THE FIELD HAS
BEEN ACTIVE. THE FIELD IS EXPECTED TO BE ACTIVE TO MODERATELY
UNSETTLED FOR THE NEXT 30-42 HOURS AND THEN BECOME SLIGHTLY UNSETTLED.

III. EVENT PROBABILITIES 10 - 12 DEC

CLASS M 05/05/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 09 DEC 77

PREDICTED 10 - 12 DEC 78/78/79

90-DAY MEAN 09 DEC 74

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 08 DEC 21

ESTIMATED AFR/AP 09 DEC 14/17

PREDICTED AFR/AP 10 - 12 DEC 17/20 - 13/15 - 07/08

SOLTERWARN

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