

HFUS 1 BOU 080600

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLORADO

SDF NUMBER 343-A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0600Z 08 DECEMBER 1976

IA. SOLAR ACTIVITY HAS BEEN VERY LOW DURING THE PAST EIGHT HOURS.
REGION 759 (N08 E47) HAS SHOWN SOME GROWTH IN THE TRAILING PORTION.
A NEW REGION 760 (N23 E20) HAS DEVELOPED AND IS A B TYPE GROUP.
THE REST OF THE DISK IS QUIET.

IB. SOLAR ACTIVITY COULD INCREASE SLIGHTLY WITH THE TWO NEW REGIONS
GROWING. AT PRESENT ONLY MINOR ACTIVITY IS EXPECTED.

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED AND IT IS EXPECTED
THE FIELD WILL BE UNSETTLED TO SLIGHTLY ACTIVE DURING THE NEXT 24
HOURS.

III. EVENT PROBABILITIES 08 DECEMBER - 10 DECEMBER

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 07 DECEMBER 72

PREDICTED 08-10 DECEMBER 72/73/74

90-DAY MEAN 07 DECEMBER 74

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 06 DECEMBER 04

ESTIMATED AFR/AP 07 DECEMBER 07/05

PREDICTED AFR/AP 08-10 DECEMBER 17/20 - 17/20 - 17/20

SOLTERWARN

BT

HFUS 1 BOU 081500

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 343B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1500Z 08 DECEMBER 1976

IA. SOLAR ACTIVITY HAS BEEN VERY LOW. BOTH REGION 759 (N08E42)
AND NEW REGION 760 (N23E15) CONTINUE SLOW GROWTH BUT REMAIN SIMPLE
MAGNETICALLY.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN VERY LOW.

II. THE GEOMAGNETIC FIELD WAS UNSETTLED, ATTAINING A MINOR
STORM CONFIGURATION AFTER 08/0600Z AT BOULDER. THE FIELD IS
EXPECTED TO REMAIN GENERALLY ACTIVE THROUGH THE FORECAST PERIOD.

III. EVENT PROBABILITIES 08 DECEMBER - 10 DECEMBER

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 07 DECEMBER 72

PREDICTED 08-10 DECEMBER 72/73/74

90-DAY MEAN 07 DECEMBER 74

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 06 DECEMBER 04

ESTIMATED AFR/AP 07 DECEMBER 07/05

PREDICTED AFR/AP 08-10 DECEMBER 17/20 - 17/20 - 17/20

SOLTERWARN

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HFUS 1 BOU 082200

FROM SAPCE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 343

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 08 DEC 1976

IA. SOLAR ACTIVITY HAS REMAINED VERY LOW. REGION 759 (N08E35)
HAS ATTAINED A "D" SUNSPOT CLASS WITH INTERMITTENT POINT
BRIGHTENINGS TO NEAR FLARE INTENSITY. LATEST OBSERVATORY REPORTS
INDICATE REGION 760 (N24E03) MAY ALREADY BE DECAYING IN STRUCTURE.

IB. A FEW LOW LEVEL CLASS C X-RAY EVENTS ARE POSSIBLE, WITH SOLAR
ACTIVITY EXPECTED TO REMAIN VERY LOW.

II. THE GEOMAGNETIC FIELD AT BOULDER WAS IN A MINOR STORM CON-
FIGURATION BETWEEN 08/0600 - 1400Z AND UNSETTLED TO ACTIVE THE
BALANCE OF THIS ZULU DAY. GENERALLY ACTIVE CONDITIONS ARE EXPECTED
FOR THE NEXT 42-54 HOURS AND THEN BECOME UNSETTLED.

III. EVENT PROBABILITIES 09 - 11 DEC

CLASS M 05/05/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 08 DEC 73

PREDICTED 09 - 11 DEC 74/75/75

90-DAY MEAN 08 DEC 74

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 07 DEC 14

ESTIMATED AFR/AP 08 DEC 20/20

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

SOLTERWARN

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