

HFUS 1 BOU 100600

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO

SDF NUMBER 345A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0500Z 10 DEC 1976

IA. SOLAR ACTIVITY HAS BEEN VERY LOW THE PAST 8 HOURS. LITTLE
CHANGE HAS BEEN NOTED ON THE DISC OR LIMBS. NO FURTHER FLARE
ACTIVITY HAS BEEN REPORTED FROM REGION 759 (N06E19) ALTHOUGH IT
APPEARS TO BE MAINTAINING ITS FLARE POTENTIAL.

IB. SOLAR ACTIVITY IS EXPECTED TO BE VERY LOW TO LOW WITH
OCCASIONAL CLASS C EVENTS OCCURRING IN REGION 759.

II. THE GEOMAGNETIC FIELD CONTINUES TO BE VARIABLE BUT PRIMARILY
QUIET THE PAST 8 HOURS. THE FIELD IS EXPECTED TO BE GENERALLY
ACTIVE TO MODERATELY UNSETTLED THROUGH THE NEXT 24-48 HOURS.

III. EVENT PROBABILITIES 10 DEC - 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 14/16

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

SOLTERWARN

BT

HFUS 1 BOU 101500

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLORADO

SDF NUMBER 345-B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1500Z 10 DECEMBER 1976

IA. SOLAR ACTIVITY REMAINS VERY LOW. SMALL SUBFLARES AND DARK
SURGES, IN ASSOCIATION WITH THE LEADER SPOT IN REGION 759 (N07E12),
ARE OCCURRING. SLOW SUNSPOT GROWTH IN REGION 759 CONTINUES.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN VERY LOW WITH OCCASIONAL
CLASS C X-RAY EVENTS POSSIBLE.

II. THE GEOMAGNETIC FIELD HAS BEEN ACTIVE TO UNSETTLED. THESE
CONDITIONS ARE EXPECTED TO PERSIST FOR THE NEXT 24-36 HOURS WITH
THE FIELD THEN BECOMING 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

BT

HFUS 1 BOU 102200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLORADO

SDF NUMBER 345

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 10 DEC 76

IA. SOLAR ACTIVITY HAS BEEN VERY LOW. REGION 759 (N06E07) HAS
HAD SLOW GROWTH DURING THE PAST 24 HOURS BUT IS A SIMPLE BETA
IN MAGNETIC STRUCTURE. TWO NON-ENERGETIC SUBFLARES HAVE BEEN
REPORTED FROM REGION 759 DURING THE PAST 24 HOURS.

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

II. THE GEOMAGNETIC FIELD HAS BEEN SLIGHTLY ACTIVE TO UNSETTLED.
THESE CONDITIONS ARE EXPECTED TO PREVAIL FOR THE NEXT 24-36 HOURS
AND THEN THE FIELD IS EXPECTED TO BECOME SLIGHTLY UNSETTLED TO
QUIET.

III. EVENT PROBABILITIES 11-13 DEC

CLASS M 05/05/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 10 DEC 79

PREDICTED 11-13 DEC 80/81/80

90-DAY MEAN 10 DEC 74

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 09 DEC 14

ESTIMATED AFR/AP 10 DEC 11/14

PREDICTED AFR/AP 11-13 DEC 13/15 - 07/08 - 05/05

SOLTERWARN

BT