

HFUS 3 BOU 160600

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO

SDF NUMBER 350A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0600Z 16 DEC 1977

IA. SOLAR ACTIVITY IS AT A VERY LOW LEVEL. NO SIGNIFICANT CHANGES
IN THE DISK FEATURES HAVE BEEN REPORTED.

IB. SOLAR ACTIVITY WILL BE AT A VERY LOW LEVEL FOR THE NEXT 24 HOURS.

II. THE GEOMAGNETIC FIELD IS QUIET AND NO CHANGE IS EXPECTED.

III. EVENT PROBABILITIES 16-18 DEC

CLASS M 10/05/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 15 DEC 94

PREDICTED 16-18 DEC 91/89/87

90-DAY MEAN 15 DEC 98

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 14 DEC 07

ESTIMATED AFR/AP 15 DEC 07/05

PREDICTED AFR/AP 16-18 DEC 05/05 - 05/05 - 08/08

SOLTERWARN

BT

HFUS 3 BOU 161500

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 350-B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1500Z 16 DEC 1977

IA. SOLAR ACTIVITY HAS BEEN VERY LOW. REGION 950 (S26W71) CONTINUES
TO DECAY AND IS AN H-TYPE GROUP. REGION 959 (S22E05) HAS GROWN AND
IS A C-TYPE GROUP. NEW REGION 961 (N16E25) IS A C-TYPE GROUP WITH
7 SPOTS. THE REST OF THE DISK/LIMB HAS BEEN QUIET.

IB. SOLAR ACTIVITY SHOULD REMAIN VERY LOW.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET. GENERALLY QUIET CONDITIONS
ARE EXPECTED FOR THE NEXT 48 HOURS.

III. EVENT PROBABILITIES 16 - 18 DEC

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 15 DEC 94

PREDICTED 16 - 18 DEC 91/89/87

90-DAY MEAN 15 DEC 98

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 14 DEC 07

ESTIMATED AFR/AP 15 DEC 07/05

PREDICTED AFR/AP 16 - 18 DEC 05/05 - 05/05 - 08/08

SOLTERWARN

BT

HFUS 1 BOU 162200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 350

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 16 DEC 1977

IA. SOLAR ACTIVITY HAS BEEN VERY LOW. REGION 950 (S24W85) HAS
DECAYED TO AN H GROUP. REGION 953 (N25W33) HAS DECAYED TO AN
A GROUP. REGION 957 (N18E11) IS NOW A B GROUP. REGION 959 (S22W02)
HAS GROWN TO A D-TYPE GROUP WITH 7 SPOTS. NEW REGION 961
(N16E21) IS A C-TYPE GROUP WITH 7 SPOTS. NEW REGION 962 (S12E34) IS
A B-TYPE GROUP WITH 2 SPOTS.

IB. SOLAR ACTIVITY SHOULD REMAIN VERY LOW.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET. GENERALLY QUIET CONDITIONS
ARE EXPECTED FOR THE NEXT 24 HOURS.

III. EVENT PROBABILITIES 17 - 19 DEC

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 16 DEC 96

PREDICTED 17 - 19 DEC 95/95/95

90-DAY MEAN 16 DEC 98

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 15 DEC 05

ESTIMATED AFR/AP 16 DEC 05/04

PREDICTED AFR/AP 17 - 19 DEC 07/05 - 07/08 - 10/10

SOLTERWARN

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