

HFUS 1 BOU 080530

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 067A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0600Z 08 MARCH 1977

IA. SOLAR ACTIVITY HAS BEEN VERY LOW. REGION 790 (N17E06) HAS GROWN
SLIGHTLY IN SPOT COUNT AND STILL RETAINS AN ACTIVE FILAMENT AND
COMPLEX NEUTRAL LINE. PLAGES WHICH HAVE ROTATED AROUND THE EAST
LIMB, NOW NEAR S43E69 AND N24E63, REMAIN SPOTLESS.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN VERY LOW.

II. THE GEOMAGNETIC FIELD HAS BEEN SLIGHTLY UNSETTLED. THE FIELD
IS EXPECTED TO BE GENERALLY UNSETTLED THROUGH THE FORECAST PERIOD.

III. EVENT PROBABILITIES 08 MARCH - 10 MARCH

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 07 MARCH 78

PREDICTED 08-10 MARCH 78/79/79

90-DAY MEAN 07 MARCH 79

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 06 MARCH 04

ESTIMATED AFR/AP 07 MARCH 07/07

PREDICTED AFR/AP 08-10 MARCH 08/08 - 10/10 - 10/10

SOLTERWARN

BT

HFUS 1 BOU 081500

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 067B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1500Z 08 MARCH 1977

IA. A CLASS C1 X-RAY EVENT OCCURRED AT 1414Z TODAY IN REGION 790
(N17W07) WHICH HAS DEVELOPED A NEW CRI SPOT GROUP 5 DEGREES FROM THE
OLD HSX SPOT. THE OPTICAL FLARE WAS SUBNORMAL AND LAY WITHIN THE
NEW SPOTS AND BETWEEN 790 AND THE NEW SPOTS. THE NEUTRAL LINE
IS COMPLEX AMONG THESE SPOTS. ALL OTHER REGIONS ARE FAINT AND SPOTLESS.
IB. ACTIVITY IS EXPECTED TO INCREASE AS GROWTH IN THE VICINITY OF
REGION 790 CONTINUES.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET FOR THE PAST 12 HOURS.
QUIET TO UNSETTLED CONDITIONS ARE EXPECTED THIS FORECAST PERIOD.

III. EVENT PROBABILITIES 08-10 MARCH

CLASS M 05/10/10

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 07 MAR 78

PREDICTED 08-10 MAR 79/81/82

90-DAY MEAN 07 MAR 79

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 06 MAR 04

ESTIMATED AFR/AP 07 MAR 07/07

PREDICTED AFR/AP 08-10 MAR 08/08 - 10/10 - 10/10

SOLTERWARN

BT

HFUS 1 BOU 082200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLORADO

SDF NUMBER 067

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 08 MARCH 1977

IA. SOLAR ACTIVITY HAS BEEN VERY LOW. A SN/C1 EVENT AT 1413Z
OCCURRED IN REGION 792 (N21W03) WHICH FORMED DURING THE PAST 24
HOURS. THE SPOTS HAVE GROWN STEADILY TO DAI CLASS. THERE IS
INTERACTION BETWEEN 792 AND NEARBY 790 (N17W05). LARGE SPOTLESS
PLACES MARK RETURNING REGIONS 793 (N24E56) AND 794 (S43E66).
A FLUCTUATING MOUND PROMINENCE AT S30E90 INDICATES A SPOTTED
REGION WILL ROTATE INTO VIEW TOMORROW.

IB. ACTIVITY WILL INCREASE SLIGHTLY AS GROWTH CONTINUES IN REGION
792.

II. THE GEOMAGNETIC FIELD BECAME UNSETTLED AT MIDDAY. UNSETTLED
TO SLIGHTLY ACTIVE CONDITIONS ARE EXPECTED DURING THIS FORECAST
PERIOD. AS THE EARTH BECOMES ALIGNED WITH EXTENSIVE OPEN SOLAR
MAGNETIC FIELDS IN THE SUN'S SOUTHERN HEMISPHERE.

III. EVENT PROBABILITIES 09 - 11 MARCH

CLASS M 05/05/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 08 MARCH 83

PREDICTED 09-11 MARCH 85/86/86

90-DAY MEAN 08 MARCH 79

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 07 MARCH 03

ESTIMATED AFR/AP 08 MARCH 10/10

PREDICTED AFR/AP 09-11 MARCH 10/10 - 15/15 - 15/15

SOLTERWARN

BT