

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 UNSETLED. THE FIELD
IS EXPECTED TO BE GENERALLY UNSETLED 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 UNSETLED 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 PLAGES 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 UNSETLED AT MIDDAY. UNSETLED 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