

HFUS 3 BOU 300430

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 211A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY

ISSUED 0430Z 30 JULY 1977

I. SOLAR ACTIVITY WAS VERY LOW DURING THE PAST SEVEN HOURS.

REGION 849 (N20W86) IS NEARING WEST LIMB TRANSIT, AND REGION 851
(N17W49) HAS BEEN SLOWLY DECAYING.

II. SOLAR ACTIVITY IS EXPECTED TO REMAIN AT A VERY LOW LEVEL.

III. THE GEOMAGNETIC FIELD HAS BEEN AT OR NEAR MINOR STORM LEVELS
DURING THE PAST SEVEN HOURS. GENERALLY MINOR STORM CONDITIONS
SHOULD PREVAIL DURING THE REST OF THE ZULU DAY.

III. EVENT PROBABILITIES 30 JULY - 01 AUGUST

CLASS M 05/05/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 29 JULY 84

PREDICTED 30 JULY - 01 AUGUST 84/84/83

90-DAY MEAN 29 JULY 84

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 28 JULY 05

ESTIMATED AFR/AP 29 JULY 49/51

PREDICTED AFR/AP 30 JULY - 01 AUGUST 35/40 - 18/20 - 15/15

SOLTERWARN

BT

HFUS 3 BOU 301500
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO
SDF NUMBER 211-B
JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1500Z 30 JULY 1977

IA. SOLAR ACTIVITY HAS BEEN VERY LOW. REGION 849 (NW20) HAS BEEN SURGING DURING THE PAST 8 HOURS AS IT ROTATES OVER THE WEST LIMB. REGION 851 (N14W47) CONTAINS AN H TYPE SPOT AND ITS ASSOCIATED FILAMENT STRUCTURE HAS DECAYED IN THE PAST 8 HOURS. ALL OTHER DISK AND LIMB FEATURES APPEAR QUIET AND STABLE.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN VERY LOW.

II. THE GEOMAGNETIC FIELD HAS CONTINUED TO BE AT NEAR MINOR STORM LEVELS DURING THE PAST 10 HOURS. MINOR STORM GEOMAGNETIC CONDITIONS ARE EXPECTED TO CONTINUE DURING THE NEXT 12 HOURS.

III. EVENT PROBABILITIES 30 JULY - 01 AUG

CLASS M 05/05/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 29 JULY 84

PREDICTED 30 JULY - 01 AUG 84/84/83

90-DAY MEAN 29 JULY 84

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 28 JULY 05

ESTIMATED AFR/AP 29 JULY 49/51

PREDICTED AFR/AP 30 JULY - 01 AUG 35/40 - 18/20 - 15/15

SOLTERWARN

BT

HFUS 1 BOU 302200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 211

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 30 JULY 1977

IA. SOLAR ACTIVITY HAS BEEN VERY LOW. RGN 851 (N16W52) HAS EXPERIENCED FURTHER DECAY AND PRESENTLY DISPLAYS 1 SPOT. RGN 852 (S24W33) HAS BEEN REPORTED TO CONTAIN 2 FAINT SPOTS BUT PRESENTLY APPEARS SPOTLESS. THE LARGE PROMINENCE AT SW48 CONTINUES ITS TRANSIT OVER THE WEST LIMB AND APPEARS MORE DIFFUSE SINCE YESTERDAY. ALL OTHER DISK AND LIMB FEATURES APPEAR QUIET AND STABLE.

IB. SOLAR ACTIVITY IS EXPECTED TO CONTINUE AT PRESENT VERY LOW LEVEL.

II. THE GEOMAGNETIC FIELD HAS BEEN ACTIVE DURING THE PAST 7 HOURS AND AT MINOR STORM LEVELS DURING THE NEXT PRECEDING 12 HOURS. THE FIELD IS EXPECTED TO BECOME ACTIVE TO UNSETLED DURING THE NEXT 24 HOURS.

III. EVENT PROBABILITIES 31 JULY - 02 AUGUST

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 30 JULY 82

PREDICTED 31 JULY - 02 AUGUST 82/81/80

90-DAY MEAN 30 JULY 84

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 29 JULY 49

ESTIMATED AFR/AP 30 JULY 28/25

PREDICTED AFR/AP 31 JULY - 02 AUGUST 18/20 - 15/15 - 10/10

SOLIERWARN

BT