

HFUS 3 BOU 060500

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO

SDF NUMBER 279A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0500Z 06 OCT 1977

IA. SOLAR ACTIVITY HAS BEEN LOW THE PAST EIGHT HOURS. "C" CLASS X-RAY EVENTS HAVE BEEN FREQUENT THE MOST IMPORTANT OF WHICH WAS A C-4 AT 06/003Z. A SUB-NORMAL FLARE FROM REGION 899 (N31W55) WAS THE SOURCE. AS THE REGION ASSOCIATED WITH 908 (N10E82) ROTATES ON TO THE DISK IT BECOMES MORE IMPRESSIVE.

IB. SOLAR ACTIVITY SHOULD INCREASE AS 908 ROTATES FURTHER ONTO THE DISK.

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED AND SHOULD REMAIN SO THRU THE PERIOD.

III. EVENT PROBABILITIES 06 OCT-08 OCT

CLASS M 80/80/80

CLASS X 10/20/20

PROTON 05/10/10

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 05 OCT 109

PREDICTED 06-08 OCT 115/120/120

90-DAY MEAN 05 OCT 089

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 04 OCT 08

ESTIMATED AFR/AP 05 OCT 08/06

PREDICTED AFR/AP 06-08 OCT 10/12 - 10/14 - 14/14

SOLTERWARN

BT

HFUS 3 BOU 061500

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 279-B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1500Z 06 OCT 1977

IA. SOLAR ACTIVITY HAS BEEN MODERATE. THERE HAVE BEEN FOUR M-CLASS X-RAY EVENTS; AN M-8 (1 NORMAL) AT 0421Z, AND AN M-4 AT 0459Z, BOTH FROM REGION 899(N30W63) AND TWO M-1 X-RAY EVENTS AT 0739Z AND 1037Z FROM REGION 908(N07E73). TYPE II AND III RADIO BURSTS WERE ASSOCIATED WITH THE M-8 EVENT AND SWFS WERE ASSOCIATED WITH ALL M EVENTS. THERE IS AN APR AT NE12. THE REST OF THE DISK/LIMB HAS BEEN STABLE.

IB. SOLAR ACTIVITY WILL BE MODERATE AND MAY INCREASE AS REGION 908 ROTATES FULLY ONTO THE DISK.

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

III. EVENT PROBABILITIES 06 - 08 OCT

CLASS M 80/85/85

CLASS X 10/25/30

PROTON 05/10/15

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 05 OCT 109

PREDICTED 06 - 08 OCT 115/120/120

90-DAY MEAN 05 OCT 089

V. GEOMAGNETIC A INDICES

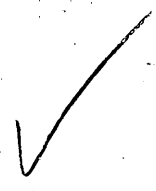
OBSERVED FREDERICKSBURG 04 OCT 08

ESTIMATED AFR/AP 05 OCT 08/06

PREDICTED AFR/AP 06 - 08 OCT 10/12 - 10/14 - 14/14

SOLTERWARN

BT



HFUS 1 BOU 062200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO

SDF NUMBER 279

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 06 OCT 1977

IA. SOLAR ACTIVITY HAS BEEN MODERATE. REGION 899 (N30W68) HAD TWO M-CLASS EVENTS; ONE (I NORMAL) AT 0421Z AND ANOTHER AT 0459. THEY WERE ACCOMPANIED BY SWFS AND RADIO BURST OF TYPE II AND III. THERE WAS ALSO A C-3 FLARE (SUBFAINT) AT 0022Z AND A SUBFAINT AT 1713Z. REGION 908 (N06 E68) HAD TWO M EVENTS; ONE AT 0739Z AND ANOTHER AT 1037Z. THEY WERE ACCOMPANIED BY SWFS. THERE WAS ALSO A C-1 EVENT AT 0215Z. THERE WAS AN ACTIVE PROMINENCE AT NE15 AND A SURGE AT NE

90 THERE WAS AN ACTIVE FILAMENT IN BOTH REGION 899 AND 908. REGION 899 APPEARS TO BE DECAYING, AS DO REGIONS 898 (N14W78), 903 (S22 W31) AND 904 (N20W46). THE REST OF THE DISK/LIMB HAS BEEN STABLE.

IB. SOLAR ACTIVITY WILL REMAIN MODERATE. REGIONS 899 AND 908 RETAIN CAPABILITY OF M-CLASS EVENTS AND POSSIBLY X-CLASS EVENTS.

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

III. EVENT PROBABILITIES 07-09 OCT

CLASS M 85/85/85

CLASS X 25/25/25

PROTON 05/10/10

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 06 OCT 104

PREDICTED 07-09 OCT 106/107/109

90-DAY MEAN 06 OCT 89

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 05 OCT 09

ESTIMATED AFR/AP 06 OCT 10/08

PREDICTED AFR/AP 07-09 OCT 10/12 - 12/15 - 14/15

SOLIERWARN

BT