

HFUS 3 BOU 240600

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO

SDF NUMBER 083A

JOINT USAF/NOAA SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 0600Z 24 MARCH 1978

IA. SOLAR ACTIVITY HAS BEEN VERY LOW THIS ZULU DAY. NO FLARES HAVE  
BEEN REPORTED AND THE X-RAY LEVEL HAS BEEN STEADY. ONLY REGION 1043  
(S42W 60) HAS SHOWN SLIGHT GROWTH. OTHER REGIONS ARE STABLE

IB. SOLAR ACTIVITY IS EXPECTED TO BE LOW.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET THIS ZULU DAY. THE FIELD  
IS EXPECTED TO BE QUIET TO UNSETTLED FOR THE NEXT 24 HOURS

III. EVENT PROBABILITIES 24 - 26 MAR

CLASS M 05/05/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 23 MAR 117

PREDICTED 24 - 26 MAR 116/115/114

90+DAY MEAN 23 MAR 131

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 22 MAR 15

ESTIMATED AFR/AP 23 MAR 13/18

PREDICTED AFR/AP 24 - 26 MAR 08/10 - 13/17 - 16/19

SOLTERWARN

BT

HFUS 3 BOU 241500

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SOF NUMBER 083-B

JOINT USAF/NOAA SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 1500Z 24 MAR 1978

IA. SOLAR ACTIVITY HAS BEEN LOW THE PAST 10 HOURS. NO SIGNIFICANT  
CHANGES HAVE BEEN NOTED IN DISK FEATURES. REGIONS 1035 (N20W50)  
AND 1042 (N37E40) APPEAR ACTIVE WITH EACH PRODUCING A SF FLARE.

ONLY C-CLASS X-RAY ACTIVITY HAS BEEN RECORDED.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN LOW.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET. QUIET TO SLIGHTLY UN-  
SETTLED CONDITIONS ARE EXPECTED.

III. EVENT PROBABILITIES 24 - 26 MAR

CLASS M 05/05/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 23 MAR 117

PREDICTED 24 - 26 MAR 116/115/114

90-DAY MEAN 23 MAR 131

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 22 MAR 15

ESTIMATED AFR/AP 23 MAR 13/18

PREDICTED AFR/AP 24 - 26 MAR 08/10 - 13/17 - 16/19

SOLTERWARN

BT

HFUS 1 BDU 242200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 083

JOINT USAF/NOAA PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 2200Z 24 MAR 1978

IA. SOLAR ACTIVITY HAS BEEN LOW THE PAST 24 HOURS. ALL ACTIVE  
REGIONS HAVE BEEN RELATIVELY QUIET WITH THE EXCEPTION OF 1035  
(N20W58) AND 1042 (N38E32). REGION 1042 PRODUCED ONE SUBFLARE BUT  
HAS OTHERWISE BEEN FAIRLY STABLE. REGION 1035 PRODUCED THREE SUB-  
FLARES AND APPEARS TO BE REMAINING SLIGHTLY ACTIVE. NEW REGION  
1047 (S31E12) IS A B TYPE WITH LITTLE INDICATION OF ACTIVITY  
THUS FAR.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN LOW WITH A SLIGHT CHANGE  
OF ENERGETIC ACTIVITY FROM DEPARTING REGION 1035.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET THE PAST 24 HOURS. RE-  
CURRENT ACTIVE CONDITIONS ARE EXPECTED BUT SHOULD NOT BE AS STRONG  
AS THE PREVIOUS ROTATION DUE TO WEAKENING OF THE SOUTHERN HEMISPHERE  
CORONAL HOLE.

III. EVENT PROBABILITIES 25 - 27 MAR

CLASS M 10/10/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 24 MAR 118

PREDICTED 25 - 27 MAR 112/110/110

90-DAY MEAN 23 MAR 132

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 23 MAR 16

ESTIMATED AFR/AP 24 MAR 04/05

PREDICTED AFR/AP 25 - 27 MAR 13/17 - 16/19 - 20/25

SOLTERWAPN

BT