

HFUS 3 BOU 200530

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 051A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0600Z 20 FEBRUARY 1978

IA. SOLAR ACTIVITY HAS BEEN AT A VERY LOW LEVEL DURING THE PAST
8 HOURS. NO SIGNIFICANT CHANGES IN THE VISIBLE REGIONS HAVE BEEN
REPORTED.

IB. SOLAR ACTIVITY WILL BE AT A VERY LOW LEVEL DURING THE NEXT
24 HOURS.

II. THE GEOMAGNETIC FIELD IS QUIET TO UNSETTLED AND NO CHANGE IS
EXPECTED.

III. EVENT PROBABILITIES 20 FEBRUARY - 22 FEBRUARY

CLASS M 50/40/30

CLASS X 10/05/02

PROTON 10/05/02

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 19 FEBRUARY 122

PREDICTED 20-22 FEBRUARY 122/122/124

90-DAY MEAN 19 FEBRUARY 114

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 18 FEBRUARY 08

ESTIMATED AFR/AP 19 FEBRUARY 09/10

PREDICTED AFR/AP 20-22 FEBRUARY 07/09 - 07/10 - 07/10

SOLTERWARN

BT

HFUS 3 BOU 201500

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 051B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1500Z 20 FEBRUARY 1978

IA. SOLAR ACTIVITY HAS BEEN LOW. ONLY NOTEABLE CHANGE IS THE ROTATION
OF REGION 1014 (S25E85), AN H-TYPE SPOT, ONTO THE DISK.

IB. SOLAR ACTIVITY SHOULD REMAIN LOW.

II. THE GEOMAGNETIC FIELD HAS BEEN GENERALLY UNSETTLED THRU THE
PERIOD AND NO CHANGE IS EXPECTED.

III. EVENT PROBABILITIES 20 FEBRUARY - 22 FEBRUARY

CLASS M 50/40/30

CLASS X 10/05/02

PROTON 10/05/02

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 19 FEBRUARY 122

PREDICTED 20-22 FEBRUARY 122/122/124

90-DAY MEAN 19 FEBRUARY 114

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 18 FEBRUARY 08

ESTIMATED AFR/AP 19 FEBRUARY 09/11

PREDICTED AFR/AP 20-22 FEBRUARY 07/09 - 07/10 - 07/10

SOLTERWARN

BT

HFUS 1 BQU 202200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 051

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 20 FEBRUARY 1978

IA. SOLAR ACTIVITY HAS BEEN LOW. REGION 1009 (N26W84) IS NOW
ROTATING OFF THE NW LIMB AND REMAINS STABLE. TWO NEW H-TYPE SPOTS
HAVE ROTATED ONTO THE DISK AND ARE IN REGIONS VOID OF SPOTS LAST
ROTATION. REGION 1014 (S22E76) IS STABLE, HOWEVER 1015 (N38E79)
PRODUCED A 2N CLASS C-3 X-RAY FLARE AT 20/1610Z (MAX) AND A SB
FLARE AT 20/1637Z. ALL OTHER REGIONS ARE UNCHANGED AND STABLE.

IB. SOLAR ACTIVITY SHOULD REMAIN LOW TO MODERATE. OLD ACTIVE REGION
988 IS DUE BACK WITHIN 24 HOURS.

II. THE GEOMAGNETIC FIELD HAS BEEN GENERALLY UNSETTLED AND NO
CHANGE IS EXPECTED.

III. EVENT PROBABILITIES 21-23 FEB

CLASS M 40/40/40

CLASS X 05/05/05

PROTON 10/05/5

PCAF YELLOW

IV. OTTAWA 10.7 CM FLUX

OBSERVED 20 FEB 125

PREDICTED 21-23 FEB 132/135/140

90-DAY MEAN 20 FEB 115

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 19 FEB 12

ESTIMATED AFR/AP 20 FEB 10/13

PREDICTED AFR/AP 21-23 FEB 10/10 - 10/10 - 10/10

SOLTERWARN

BT