

HFUS 3 BOU 210530

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 052A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0600Z 21 FEBRUARY 1978

IA. SOLAR ACTIVITY HAS BEEN VERY LOW DURING THE PAST EIGHT HOURS.
THE DISK REGIONS ALL APPEAR QUIET AND STABLE. THE LIMBS ARE QUIET.

IB. SOLAR ACTIVITY WILL CONTINUE AT A LOW LEVEL.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET TO SLIGHTLY UNSETTLED
DURING THE PAST EIGHT HOURS AND IT IS EXPECTED THE FIELD WILL BE
SLIGHTLY UNSETTLED DURING THE FORECAST PERIOD.

III. EVENT PROBABILITIES 21 FEBRUARY - 23 FEBRUARY

CLASS M 40/40/40

CLASS X 05/05/05

PROTON 10/05/05

PCAF YELLOW

IV. OTTAWA 10.7 CM FLUX

OBSERVED 20 FEBRUARY 125

PREDICTED 21-23 FEBRUARY 132/135/140

90-DAY MEAN 20 FEBRUARY 115

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 19 FEBRUARY 12

ESTIMATED AFR/AP 20 FEBRUARY 10/13

PREDICTED AFR/AP 21-23 FEBRUARY 09/09 - 10/10 - 10/10

SOLTERWARN

BT

HFUS 3 BOU 211500

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 052-B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1500Z 21 FEB 1978

IA. SOLAR ACTIVITY HAS BEEN LOW. NO OPTICAL FLARES HAVE BEEN
REPORTED THE PAST EIGHT HOURS ALTHOUGH SEEING WAS POOR AT MOST SITES.
X-RAY RECORDS INDICATE SOME MINOR ACTIVITY HOWEVER.

IB. SOLAR ACTIVITY SHOULD REMAIN LOW.

II. THE GEOMAGNETIC FIELD WAS QUIET AND GENERALLY QUIET TO
SLIGHTLY UNSETTLED CONDITIONS ARE EXPECTED TO PREVAIL.

III. EVENT PROBABILITIES 21 FEBRUARY - 23 FEBRUARY

CLASS M 40/40/40

CLASS X 05/05/05

PROTON 10/05/05

PCAF YELLOW

IV. OTTAWA 10.7 CM FLUX

OBSERVED 20 FEBRUARY 125

PREDICTED 21-23 FEBRUARY 132/135/140

90-DAY MEAN 20 FEBRUARY 115

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 19 FEBRUARY 12

ESTIMATED AFR/AP 20 FEBRUARY 10/13

PREDICTED AFR/AP 21-23 FEBRUARY 09/09 - 10/10 - 10/10

SOLTERWARN

BT

HFUS 1 BOU 212200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 052

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY

ISSUED 2200Z 21 FEB 1978

IA. SOLAR ACTIVITY HAS BEEN LOW. ALL PRESENT REGIONS ARE STABLE.
REGION 1015 (N38E54) APPEARS TO BE A "D" TYPE SPOT GROUP NOW THAT
IT HAS ROTATED FURTHER ONTO THE DISK. NEW REGION 1016 (N16E72),
AN H-TYPE GROUP HAS ROTATED ONTO THE DISK AND IS NOT A RETURNING REGION.
SOME SURGING HAS BEEN OBSERVED WHERE REGION 1009 ROTATED OFF AND ALSO
NEAR NE30.

IB. SOLAR ACTIVITY SHOULD REMAIN LOW.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET TO SLIGHTLY UNSETTLED
AND IS EXPECTED TO BE GENERALLY UNSETTLED THRU THE PERIOD.

III. EVENT PROBABILITIES 22 - 24 FEB

CLASS M 30/30/30

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 21 FEB 125

PREDICTED 22 - 24 FEB 126/128/133

90-DAY MEAN 21 FEB 115

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 20 FEB 09

ESTIMATED AFR/AP 21 FEB 08/10

PREDICTED AFR/AP 22 - 24 FEB 12/15 - 10/10 - 08/08

SOLTERWARN

BT