

HFUS 3 BOU 280530

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 059A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 0600Z 28 FEBRUARY 1978

IA. SOLAR ACTIVITY HAS BEEN LOW DURING THE PAST EIGHT HOURS. A  
LARGE HEDGEROW PROMINENCE HAS BEEN OBSERVED AT THE NORTHWEST LIMB.  
CULGOORA REPORTS A WEAK TYPE I NOISE STORM FROM THIS REGION.

IB. SOLAR ACTIVITY WILL CONTINUE AT A LOW LEVEL.

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

III. EVENT PROBABILITIES 28 FEBRUARY - 02 MARCH

CLASS M 40/50/50

CLASS X 05/10/10

PROTON 05/05/05

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 27 FEBRUARY 140

PREDICTED 28 FEBRUARY - 02 MARCH 142/144/145

90-DAY MEAN 27 FEBRUARY 119

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 26 FEBRUARY 21

ESTIMATED AFR/AP 27 FEBRUARY 28/38

PREDICTED AFR/AP 28 FEBRUARY - 02 MARCH 25/28 - 12/15 - 10/14

SOLTERWARN

BT

HFUS 3 BOU 281500

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 059B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 1500Z 28 FEBRUARY 1978

IA. SOLAR ACTIVITY HAS BEEN LOW. SPOTLESS REGION 1016 (N18W07)  
PRODUCED A ONE-FAINT HYDER FLARE WHICH BEGAN 28/0425Z, MAXED  
AT 0500Z, AND ENDED AT 0630Z. A IF FLARE FROM REGION 1011 (N19W58)  
NEAR 0610Z WAS ALSO REPORTED. OTHER REGIONS ARE STABLE.

IB. SOLAR ACTIVITY SHOULD BE LOW.

II. THE GEOMAGNETIC FIELD WAS AT ACTIVE TO MINOR STORM LEVELS  
THE PAST EIGHT HOURS. THE FIELD IS EXPECTED TO BE UNSETTLED THRU  
THE PERIOD.

III. EVENT PROBABILITIES 28 FEBRUARY - 02 MARCH

CLASS M 40/50/50

CLASS X 05/10/10

PROTON 05/05/05

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 27 FEBRUARY 140

PREDICTED 28 FEBRUARY - 02 MARCH 142/144/145

90-DAY MEAN 27 FEBRUARY 119

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 26 FEBRUARY 21

ESTIMATED AFR/AP 27 FEBRUARY 28/38

PREDICTED AFR/AP 28 FEBRUARY - 02 MARCH 25/35 - 12/15 - 10/14

SOLTERWARN

BT

HFUS 1 BOU 282200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 059

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 2200Z 28 FEBRUARY 1978

IA. SOLAR ACTIVITY HAS BEEN LOW. ALL REGIONS ARE QUIET WITH NO FLARES REPORTED THE PAST 8 HOURS. THE MONA LOA OBSERVATORY REPORTS BRIGHT CORONAL CONDENSATION AT NE20 WHICH INDICATES A STRONG RETURN OF QD 0997. ALSO REPORTED WAS THE DISSAPPEARANCE OF A PROMINANCE AT NW30 DURING THE PAST 24 HOURS.

IB. SOLAR ACTIVITY SHOULD BE LOW TO MODERATE. THE RETURN OF 997, 998 AND 999 MAY INCREASE THE CHANCE OF ENERGETIC ACTIVITY.

II. THE GEOMAGNETIC FIELD HAS BEEN AT ACTIVE TO MINOR STORM LEVELS THE PAST 24 HOURS. THE FIELD IS EXPECTED TO REMAIN AT PRESENT LEVELS THRU THE FIRST DAY THEN BEGIN A DECLINE TO UNSETTLED CONDITIONS.

III. EVENT PROBABILITIES 01-03 MAR

CLASS M 40/50/50

CLASS X 05/10/10

PROTON 05/05/05

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 28 FEB 138

PREDICTED 01-03 MAR 139/141/141

90-DAY MEAN 28 FEB 119

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 27 FEB 32

ESTIMATED AFR/AP 28 FEB 28/36

PREDICTED AFR/AP 01-03 MAR 28/35 - 18/22 - 10/12

SOLTERWARN

BT