

HFUS 3 BOU 040600

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO

SDF NUMBER 035A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0600Z 04 FEBRUARY 1978

IA. AFTER 4 CLASS M EVENTS ON 03 FEBRUARY, THE SUN HAS BEEN QUIET THIS ZULU DAY. ONLY MINOR PERTURBATIONS HAVE OCCURRED TO THE X-RAY BACKGROUND WHICH IS AT C-1 LEVEL. REGION 988 (S29 W31); 991 (N20 W15); 997 (N21E46); 999 (N19E51); AND 1000 (N33W25) ARE ALL UNDERGOING STRUCTURAL CHANGES.

IB. SOLAR ACTIVITY IS EXPECTED TO BE MODERATE WITH M EVENTS CONTINUING TO OCCUR.

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETLED, OCCASIONALLY SLIGHTLY ACTIVE. UNSETLED TO ACTIVE CONDITIONS ARE EXPECTED FOR THE NEXT 24 HOURS.

III. EVENT PROBABILITIES 04 - 06 FEB

CLASS M 85/85/85

CLASS X 20/20/20

PROTON 15/15/15

RCAF YELLOW

IV. OTTAWA 10.7 CM FLUX

OBSERVED 03 FEB 169 (SEE NOTE)

PREDICTED 04 - 06 FEB 158/157/156

90-DAY MEAN 03 FEB 105

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 02 FEB 11

ESTIMATED AFR/AP 03 FEB 10/14

PREDICTED AFR/AP 04 - 06 FEB 15/15 - 17/17 - 20/20

NOTE: 1700 U.T. FLUX PROBABLY FLARE ENHANCED.

SOLTERWARN

BT

HFUS 3 BOU 041500
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO
SDF NUMBER 035-B
JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1500Z 04 FEB 1978

IA. SOLAR ACTIVITY HAS BEEN LOW THE PAST 8 HOURS. REGIONS 988 (S29W33), 991 (N20W17), 997 (N21E44) AND 1000 (N33W27) RETAIN THEIR POTENTIAL FOR ENERGETIC ACTIVITY. ALL OF THESE REGIONS ARE UNDERGOING STRUCTURAL OR GROWTH PATTERN CHANGES.

IB. SOLAR ACTIVITY IS EXPECTED TO RESUME TO A MODERATE LEVEL DURING THE NEXT 24 HOURS.

II. THE GEOMAGNETIC FIELD IS QUIET TO SLIGHTLY UNSETLED. UNSETLED TO ACTIVE CONDITIONS ARE EXPECTED DURING THE NEXT 24 HOURS.

III. EVENT PROBABILITIES 04 - 06 FEB

CLASS M 85/85/85

CLASS X 20/20/20

PROTON 15/15/15

PCAF YELLOW

IV. OTTAWA 10.7 CM FLUX

OBSERVED 03 FEB 169 (SEE NOTE)

PREDICTED 04 - 06 FEB 158/157/156

90-DAY MEAN 03 FEB 105

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 02 FEB 11

ESTIMATED AFR/AP 03 FEB 10/14

PREDICTED AFR/AP 04 - 06 FEB 15/15 - 17/17 - 20/20

NOTE: 1700 U.T. FLUX PROBABLY FLARE ENHANCED.

SOLTERWARN

BT

HFUS 1 BOUL 042215

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 035

C O R R E C T I O N

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 04 FEBRUARY 1978

IA. SOLAR ACTIVITY HAS BEEN GENERALLY LOW THIS ZULU DAY. THE MOST DYNAMIC REGIONS 988 (S28W40), 991 (N20W24), 997 (N22E37) AND 1000 (N32W35) STILL APPEAR THREATENING BUT THEIR AREAS OF STRESS ARE APPARENTLY RELAXED SOMEWHAT. REGION 988 HAS DECAYED IN SPOT AREA SINCE YESTERDAY AND THE PLAGE IS LESS BRIGHT. REGION 991 HAS ALSO SHOWN SLIGHT DECAY. REGION 997 CONTINUES TO GROW. THIS CONTINUED GROWTH IS DEVELOPING A COMPLEX CONSISTING OF 997, 998 AND 999. REGION 1000 MAY HAVE BECOME A CLASS C SPOT GROUP BUT IT CONTINUES TO FLUCTUATE IN BRIGHTNESS AND IT ALSO HAS AN ACTIVE DARK FILAMENT.

IB. SOLAR ACTIVITY IS EXPECTED TO RETURN TO A MODERATE LEVEL AS REGENERATION OCCURS IN 988, 991, 997 AND 1000.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET TO SLIGHTLY UNSETTLED. ACTIVE CONDITIONS SHOULD BEGIN DURING THE NEXT 24 HOURS.

III. EVENT PROBABILITIES 05 FEBRUARY - 07 FEBRUARY

CLASS M 85/85/85

CLASS X 20/20/20

PROTON 15/15/15

PCAF YELLOW

IV. OTTAWA 10.7 CM FLUX

OBSERVED 04 FEBRUARY 158

PREDICTED 05-07 FEBRUARY 156/152/146

90-DAY MEAN 04 FEBRUARY 106

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 03 FEBRUARY 12

ESTIMATED AFR/AP 04 FEBRUARY 08/08

PREDICTED AFR/AP 05-07 FEBRUARY 15/20 - 15/20 - 12/15

SOLTERWARN

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