

HFUS 3 BOU 260530

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 026A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0600Z 26 JANUARY 1978

IA. SOLAR ACTIVITY HAS BEEN VERY LOW. REGION 988 (S27E80) HAS
PRODUCED SEVERAL SMALL SUBFLARES. THE REGION IS ACTIVE AND GROWING.
THE REST OF THE DISK IS QUIET.

IB. SOLAR ACTIVITY WILL BE AT A LOW LEVEL. REGION 988 IS CAPABLE
OF CLASS M ACTIVITY.

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

III. EVENT PROBABILITIES 26 JANUARY - 28 JANUARY

CLASS M 10/10/10

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 25 JANUARY 107

PREDICTED 26-28 JANUARY 109/110/111

90-DAY MEAN 25 JANUARY 100

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 24 JANUARY 04

ESTIMATED AFR/AP 25 JANUARY 07/08

PREDICTED AFR/AP 26-28 JANUARY 08/09 - 07/08 - 07/08

SOLTERWARN

BT

HFUS 3 BOU 261500

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 026-B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1500Z 26 JAN 1978

IA. SOLAR ACTIVITY HAS BEEN LOW THE PAST EIGHT HOURS. CLASS C-3 X-RAY BURSTS WERE OBSERVED AT 26/1015Z, 1131Z, AND 1347Z, HOWEVER, NO OPTICAL REPORTS WERE RECEIVED. REGION 988 (S27E78) PRODUCED TWO SUB-NORMAL FLARES AT 26/0327Z AND 0637Z AND WAS PROBABLY RESPONSIBLE FOR THE CLASS C BURSTS. REGIONS 986 (N19W10) AND 988 ARE BOTH "D" TYPE GROUPS WITH FLUCTUATIONS AND POINT BRIGHTENINGS TO NEAR FLARE INTENSITY. OTHER REGIONS AND THE LIMBS ARE STABLE.

IB. SOLAR ACTIVITY SHOULD BE LOW. REGIONS 986 AND 988 SHOULD BE WATCHED FOR GROWTH OR CHANGE.

II. THE GEOMAGNETIC FIELD WAS UNSETTLED THRU THE PERIOD WITH GENERALLY UNSETTLED TO QUIET CONDITIONS EXPECTED TO CONTINUE.

III. EVENT PROBABILITIES 26 JANUARY - 28 JANUARY

CLASS M 10/10/10

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 25 JANUARY 107

PREDICTED 26-28 JANUARY 109/110/111

90-DAY MEAN 25 JANUARY 100

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 24 JANUARY 04

ESTIMATED AFR/AP 25 JANUARY 07/10

PREDICTED AFR/AP 26-28 JANUARY 12/14 - 07/08 - 07/08

SOLTERWARN

BT

HFUS 1 BOU 262200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO

SDF NUMBER 026

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 26 JANUARY 1978

IA. SOLAR ACTIVITY HAS BEEN LOW. REGION 988 (S30E74) HAS BEEN PRODUCING NEARLY CONTINUOUS SUBFLARES AND POINT BRIGHTENINGS AND THE 1 - 2A X-RAY BACKGROUND IS AT C-1 LEVEL. BOTH REGIONS 988 AND 986 (N18W14) ARE D TYPE SPOT GROUPS AND 988 MAY BE IN ITS EARLY STAGE OF DEVELOPMENT. MAUNA LOA OBSERVATORY REPORTS A POSSIBLE CORONAL TRANSIENT ASSOCIATED WITH THE DISAPPEARANCE OF A LARGE FILAMENT NEAR N70E25 SOMETIME BETWEEN 25/2200Z AND 26/1700Z. OTHER REGIONS AND THE LIMBS ARE STABLE.

IB. SOLAR ACTIVITY SHOULD BE LOW. CLASS C EVENTS ARE EXPECTED WITH M CLASS EVENTS POSSIBLE. GROWTH AND COMPLEXITY OF REGION 988 SHOULD BE MONITORED CLOSELY.

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED TO QUIET AND SLIGHTLY UNSETTLED CONDITIONS ARE EXPECTED THRU THE PERIOD.

III. EVENT PROBABILITIES 27 JAN-29 JAN 78

CLASS M 15/15/15

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 26 JAN 116

PREDICTED 27-29 JAN 118/119/119

90-DAY MEAN 26 JAN 100

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 25 JAN 12

ESTIMATED AFR/AP 26 JAN 10/12

PREDICTED AFR/AP 27-29 JAN 08/08 - 08/08 - 10/10

SOLTERWARN

BT