

HFUS 3 BOU 010600

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO

SDF NUMBER 032A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0600Z 01 FEBRUARY 1978

IA. SOLAR ACTIVITY HAS BEEN LOW DURING THE PAST EIGHT HOURS.
REGION 991 (N19E27) PRODUCED A ONE NORMAL FLARE, X-RAY C-8, AT 01/0124Z.
NO RADIO BURSTS WERE OBSERVED. REGION 986 (N18W90) APPEARS TO BE
ACTIVE AS IT IS MAKING ITS WEST LIMB PASSAGE.

IB. SOLAR ACTIVITY WILL BE LOW TO MODERATE DURING THE FORECAST PERIOD.
REGION 991 AND REGION 988 (S30E07) ARE BOTH CAPABLE OF PRODUCING EN-
ERGETIC FLARES.

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED AND IS EXPECTED TO BE
UNSETTLED TO ACTIVE DURING THE FORECAST PERIOD.

III. EVENT PROBABILITIES 01 FEBRUARY - 03 FEBRUARY

CLASS M 60/60/60

CLASS X 20/20/20

PROTON 20/20/20

PCAF YELLOW

IV. OTTAWA 10.7 CM FLUX

OBSERVED 31 JANUARY 140

PREDICTED 01 - 03 FEBRUARY 141/140/140

90-DAY MEAN 31 JANUARY 103

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 30 JANUARY 23

ESTIMATED AFR/AP 31 JANUARY 18/22

PREDICTED AFR/AP 01 - 03 FEBRUARY 15/20 - 20/20 - 15/20

SOLTERWAPN

BT

HFUS 3 BOU 011500

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 032B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1500Z 01 FEBRUARY 1978

IA. SOLAR ACTIVITY REMAINS LOW. ALL ACTIVE REGIONS HAVE BEEN
RELATIVELY STABLE THE PAST 8 HOURS. NEW REGION 996 (N26E65) HAS
EMERGED WITH 3 SPOTS IN A POSSIBLE C GROUP. NO SIGNIFICANT FLARE
ACTIVITY HAS BEEN NOTED SINCE ABOUT 0300Z.

IB. SOLAR ACTIVITY WILL BE LOW TO MODERATE. REGIONS 991 (N19E22)
AND 988 (S20E01) ARE BOTH CAPABLE OF ENERGETIC ACTIVITY

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET TO UNSETTLED THE PAST
8 HOURS. UNSETTLED TO ACTIVE CONDITIONS ARE EXPECTED THROUGH THE
FORECAST PERIOD.

III. EVENT PROBABILITIES 01 FEBRUARY - 03 FEBRUARY

CLASS M 60/60/60

CLASS X 20/20/20

PROTON 20/20/20

PCAF YELLOW

IV. OTTAWA 10.7 CM FLUX

OBSERVED 31 JANUARY 140

PREDICTED 01 - 03 FEBRUARY 141/140/140

90-DAY MEAN 31 JANUARY 103

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 30 JANUARY 23

ESTIMATED AFR/AP 31 JANUARY 18/22

PREDICTED AFR/AP 01 - 03 FEBRUARY 15/20 - 20/20 - 15/20

SOLTERWARM

BT

HFUS 1 BOU 012200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 032

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 01 FEBRUARY 1978

IA. SOLAR ACTIVITY HAS BEEN LOW THE PAST 24 HOURS. THERE ARE NOW
10 SPOTTED REGIONS ON THE DISK, THE NEWEST BEING REGION 997
(S26E76). ALL REGIONS ARE RELATIVELY STABLE EXCEPT REGION 991 (N19E12)
WHICH IS NOW A GAMMA MAGNETIC CLASS. REGION 988 (S27W03) HAS BEEN
GENERALLY STABLE BUT MAY ENTER A DECAYING PHASE AND GENERATE ENERGETIC
ACTIVITY.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN LOW TO MODERATE. REGIONS 991
AND 988 APPEAR MOST CAPABLE OF ENERGETIC ACTIVITY.

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED TO QUIET. UNSETTLED TO
ACTIVE CONDITIONS ARE EXPECTED THROUGH THE FORECAST PERIOD.

III. EVENT PROBABILITIES 02-04 FEB

CLASS M 60/60/60

CLASS X 20/20/20

PROTON 05/05/05

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 01 FEB 143

PREDICTED 02-04 FEB 140/140/138

90-DAY MEAN 01 FEB 103

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 31 JAN 18

ESTIMATED AFR/AP 01 FEB 10/13

PREDICTED AFR/AP 02-04 FEB 15/20 - 15/20 - 10/15

SOLTERWARN

BT