

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 (N 19E 27) PRODUCED A ONE NORMAL FLARE, X-RAY C-8, AT 01/0124Z.  
NO RADIO BURSTS WERE OBSERVED. REGION 986 (N 18W 90) 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 (S 30E 07) 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

I.A. 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.

I.B. SOLAR ACTIVITY WILL BE LOW TO MODERATE. REGIONS 991 (N19E22)  
AND 998 (S20E01) ARE BOTH CAPABLE OF ENERGETIC ACTIVITY

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

III. EVENT PROBABILITIES 01 FEBRUARY - 03 FEBRUARY

CLASS M 50/50/60

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

SOLIERWARN

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 UNSETLED TO QUIET. UNSETLED 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