

HFUS 1 BOU 080600

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 039A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 0600Z 08 FEBRUARY 1977

IA. SOLAR ACTIVITY HAS BEEN VERY LOW DURING THE PAST EIGHT HOURS.  
REGION 782 (S40E47) HAS SHOWN SOME GROWTH AND DEVELOPMENT. SEVERAL  
SMALL X-RAY ENHANCEMENTS HAVE BEEN OBSERVED ON SATELLITE READOUTS.

IB. SOLAR ACTIVITY WILL CONTINUE AT A VERY LOW LEVEL.

II. THE GEOMAGNETIC FIELD HAS BEEN IN AN UNSETTLED TO SLIGHTLY  
ACTIVE CONDITION. IT IS EXPECTED THAT THE FIELD WILL CONTINUE IN  
AN UNSETTLED CONDITION DURING THE NEXT 24 HOURS.

III. EVENT PROBABILITIES 08 FEBRUARY - 10 FEBRUARY

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 07 FEBRUARY 77

PREDICTED 08-10 FEBRUARY 77/76/76

90-DAY MEAN 07 FEBRUARY 77

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 06 FEBRUARY 11

ESTIMATED AFR/AP 07 FEBRUARY 15/13

PREDICTED AFR/AP 08-10 FEBRUARY 10/10 - 08/08 - 12/12

SOLTERWARN

BT

HFUS 1 BOU 081500  
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO  
SDF NUMBER 039-B  
JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 1500Z 08 FEB 1977

IA. SOLAR ACTIVITY HAS BEEN VERY LOW. REGION 779 (N28W43) IS NOW SPOTLESS AND STABLE. REGION 782 (S40E42) HAS HAD MARKED GROWTH DURING THE PAST 18 HOURS WITH RAMEY REPORTING 13 SPOTS WITH A D-TYPE GROUP. A NEW REGION MAY BE EMERGING NEAR N19W22. NUMEROUS MINOR X-RAY ENHANCEMENTS HAVE BEEN OCCURRING.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN VERY LOW TO LOW WITH SEVERAL CLASS C X-RAY EVENTS EXPECTED AS REGION 782 CONTINUES ITS GROWTH.

II. THE GEOMAGNETIC FIELD HAS BEEN MODERATELY UNSETLED THIS ZULU DAY. GENERALLY UNSETLED CONDITIONS ARE EXPECTED FOR THE BALANCE OF THE FORECAST PERIOD.

III. EVENT PROBABILITIES 08 FEBRUARY - 10 FEBRUARY

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 07 FEBRUARY 77

PREDICTED 08-10 FEBRUARY 080/82/82

90-DAY MEAN 07 FEBRUARY 77

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 06 FEBRUARY 11

ESTIMATED AFR/AP 07 FEBRUARY 15/13

PREDICTED AFR/AP 08-10 FEBRUARY 10/10 - 08/08 - 12/12

SOLTERWARN

BT

HFUS 1 BOU 082200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLORADO

SDF NUMBER 039

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 2200Z 08 FEBRUARY 1977

IA. SOLAR ACTIVITY REMAINS VERY LOW. REGION 782 (S40E39) PRODUCED A SN/C2 FLARE WITH MAXIMUM AT 08/1906Z. THIS REGION CONTINUES A SLOW GROWTH WITH MODERATE EMISSION IN ALL WAVELENGTHS. REGION 783 (N18W26) HAS SHOWN NO GROWTH TENDENCY IN EITHER WHITE LIGHT OR H-ALPHA.

IB. SOLAR ACTIVITY IS EXPECTED TO BE LOW. REGION 782 IS EXPECTED TO PRODUCE SEVERAL CLASS C X-RAY EVENTS WITH A CHANCE FOR A CLASS M EVENT.

II. THE GEOMAGNETIC FIELD WAS UNSETTLED BECOMING ACTIVE AFTER 08/1500Z. THE FIELD IS EXPECTED TO BE ACTIVE THE FIRST HALF OF THE FORECAST PERIOD AND THEN BECOME UNSETTLED.

III. EVENT PROBABILITIES 09 - 11 FEB

CLASS M 10/10/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 08 FEB 81

PREDICTED 09-11 FEB 84/85/85

90-DAY MEAN 08 FEB 77

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 07 FEB 16

ESTIMATED AFR/AP 08 FEB 15/15

PREDICTED AFR/AP 09-11 FEB 18/25 - 12/15 - 08/08

SOLTERWARN

BT