

HFUS 1 BOU 090600

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 040A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0600Z 09 FEBRUARY 1977

IA. SOLAR ACTIVITY HAS BEEN VERY LOW DURING THE PAST EIGHT HOURS.
SEVERAL SMALL X-RAY BURSTS HAVE BEEN OBSERVED ON SATELLITE READ-
OUTS. REGION 782 (S40E36) CONTINUES TO BE THE MOST INTERESTING
DISK REGION AND CONTINUES TO GROW AND DEVELOP.

IB. SOLAR ACTIVITY WILL CONTINUE AT A LOW LEVEL. CLASS C EVENTS
WILL CONTINUE AND CLASS M EVENTS ARE PROBABLE FROM REGION 782.

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETLED TO ACTIVE DURING
THE PAST EIGHT HOURS. IT IS EXPECTED THAT THE FIELD WILL BE ACTIVE
DURING NIGHT TIME BOULDER AND UNSETLED DURING THE DAYLIGHT
BOULDER.

III. EVENT PROBABILITIES 09 FEBRUARY - 11 FEBRUARY

CLASS M 10/10/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 08 FEBRUARY 81

PREDICTED 09-11 FEBRUARY 84/85/85

90-DAY MEAN 08 FEBRUARY 77

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 07 FEBRUARY 16

ESTIMATED AFR/AP 08 FEBRUARY 15/15

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

SOLTERWARN

BT

HFUS 1 BOU 091500
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO
SDF NUMBER 040-B
JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1500Z 09 FEB 1977

IA. SOLAR ACTIVITY HAS BEEN VERY LOW THIS ZULU DAY. NUMEROUS X-RAY ENHANCEMENTS HAVE OCCURRED, BUT NONE ATTAINED CLASS C THRESHOLD. THE LAST SIGNIFICANT EVENT WAS A SN/C1 AT 08/2212Z (MAX) FROM REGION 782. A SIMPLE BURST OF 51 F.U. WAS OBSERVED AT 2695 MHZ AT BOULDER FOR THIS FLARE. REGION 782 CONTINUES ITS GROWTH, PRIMARILY IN WHITE LIGHT SUNSPOT STRUCTURE.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN VERY LOW TO LOW WITH SEVERAL CLASS C EVENTS EXPECTED.

II. THE GEOMAGNETIC FIELD HAS BEEN ACTIVE SINCE 08/1500Z. THE FIELD IS EXPECTED TO REMAIN GENERALLY ACTIVE FOR THE NEXT 24-36 HOURS AND THEN BECOME UNSETTLED.

III. EVENT PROBABILITIES 09 FEBRUARY - 11 FEBRUARY

CLASS M 10/10/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 08 FEBRUARY 81

PREDICTED 09-11 FEBRUARY 84/85/85

90-DAY MEAN 08 FEBRUARY 77

V. GEOMAGNETIC INDICES

OBSERVED FREDERICKSBURG 07 FEBRUARY 16

ESTIMATED AFR/AP 08 FEBRUARY 15/15

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

SOLTERWARN

BT

HFUS 1 BOU 092200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 040

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 09 FEB 1977

IA. SOLAR ACTIVITY HAS BEEN VERY LOW. NUMEROUS X-RAY ENHANCEMENTS HAVE OCCURRED BUT NONE ATTAINED CLASS C THRESHOLD. REGION 782 (S40E25) HAS CONTINUED ITS GROWTH, PRIMARILY IN SUNSPOT STRUCTURE. KITT PEAK MAGNETGRAM SHOWS MAGNETIC COMPLEXITY, WITH A POLARITY INTRUSION IN THE CENTER OF THE REGION AND ISOLATED POLES ON THE PERIMETER. TWO SN FLARES WERE REPORTED. ONE IN REGION 782 AND THE OTHER FROM A SPOTLESS PLAGE NEAR N12E43 AS A SMALL INTERIOR FILAMENT DISAPPEARED.

IB. SOLAR ACTIVITY IS EXPECTED TO BE LOW. SEVERAL CLASS C EVENTS ARE EXPECTED FROM REGION 782 WITH A CLASS M EVENT POSSIBLE.

II. THE GEOMAGNETIC FIELD HAS BEEN ACTIVE. MODERATELY UNSETTLED CONDITIONS, WITH SHORTER PERIODS OF ACTIVE CONDITIONS, ARE EXPECTED FOR THE NEXT 24-36 HOURS WITH THE FIELD THEN BECOMING UNSETTLED.

III. EVENT PROBABILITIES 10 - 12 FEB

CLASS M 15/10/10

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 09 FEB 85

PREDICTED 10 - 12 FEB 87/88/88

90-DAY MEAN 09 FEB 77

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 08 FEB 12

ESTIMATED AFR/AP 09 FEB 19/25

PREDICTED AFR/AP 10 - 12 FEB 12/15 - 08/08 - 08/08

SOLTERWARN

BT