

HFUS 1 BOU 010450

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 182A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 0500Z 01 JULY 1975

IA. SOLAR ACTIVITY HAS REMAINED AT A VERY LOW LEVEL DURING THE PAST SEVEN HOURS. A WEAK BUT LONG-LASTING X-RAY BURST OF UNKNOWN ORIGIN BEGAN AT 01/0148Z. A MAXIMUM INTENSITY OF  $5 \times 10^{-4}$  ERGS/CM<sup>2</sup>/SEC AT 1-8 ANGSTROMS WAS RECORDED BY THE SMS2/GOES SATELLITE AT 01/0342Z. THIS UNUSUAL EVENT WAS STILL IN PROGRESS AT 01/0500Z. REGION 604 (N06W05) HAS REMAINED RELATIVELY STABLE.

IB. A VERY LOW LEVEL OF SOLAR ACTIVITY IS EXPECTED TO CONTINUE. SINCE THE SOURCE OF THE X-RAY BURST MENTIONED ABOVE IS NOT KNOWN, BOTH EAST AND WEST LIMBS SHOULD BE WATCHED FOR VISIBLE ACTIVITY THAT COULD INDICATE THE SOURCE OF THE X-RAY EMISSION.

II. THE GEOMAGNETIC FIELD HAS BEEN GENERALLY ACTIVE DURING THE PAST SEVEN HOURS. ACTIVE CONDITIONS ARE EXPECTED DURING THE NEXT 36-48 HOURS.

III. EVENT PROBABILITIES 01 JULY - 03 JULY

CLASS M 10/10/10

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 30 JUNE 76

PREDICTED 01 JULY - 03 JULY 75/73/73

90-DAY MEAN 30 JUNE 70

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 29 JUNE 20

ESTIMATED AFR/AP 30 JUNE 21/25

PREDICTED AFR/AP 01 JULY - 03 JULY 17/19 - 17/19 - 15/16

SOLTERWARN

BT

HFUS 1 BOU 011430  
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO  
SDF NUMBER 182B  
JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 1430Z 01 JULY 1975

IA. SOLAR ACTIVITY REMAINS AT A VERY LOW LEVEL. REGION 604  
(N06W11) CONTINUES TO EXHIBIT DYNAMIC BEHAVIOR IN SEVERAL WAYS.  
FLUCTUATIONS AND POINT BRIGHTENINGS CONTINUE TO BE REPORTED AND  
OCCASIONAL ACTIVITY IS NOTED IN ITS NEUTRAL LINE FILAMENT.

A SLIGHT DECAY HAS OCCURRED IN THE TRAILER PORTION OF THE SPOT  
GROUP WHILE THE LARGE LEADER IS BASICALLY UNCHANGED.

IB. SOLAR ACTIVITY SHOULD PERSIST AT A VERY LOW LEVEL BUT THE  
POSSIBILITY OF CLASS C X-RAY EVENTS REMAINS STRONG.

II. THE GEOMAGNETIC FIELD EXPERIENCED A SHORT PERIOD OF MINOR  
STORM CONDITIONS DURING THE PAST SIX HOURS. UNSETTLED TO ACTIVE  
CONDITIONS IN DAYLIGHT SECTORS WITH ACTIVE TO MINOR STORM  
CONDITIONS IN NIGHTTIME SECTORS ARE EXPECTED FOR THE NEXT 3 DAYS.

III. EVENT PROBABILITIES 01 - 03 JULY

CLASS M 10/10/10

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 30 JUNE 76

PREDICTED 01 - 03 JULY 75/73/73

90-DAY MEAN 30 JUNE 70

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 29 JUNE 20

ESTIMATED AFR/AP 30 JUNE 21/25

PREDICTED AFR/AP 01 - 03 JULY 17/19 - 17/19 - 15/16

SOLTERWARN

BT

GEOALERT WWA182 010300  
91230 10300 20760 30212 49990  
40306 02000  
80601 77773 40306 QUIET  
SOLQUIET MAGALERT 01/01 MINOR  
FIN  
SOLTERWARN

HFUS 1 BOU 012200  
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO  
SDF NUMBER 182  
JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 2200Z 01 JULY 1975

IA. SOLAR ACTIVITY IS AT A VERY LOW LEVEL. REGION 604  
(N06W15) HAS ONE OPPOSITE POLARITY LEADER SPOT DEVELOPING WHICH  
COULD BE THE PREDECESSOR TO A BETA GAMMA CONFIGURATION. THE REGION  
CONTINUES TO SHOW OCCASIONAL POINT BRIGHTENINGS AND FLUCUATIONS  
BUT IS OTHERWISE UNCHANGED.

IB. SOLAR ACTIVITY WILL REMAIN AT A VERY LOW LEVEL. SHOULD THE  
BETA GAMMA CONFIGURATION DEVELOPE, A CORRESPONDING INCREASE IN  
THE EVENT PROBABILITIES CAN BE EXPECTED.

II. THE GEOMAGNETIC FIELD EXPERIENCED ACTIVE TO MINOR STORM  
CONDITIONS DURING THE PAST 24 HOURS. PERIODIC MINOR STORM  
CONDITIONS ARE EXPECTED IN NIGHTTIME SECTORS DURING THE NEXT  
TWO DAYS WITH UNSETTLED TO ACTIVE CONDITIONS IN DAYLIGHT SECTORS.

III. EVENT PROBABILITIES 02 - 04 JULY

CLASS M 05/05/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 01 JULY 76

PREDICTED 02 - 04 JULY 75/75/74

90-DAY MEAN 01 JULY 70

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 30 JUNE 19

ESTIMATED AFR/AP 01 JULY 13/18

PREDICTED AFR/AP 02 - 04 JULY 15/19 - 13/16 - 7/7

SOLTERWARN

BT