

HFUS 1 BOU 110550

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 011A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0600Z 11 JANUARY 1976

IA. SOLAR ACTIVITY HAS BEEN VERY LOW DURING THE PAST EIGHT HOURS.
THERE ARE NO SPOTS ON THE VISIBLE DISK. THE LIMBS ARE QUIET AND
STABLE.

IB. SOLAR ACTIVITY IS EXPECTED TO CONTINUE AT A VERY LOW LEVEL.

II. A MINOR GEOMAGNETIC STORM STARTED GRADUALLY AT 10/1450Z. AT
11/0100Z THE FIELD HAD REACHED MINOR STORM LEVEL. THIS UNEXPECTED
DISTURBANCE IS EXPECTED TO CONTINUE THROUGH 12 JANUARY.

III. EVENT PROBABILITIES 11 JANUARY - 13 JANUARY

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 10 JANUARY 73

PREDICTED 11-13 JANUARY 73/73/73

90-DAY MEAN 10 JANUARY 77

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 09 JANUARY 03

ESTIMATED AFR/AP 10 JANUARY 19/36

PREDICTED AFR/AP 11-13 JANUARY 20/30 - 14/20 - 10/10

SOLTERWARN

BT

HFUS 1 BOU 111500

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO

SDF NUMBER 011B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1500Z 11 JANUARY 1976

IA. SOLAR ACTIVITY HAS BEEN VERY LOW DURING THE PAST 16 HOURS.
THERE ARE NO SIGNIFICANT FEATURES ON THE SOLAR DISK. PERSISTENT
SURGE ACTIVITY HAS BEEN REPORTED AT SE06. OTHERWISE, THE SUN IS
QUIET.

IB. SOLAR ACTIVITY IS EXPECTED TO CONTINUE VERY LOW.

II. A MINOR MAGNETIC STORM STARTED GRADUALLY AT 10/1450Z.
THE UNEXPECTED STORM WAS VERY SHORT-LIVED AND MAGNETIC ACTIVITY
HAD DIMINISHED TO QUIET LEVELS BY 11/0900Z. THE FIELD IS EXPECTED
TO BE UNSETTLED DURING THE FORECAST PERIOD.

III. EVENT PROBABILITIES 11 JANUARY - 13 JANUARY 1976

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 10 JANUARY 073

PREDICTED 11 - 13 JANUARY 073/073/073

90-DAY MEAN 10 JANUARY 077

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 09 JANUARY 03

ESTIMATED AFR/AP 10 JANUARY 44/36

PREDICTED AFR/AP 11 - 13 JANUARY 19/21 - 14/14 - 10/10

SOLTERWARN

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HFUS 1 BOU 112200
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO
SDF NUMBER 011
JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 11 JANUARY 1976
IA. SOLAR ACTIVITY CONTINUES VERY LOW WITH NO FLARES REPORTED.
HOWEVER, AN ACTIVE REGION WITH SPOTS, REGION 676 (S11E84),
HAS PASSED INTO VIEW ON THE EAST LIMB. ALTHOUGH NO OPTICAL FLARES
HAVE BEEN REPORTED TODAY, TWO X-RAY FLARES, BOTH CLASS C1 (AT
11/1456Z AND 11/1855Z), HAVE BEEN OBSERVED BY SMS-2 SATELLITE.
THESE X-RAY BURSTS ARE THOUGHT TO HAVE COME FROM REGION 676.
IB. SOLAR ACTIVITY IS EXPECTED TO BE LOW DURING THE NEXT 24 HOURS
WITH A FEW C CLASS SUBFLARES EXPECTED FROM REGION 676.
II. GEOMAGNETIC ACTIVITY APPROACHED MAJOR MAGNETIC STORM LEVELS
FOR A BRIEF PERIOD 24 HOURS AGO. THE ACTIVITY HAD SUBSIDED TO
QUIET LEVELS BY 11/0900Z. THE FIELD IS CURRENTLY ACTIVE AND K-VALUES
OF 3 TO 4 SHOULD BE EXPECTED DURING LOCAL NIGHTTIME HOURS FOR
THE NEXT DAY OR TWO. OTHERWISE, THE FIELD SHOULD BE QUIET TO MILDLY
UNSETTLED.
III. EVENT PROBABILITIES 12 JANUARY - 14 JANUARY 1976
CLASS M 01/01/01
CLASS X 01/01/01
PROTON 01/01/01
PCAF GREEN
IV. OTTAWA 10.7 CM FLUX
OBSERVED 11 JANUARY 075
PREDICTED 12 - 14 JANUARY 075/076/076
90-DAY MEAN 11 JANUARY 077
V. GEOMAGNETIC A INDICES
OBSERVED FREDERICKSBURG 10 JANUARY 44
ESTIMATED AFR/AP 11 JANUARY 20/25
PREDICTED AFR/AP 12 - 14 JANUARY 14/14 - 10/10 - 09/09
SOLTERWARN
BT