

HFUS 3 BOU 180600

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO

SDF NUMBER 322A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0600Z 18 NOV 1977

IA. SOLAR ACTIVITY WAS VERY LOW DURING THE PAST SEVEN HOURS. REGION 939 (N24E14) CONTINUES ITS GROWTH IN BOTH WHITE LIGHT AND H-ALPHA AND HAS A STRONG AFS. MT. WILSON OBSERVATORY REPORTED A DELTA MAGNETIC CONFIGURATION IN THIS REGION. OTHER REGIONS WERE STABLE.

IB. THE LEVEL OF SOLAR ACTIVITY IS EXPECTED TO INCREASE AS REGION 939 CONTINUES ITS GROWTH AND DEVELOPMENT. C-CLASS X-RAY ACTIVITY IS LIKELY WHILE ISOLATED M-CLASS ACTIVITY IS POSSIBLE DURING THE REST OF THIS FORECAST PERIOD.

II. THE GEOMAGNETIC FIELD WAS GENERALLY QUIET DURING THE PAST SEVEN HOURS. GENERALLY UNSETTLED CONDITIONS ARE EXPECTED DURING THE REST OF THE ZULU DAY.

III. EVENT PROBABILITIES 18-20 NOV

CLASS M 10/20/30

CLASS X 01/01/05

PROTON 01/01/05

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 17 NOV 103

PREDICTED 18-20 NOV 105/106/107

90-DAY MEAN 17 NOV 096

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 16 NOV 12

ESTIMATED AFR/AP 17 NOV 06/06

PREDICTED AFR/AP 18-20 NOV 10/15 - 08/12 - 10/15

SOLTERWARN

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HFUS 3 BOU 181500
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO
SDF NUMBER 322-B
JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1500Z 18 NOV 1977
IA. SOLAR ACTIVITY HAS BEEN VERY LOW THE PAST 8 HOURS. REGION
939 (N23E10) APPEARS TO HAVE SLOWED ITS GROWTH AND STABILIZED
SLIGHTLY. AFS NOTED ON THE PREVIOUS REPORT DISAPPEARED THEN REFORMED
ABOUT 1230Z. THE NEUTRAL LINE REMAINS ACTIVE. ALL OTHER REGIONS
APPEAR QUIET AND STABLE.
IB. SOLAR ACTIVITY IS EXPECTED TO BE VERY LOW TO LOW WITH REGION
939 STILL CAPABLE OF ACTIVITY. C-CLASS X-RAY ACTIVITY IS LIKELY AND
ISOLATED M-CLASS ACTIVITY IS POSSIBLE.
II. THE GEOMAGNETIC FIELD HAS BEEN QUIET. QUIET TO UNSETTLED
CONDITIONS ARE EXPECTED THROUGHOUT THE NEXT 24 HOURS.
III. EVENT PROBABILITIES 18 - 20 NOV
CLASS M 10/20/30
CLASS X 01/01/05
PROTON 01/01/05
PCAF GREEN
IV. OTTAWA 10.7 CM FLUX
OBSERVED 17 NOV 103
PREDICTED 18 - 20 NOV 105/106/107
90-DAY MEAN 17 NOV 96
V. GEOMAGNETIC A INDICES
OBSERVED FREDERICKSBURG 16 NOV 12
ESTIMATED AFR/AP 17 NOV 06/06
PREDICTED AFR/AP 18 - 20 NOV 10/15 - 08/12 - 10/15
SOLTERWARN
BT

HFUS 1 BOU 182200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 322

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 18 NOVEMBER 1977

IA. SOLAR ACTIVITY HAS BEEN VERY LOW THE PAST 24 HOURS. REGION
939 (N23E02) WAS GROWING THROUGH MOST OF THE PERIOD BUT APPEARS TO
HAVE STABILIZED SLIGHTLY NOW. THE REMAINING ACTIVE REGIONS APPEAR
QUIET AND STABLE.

IB. SOLAR ACTIVITY IS EXPECTED TO BE VERY LOW TO LOW. C-CLASS
EVENTS ARE EXPECTED FROM REGION 939 AND ISOLATED M-CLASS
EVENTS ARE POSSIBLE.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET THE PAST 24 HOURS.
THE FIELD IS EXPECTED TO BECOME QUIET TO UNSETTLED DURING THE NEXT
24 HOURS.

III. EVENT PROBABILITIES 19-21 NOV

CLASS M 20/30/20

CLASS X 01/05/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 18 NOV 104

PREDICTED 19-21 NOV 104/103/104

90-DAY MEAN 18 NOV 96

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 17 NOV 10

ESTIMATED AFR/AP 18 NOV 05/05

PREDICTED AFR/AP 19-21 NOV 08/12 - 10/15 - 15/20

SOLTERWARN

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