

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 (N24E 14) 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 UNSETLED 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	
BT	

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 UNSETLED 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 (N23E 02) 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 UNSETLED 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

BT