

HFUS 1 BOU 170500

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO

SDF NUMBER 261A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 0500Z 17 SEP 1976

IA. SOLAR ACTIVITY REMAINS AT A VERY LOW LEVEL ALTHOUGH OCCASIONAL  
SMALL X-RAY BURSTS CONTINUE. THE LARGEST BURST REACHED C-1  
CRITERIA AND WAS ASSOCIATED WITH A SMALL FLARE IN REGION 738  
(S10E50). THE REST OF THE DISK IS UNCHANGED.

IB. SOLAR ACTIVITY WILL BE AT A VERY LOW LEVEL FOR THE DURATION  
OF THIS FORECAST PERIOD.

II. THE GEOMAGNETIC FIELD IS QUIET TO SLIGHTLY UNSETTLED. NO  
CHANGE IS EXPECTED UNTIL 19 SEPT AT WHICH TIME AN ACTIVE PERIOD  
SHOULD BEGIN.

III. EVENT PROBABILITIES 17-19 SEPT

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 16 SEP 75

PREDICTED 17-19 SEP 76/77/77

90-DAY MEAN 16 SEP 72

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 15 SEP 12

ESTIMATED AFR/AP 16 SEP 07/05

PREDICTED AFR/AP 17-19 SEP 10/10 - 10/10 - 25/20

SOLTERWARN

BT

HFUS 1 BOU 171430

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 261-B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 1430Z 17 SEP 1976

IA. SOLAR ACTIVITY HAS BEEN VERY LOW. SMALL X-RAY BURSTS  
CONTINUE.

IB. SOLAR ACTIVITY WILL BE AT VERY LOW LEVELS DURING THIS FORECAST  
PERIOD.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET WITH BRIEF PERIODS OF  
UNSETTLED CONDITIONS DURING THE PAST 24 HOURS. THE FIELD IS EX-  
PECTED TO BE QUIET TO SLIGHTLY UNSETTLED THRU 18 SEP AND THEN AN  
ACTIVE PERIOD IS EXPECTED DUE TO RECURRENCE.

III. EVENT PROBABILITIES 17 - 19 SEP

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 16 SEP 75

PREDICTED 17 - 19 SEP 76/77/77

90-DAY MEAN 16 SEP 72

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 15 SEP 12

ESTIMATED AFR/AP 16 SEP 07/05

PREDICTED AFR/AP 17 - 19 SEP 10/10 - 10/10 - 25/20

SOLTERWARN

BT

HFUS 1 BOU 172200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 261

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 2200Z 17 SEP 1976

IA. SOLAR ACTIVITY HAS BEEN VERY LOW. MCMATH REPORTED A IB  
FLARE IN REGION 739 (N23E70) AT 1803Z. A C3 X-RAY  
EVENT ALSO BEGAN AT 1803Z. NO CONFIRMATION OF THE IB FLARE HAS  
BEEN MADE BY OTHER OBSERVATORIES.

IB. SOLAR ACTIVITY WILL CONTINUE AT VERY LOW LEVELS. X-RAY EVENTS  
WILL CONTINUE WITH A SLIGHT CHANCE OF AN M-CLASS X-RAY EVENT.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET TO SLIGHTLY UNSETTLED.  
THE FIELD IS EXPECTED TO BE UNSETTLED DURING THE NEXT 24-36  
HOURS THEN BECOMING ACTIVE DUE TO A RECURRENT MAGNETIC ACTIVITY.

III. EVENT PROBABILITIES 18 - 20 SEP

CLASS M 15/15/15

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 17 SEP 76

PREDICTED 18 - 20 SEP 79/80/81

90-DAY MEAN 17 SEP 72

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 16 SEP 08

ESTIMATED AFR/AP 17 SEP 07/05

PREDICTED AFR/AP 18 - 20 SEP 10/10 - 20/20 - 17/25

SOLTERWARN

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