

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 UNSETLED. 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 1B FLARE IN REGION 739 (N23E70) AT 1803Z. A C3 X-RAY EVENT ALSO BEGAN AT 1803Z. NO CONFIRMATION OF THE 1B 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 UNSETLED. THE FIELD IS EXPECTED TO BE UNSETLED 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

BT