

HFUS 1 BOU 090530
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO
SDF NUMBER 344A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0600Z 09 DECEMBER 1976

IA. SOLAR ACTIVITY HAS BEEN VERY LOW. REGION 759 (N08E31) HAS GROWN SIGNIFICANTLY AND HAS PRODUCED TWO FLARES REACHING C-CLASS X-RAY LEVEL. REGION 760 (N24W01) APPEARS STABLE OR DECLINED.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN VERY LOW, HOWEVER C-CLASS X-RAY EVENTS MAY CONTINUE INFREQUENTLY. THE CHANCE FOR HIGHER LEVEL ACTIVITY REMAINS POOR.

II. THE GEOMAGNETIC FIELD HAS BEEN, ON THE AVERAGE, UNSETTLED DURING THE PAST 8 HOURS, BUT IS PRESENTLY QUIET. ACTIVE CONDITIONS ARE EXPECTED TO RESUME, AND THE RECURRENT GEOMAGNETIC DISTURBANCE IS PREDICTED TO CONTINUE DURING THE NEXT TWO DAYS.

III. EVENT PROBABILITIES 09 DECEMBER - 11 DECEMBER

CLASS M	05/05/05
CLASS X	01/01/01
PROTON	01/01/01
PCAF	GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED	08 DECEMBER 73
PREDICTED	09-11 DECEMBER 74/75/75
90-DAY MEAN	08 DECEMBER 74

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG	07 DECEMBER 14
ESTIMATED AFR/AP	08 DECEMBER 20/20
PREDICTED AFR/AP	09-11 DECEMBER 17/20 - 17/20 - 13/15
SOLTERWARN	
BT	

HFUS 1 BOU 091500
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO
SDF NUMBER 344-B
JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1500Z 09 DEC 1976

IA. SOLAR ACTIVITY HAS BEEN VERY LOW. REGION 760 (N24W07) HAS DECAYED TO A VERY WEAK STRUCTURE. REGION 759 (N08E27) HAS PRODUCED SEVERAL SUBFLARES WITH THE LARGEST X-RAY RESPONSE A C-2. DARK SURGES ARE OCCURRING AROUND THE LEADER SPOT. RAMEY OBSERVATORY REPORTS 20 SUNSPOTS CURRENTLY IN REGION 759.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN VERY LOW TO LOW. CLASS C X-RAY EVENTS ARE EXPECTED FROM REGION 759.

II. THE GEOMAGNETIC FIELD HAS BEEN QUITE VARIABLE, FROM QUIET TO MINOR STORM (09/0600-1000Z) AT BOULDER. OVERALL THE FIELD HAS BEEN ACTIVE. ACTIVE TO MODERATELY UNSETLED CONDITIONS ARE EXPECTED FOR THE BALANCE OF THE FORECAST PERIOD.

III. EVENT PROBABILITIES 09 DECEMBER - 11 DECEMBER

CLASS M	05/05/05
CLASS X	01/01/01
PROTON	01/01/01
PCAF	GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED	08 DECEMBER 73
PREDICTED	09-11 DECEMBER 74/75/75
90-DAY MEAN	08 DECEMBER 74

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG	07 DECEMBER 14
ESTIMATED AFR/AP	08 DECEMBER 20/20
PREDICTED AFR/AP	09-11 DECEMBER 17/20 - 17/20 - 13/15
SOLTERWARN	
BT	

HFUS 1 BOU 092200
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO
SDF NUMBER 344
JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 09 DEC 1976

CORR COPY

IA. SOLAR ACTIVITY HAS BEEN VERY LOW. REGION 760 (N24W10) HAS DECAYED. REGION 759 (N07E20) HAS HAD MODERATE GROWTH DURING THE PAST 24 HOURS. THIS REGION HAS PRODUCED SEVERAL SUBFLARES WITH THE LARGEST ASSOCIATED X-RAY EVENT BEING A C-2 (09/0203Z).

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN VERY LOW TO LOW WITH OCCASIONAL CLASS C X-RAY EVENTS OCCURRING IN REGION 759.

II. THE GEOMAGNETIC FIELD HAS BEEN QUITE VARIABLE, FROM QUIET TO MINOR STORM (09/0600 - 1000Z) AT BOULDER. OVERALL THE FIELD HAS BEEN ACTIVE. THE FIELD IS EXPECTED TO BE ACTIVE TO MODERATELY UNSETTLED FOR THE NEXT 30-42 HOURS AND THEN BECOME SLIGHTLY UNSETTLED.

III. EVENT PROBABILITIES 10 - 12 DEC

CLASS M 05/05/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 09 DEC 77

PREDICTED 10 - 12 DEC 78/78/79

90-DAY MEAN 09 DEC 74

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 08 DEC 21

ESTIMATED AFR/AP 09 DEC 14/17

PREDICTED AFR/AP 10 - 12 DEC 17/20 - 13/15 - 07/08

SOLTERWARN

BT