

HFUS 3 BOU 280500

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO

SDF NUMBER 301A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 0500Z 28 OCTOBER 1977

IA. SOLAR ACTIVITY REMAINS AT A VERY LOW LEVEL. REGION 922 (N21E26)  
PRODUCED A SMALL SUBFAINT FLARE AT 0042Z AND THE PLAGE NEAR N22E61  
(REGION 926) NOW HAS AT LEAST ONE SPOT. THE REST OF THE DISK IS  
BASICALLY UNCHANGED.

IB. SOLAR ACTIVITY WILL BE AT A VERY LOW LEVEL FOR THE NEXT 24  
HOURS.

II. THE GEOMAGNETIC FIELD IS DISTURBED. MINOR STORM CONDITIONS ARE  
EXPECTED IN NIGHTTIME SECTORS DURING THE NEXT 24 HOURS WHILE  
UNSETTLED TO ACTIVE CONDITIONS WILL PERSIST IN DAYLIGHT SECTORS.

III. EVENT PROBABILITIES 28-30 OCTOBER

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 27 OCTOBER 90

PREDICTED 28-30 OCTOBER 91/92/94

90-DAY MEAN 27 OCTOBER 94

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 26 OCTOBER 06

ESTIMATED AFR/AP 27 OCTOBER 38/45

PREDICTED AFR/AP 28-30 OCTOBER 20/30 - 15/20 - 10/10

SOLTERWARN

BT

HFUS 3 BOU 281500

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 301-B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 1500Z 28 OCT 1977

IA. SOLAR ACTIVITY HAS BEEN VERY LOW. REGION 927 IS EMERGING NEAR  
N16W55. REGION 928 IS ROTATING ONTO THE DISK NEAR S25E82.

OULGOORA REPORTED AN ERUPTIVE EVENT AT 28/0556Z AND RAMEY REPORTED  
A IN/C1 AT 28/1225Z FROM REGION 928.

IB. SOLAR ACTIVITY IS EXPECTED TO BE VERY LOW TO LOW.

II. THE GEOMAGNETIC FIELD HAS BEEN AT STORM LEVELS. THE FIELD IS  
EXPECTED TO BE GENERALLY ACTIVE FOR THE NEXT 24 HOURS AS THE STORM  
SUBSIDES.

III. EVENT PROBABILITIES 28-30 OCTOBER

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 27 OCTOBER 90

PREDICTED 28-30 OCTOBER 91/92/94

90-DAY MEAN 27 OCTOBER 94

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 26 OCTOBER 06

ESTIMATED AFR/AP 27 OCTOBER 38/49

PREDICTED AFR/AP 28-30 OCTOBER 20/30 - 15/20 - 10/10

SOLTERWARN

BT

HFUS 1 BOU 282200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 301

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 2200Z 28 OCT 1977

IA. SOLAR ACTIVITY HAS BEEN VERY LOW. REGION 928 (S23E71) PRODUCED  
AN ERUPTIVE EVENT AT 28/0556Z AND A IN/C1 AT 28/1225Z. THE REGION  
IS STILL TOO CLOSE TO THE LIMB BUT MAY HAVE A MAGNETIC ANOMOLY  
NEAR THE VISIBLE H-TYPE SPOT. NEW FLUX MAY BE EMERGING IN REGION  
922 (N22E13). A SF/C1 OCCURRED IN 922 AT 28/1904Z.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN VERY LOW TO LOW.

II. THE GEOMAGNETIC STORM HAS ABATED. THE FIELD IS EXPECTED TO  
BE ACTIVE THE NEXT 12-18 HOURS AND THEN BECOME GENERALLY UNSETTLED.

III. EVENT PROBABILITIES 29 - 31 OCT

CLASS M 05/05/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 28 OCT 93

PREDICTED 29 - 31 OCT 94/95/97

90-DAY MEAN 28 OCT 94

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 27 OCT 47

ESTIMATED AFR/AP 28 OCT 31/40

PREDICTED AFR/AP 29 - 31 OCT 15/14 - 10/12 - 08/08

SOLTERWARN

BT