

HFUS 3 BOU 200530

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 324A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 0500Z 20 NOVEMBER 1977

IA. SOLAR ACTIVITY HAS BEEN VERY LOW THE PAST 7 HOURS.  
NO SIGNIFICANT CHANGES HAVE BEEN REPORTED IN DISC OR LIMB FEATURES.

IB. SOLAR ACTIVITY IS EXPECTED TO BE VERY LOW TO LOW. REGION  
939 (S19W01) IS STILL CAPABLE OF ACTIVITY.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET THE PAST 7 HOURS. QUIET  
TO UNSETTLED CONDITIONS ARE EXPECTED DURING THE NEXT 24 HOURS.

III. EVENT PROBABILITIES 20-22 NOV

CLASS M 15/15/15

CLASS X 05/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 19 NOV 102

PREDICTED 20-22 NOV 102/102/102

90-DAY MEAN 19 NOV 97

V. GEOMAGNETIC A INDICES

OBSERVED FREDERISBURG 18 NOV 07

ESTIMATED AFR/AP 19 NOV 06/05

PREDICTED AFR/AP 20-22 NOV 12/15 - 15/18 - 18/20

SOLTERWARN

BT

HFUS 3 BOU 201500

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 324-B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 1500Z 20 NOV 1977

IA. SOLAR ACTIVITY REMAINS VERY LOW. REPORTS INDICATE THAT  
REGION 939 (N23W16) CONTINUES TO DECAY. RAMEY REPORTS AN UNCON-  
FIRMED NEW REGION AT N35W21 WITH A SINGLE A TYPE SPOT. THE REST  
OF THE DISK AND THE LIMBS ARE QUIET.

IB. SOLAR ACTIVITY SHOULD REMAIN VERY LOW.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET THE PAST EIGHT HOURS.  
THE FIELD MAY BECOME INCREASINGLY ACTIVE THRU THE PERIOD.

III. EVENT PROBABILITIES 20 - 22 NOV

CLASS M 15/15/15

CLASS X 05/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 19 NOV 102

PREDICTED 20 - 22 NOV 102/102/102

90-DAY MEAN 19 NOV 97

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 18 NOV 07

ESTIMATED AFR/AP 19 NOV 06/05

PREDICTED AFR/AP 20 - 22 NOV 04/06 - 15/18 - 18/20

SOLTERWARN

BT

HFUS 1 BOU 202200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 324

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 2200Z 20 NOV 1977

IA. SOLAR ACTIVITY REMAINS VERY LOW. REGION 939 (N24W20) HAS  
SHOWN ALMOST CONTINUOUS POINT BRIGHTENING TO NEAR FLARE INTENSITY  
AS THE REGION DECAYS. NEW REGION 942 HAS BEEN CONFIRMED AT N36W25  
AND IS A QUIET A TYPE GROUP. THE REST OF THE DISK AND LIMBS ARE  
QUIET.

IB. SOLAR ACTIVITY SHOULD REMAIN VERY LOW. C CLASS FLARES FROM  
939 DURING ITS DECAY ARE POSSIBLE.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET THE PAST 24 HOURS.  
THE FIELD IS EXPECTED TO BE QUIET TO SLIGHTLY UNSETTLED FOR THE  
FIRST TWO DAYS OF THE PERIOD AND THEN BECOME ACTIVE.

III. EVENT PROBABILITIES 21 - 23 NOV

CLASS M 10/10/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 20 NOV 102

PREDICTED 21 - 22 NOV 101/101/100

90-DAY MEAN 20 NOV 97

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 19 NOV 06

ESTIMATED AFR/AP 20 NOV 04/04

PREDICTED AFR/AP 21 - 23 NOV 07/08 - 10/12 - 15/20

SOLTERWARN

BT