

HFUS 3 BOU 140530

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 318A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0600Z 14 NOVEMBER 1977

IA. SOLAR ACTIVITY CONTINUES VERY LOW. REGION 935 (S24W58) HAS
FORMED WITHIN THE PAST 24 HOURS AND HAS A CLASS-C SPOT GROUP
AT THIS TIME. THE OTHER THREE SPOTTED REGIONS ON THE SOLAR DISK ARE
SMALL AND DECAYING. SMALL SURGES HAVE BEEN REPORTED AT EAST LIMB
AT N33.

IB. NO IMPORTANT INCREASE IN SOLAR ACTIVITY IS EXPECTED DURING THIS
FORECAST PERIOD.

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED TO ACTIVE DURING THE
PAST SIX HOURS. CONDITIONS ARE EXPECTED TO BE INTERMITTENTLY ACTIVE
TO UNSETTLED DURING THE NEXT TWO DAYS AND GENERALLY QUIET ON THE
THIRD DAY.

III. EVENT PROBABILITIES 14 NOVEMBER - 16 NOVEMBER

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 13 NOVEMBER 96

PREDICTED 14-16 NOVEMBER 96/97/96

90-DAY MEAN 13 NOVEMBER 96

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 12 NOVEMBER 19

ESTIMATED AFR/AP 13 NOVEMBER 20/23

PREDICTED AFR/AP 14-16 NOVEMBER 17/20 - 14/15 - 12/12

SOLTERWARN

BT

HFUS 3 BOU 141500

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 318B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1500Z 14 NOVEMBER 1977

IA. SOLAR ACTIVITY HAS BEEN VERY LOW. REGION 935 (S26W66) REMAINS
A TYPE C GROUP WITH POINT BRIGHTENINGS REPORTED. TWO UNCONFIRMED
NEW REGIONS HAVE BEEN REPORTED BY RAMEY, ONE WITH TWO SMALL SPOTS
AND WEAK PLAGE AT N20E62 AND AN A TYPE AT S18E76.

IB. SOLAR ACTIVITY SHOULD REMAIN VERY LOW TO LOW. DEVELOPEMENT
WITHIN POSSIBLE NEW REGIONS MAY INCREASE PROBABILITY OF CLASS C
FLARES.

II. THE GEOMAGNETIC FIELD HAS BEEN AT MINOR TO MAJOR STORM LEVELS
SINCE 14/0600Z. A DECREASE IN THE DISTURBANCE THRU THE PERIOD IS
EXPECTED.

III. EVENT PROBABILITIES 14-16 NOV

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 13 NOV 96

PREDICTED 14-16 NOV 96/97/96

90-DAY MEAN 13 NOV 96

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 12 NOV. 19

ESTIMATED AFR/AP 13 NOV 20/22

PREDICTED AFR/AP 14-16 NOV 30/32 - 15/18 - 12/12

SOLTERWARN

BT

HFUS 1 BOU 142200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 318

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 14 NOVEMBER 1977.

IA. SOLAR ACTIVITY HAS BEEN VERY LOW. SEVERAL MORE NEW REGIONS
HAVE BEEN REPORTED DURING THE DAY. REGION 935 (S24W74) PRODUCED
A SUB FAINT FLARE AT 14/2106Z WITH NO NOTICABLE X-RAY BURST. OTHER
NEW REGIONS ARE 936 (N20E56) 937 (S18E73) AND 938 (S25W15). 938
HAS BEEN MISTAKENLY REPORTED AS 933 AT TIMES DURING THE DAY. ALL
REGIONS ARE SIMPLE AND THE LIMBS ARE QUIET.

IB. SOLAR ACTIVITY SHOULD REMAIN VERY LOW. CLASS C EVENTS ARE
POSSIBLE.

II. THE GEOMAGNETIC FIELD HAS BEEN AT GENERALLY MINOR STORM LEVELS
MOST OF THE ZULU DAY. THE FIELD SHOULD SHOW A DECLINE THRU THE
PERIOD. SHORT PERIODS OF MINOR STORM CONDITIONS ARE POSSIBLE EARLY
ON THE 15TH.

III. EVENT PROBABILITIES 15 NOVEMBER - 17 NOVEMBER

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 14 NOVEMBER 100

PREDICTED 15-17 NOVEMBER 100/100/101

90-DAY MEAN 14 NOVEMBER 96

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 13 NOVEMBER 18

ESTIMATED AFR/AP 14 NOVEMBER 30/38

PREDICTED AFR/AP 15-17 NOVEMBER 18/20 - 12/15 - 12/12

SOLTERWARN

BT