

HFUS 1 BOU 060600

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLORADO

SDF NUMBER 310A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0600Z 06 NOV 1975

IA. SOLAR ACTIVITY IS AT A LOW LEVEL. REGION 664 (N34E59) IS
SUSPECTED OF HAVING PRODUCED A CLASS C 6 X-RAY FLARE AT 06/0120Z,
ALTHOUGH NO OPTICAL EVENT WAS REPORTED. THIS IS THE MOST ENERGETIC
BURST IN THE CURRENT SERIES OF EVENTS. OTHER REGIONS REMAIN
QUIET.

IB. SOLAR ACTIVITY IS EXPECTED TO BE LOW. HOWEVER, CONTINUED
GROWTH IN REGION 664 COULD EVENTUALLY RESULT IN MODERATE
ACTIVITY.

II. THE GEOMAGNETIC FIELD HAS BEEN ACTIVE DURING THE PAST 8
HOURS. THE FIELD IS EXPECTED TO GRADUALLY BECOME UNSETTLED TO
QUIET THROUGH THE FORECAST PERIOD.

III. EVENT PROBABILITIES 06 NOVEMBER - 08 NOVEMBER 1975

CLASS M 10/10/10

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 05 NOVEMBER 080

PREDICTED 06-08 NOVEMBER 081/082/082

90-DAY MEAN 05 NOVEMBER 080

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 04 NOVEMBER 28

ESTIMATED AFR/AP 05 NOVEMBER 15/22

PREDICTED AFR/AP 06-08 NOVEMBER 20/20 - 12/12 - 10/10

SOLTERWARN

BT

HFUS 1 BOU 061430

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 310B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1430Z 06 NOV 1975

IA. SOLAR ACTIVITY IS AT A VERY LOW LEVEL. REGION 664 (N04E54)
IS LESS BRIGHT THAN YESTERDAY ALTHOUGH THE PLAGE AND SPOT AREAS
HAVE GROWN. THE SPOT IS STILL A CLASS C TYPE WITH A SIMPLE
NEUTRAL LINE STRUCTURE. SPORADIC, SMALL, X-RAY EVENTS CONTINUE
TO BE PRODUCED BY REGION 664. THE REMAINDER OF THE DISK IS STABLE.

IB. SOLAR ACTIVITY WILL CONTINUE AT A VERY LOW LEVEL BUT THE
CHANCE OF A CLASS M X-RAY FLARE REMAINS.

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED TO ACTIVE AND LITTLE
CHANGE IS EXPECTED AS THE FIELD SHOULD BE GENERALLY UNSETTLED
FOR THE NEXT THREE DAYS.

III. EVENT PROBABILITIES 06 - 08 NOV

CLASS M 10/10/10

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 05 NOV 080

PREDICTED 06 - 08 NOV 083/084/084

90-DAY MEAN 05 NOV 080

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 04 NOV 28

ESTIMATED AFR/AP 05 NOV 15/22

PREDICTED AFR/AP 06 - 08 NOV 13/18 - 10/10 - 10/10

SOLTERWARN

BT

GEOALERT WWA310 060300

91205 10631 20800 30150 49820

21004 00000 41905 00000 16104 04000

24507 00000

00606 77773 16104 ERUPTIVE

ALL OTHER REGIONS QUIET

SOLQUIET MAGALERT 06

STRATWARM ALERT/THURSDAY/SPRING TIME TEMPERATURE REVERSAL

ESTABLISHED OVER ANTARCTICA IN MID STRATOSPHERE. CIRCULATION

REVERSAL PROGRESSING IN UPPER STRATOSPHERE.

FIN

SOLTERWARN

HFUS 1 BOU 062200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 310

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 06 NOV 1975.

IA. SOLAR ACTIVITY IS AT A VERY LOW LEVEL. THE PRIMARY POINT OF INTEREST ON THE DISK CONTINUES TO BE REGION 664 (N04E51). THIS REGION IS LESS BRIGHT THAN YESTERDAY AND THE FREQUENCY OF X-RAY BURST HAS DECLINED. HOWEVER, SPOT GROWTH IN THE TRAILING PORTIONS OF 664 CONTINUES AND OCCASIONAL SURGES HAVE BEEN NOTED. THE NEUTRAL LINE APPEARS SIMPLE BUT THE NEUTRAL LINE FILAMENT HAS BEEN ACTIVE. REGION 663 IS NO LONGER VISIBLE AND THE OTHER DISK FEATURES ARE STABLE.

IB. SOLAR ACTIVITY WILL REMAIN AT A VERY LOW LEVEL. CONTINUED GROWTH IN REGION 664 COULD PRECIPITATE ADDITIONAL C TYPE X-RAY FLARES AND POSSIBLY AN M.

II. THE GEOMAGNETIC FIELD IS QUIET TO UNSETTLED AND NO SIGNIFICANT CHANGE IS EXPECTED.

III. EVENT PROBABILITIES 07 - 09 NOV

CLASS M 10/10/10

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 06 NOV 82

PREDICTED 07 - 09 NOV 83/84/84

90-DAY MEAN 06 NOV 79

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 05 NOV 14

ESTIMATED AFR/AP 06 NOV 12/14

PREDICTED AFR/AP 07 - 09 NOV 10/10 - 10/10 - 08/08

SOLTERWARN

BT