

HFUS 1 BOU 030550

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 307A

JOINT AFWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0600Z 03 NOVEMBER 1975

IA. SOLAR ACTIVITY HAS BEEN VERY LOW DURING THE PAST EIGHT HOURS.
THE ONE DISK REGION IS STABLE AND QUIET.

IB. SOLAR ACTIVITY IS EXPECTED TO CONTINUE AT A VERY LOW LEVEL.

II. THE RECURRENT GEOMAGNETIC DISTURBANCE REACHED STORM LEVEL AT
ABOUT 02/2300Z. DURING THE PAST SIX HOURS IT HAS BEEN A MAJOR STORM.
IT IS EXPECTED THAT THE STORM WILL CONTINUE BUT THE INTENSITY IS
EXPECTED TO DECREASE DURING THE DAYLIGHT HOURS.

III. EVENT PROBABILITIES 03 NOVEMBER - 05 NOVEMBER

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 02 NOVEMBER 73

PREDICTED 03-05 NOVEMBER 73/73/73

90-DAY MEAN 02 NOVEMBER 81

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 01 NOVEMBER 05

ESTIMATED AFR/AP 02 NOVEMBER 25/34

PREDICTED AFR/AP 03-05 NOVEMBER 25/35 - 25/35 - 25/35

SOLTERWARN

BT

HFUS 1 BOU 031500

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 307B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1500Z 03 NOVEMBER 1975

IA. SOLAR ACTIVITY HAS BEEN VERY LOW DURING THE PAST NINE HOURS.
NO FLARES HAVE BEEN REPORTED. REGION 662 (S02E48) APPEARS TO HAVE
STOPPED GROWING AND REMAINS SMALL AND SIMPLE. SURGES OBSERVED NEAR
NE05 SUGGEST THAT A NEW REGION SOON MAY CROSS THE LIMB THERE.

IB. A VERY LOW LEVEL OF SOLAR ACTIVITY IS EXPECTED THROUGH THE
FORECAST PERIOD.

II. THE GEOMAGNETIC FIELD REMAINED DISTURBED TO MAJOR STORM INTENSITY
AT BOULDER UNTIL ABOUT 03/1200Z, WHEN QUIETER BUT STILL ACTIVE COND-
ITIONS GRADUALLY DEVELOPED. DISTURBANCE OF MAJOR STORM INTENSITY
WAS REPORTED BY OTHER SITES, ESPECIALLY AT HIGH LATITUDES. THIS
STORM IS EXPECTED TO DIMINISH IN OVERALL INTENSITY THROUGH THE
REMAINDER OF THE FORECAST PERIOD, BUT MORE PERIODS OF MAJOR DISTURBANCE
ARE LIKELY, ESPECIALLY AT HIGH LATITUDES AND DURING LOCAL NIGHT.

III. EVENT PROBABILITIES 03-05 NOV

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 02 NOV 73

PREDICTED 03-05 NOV 73/73/73

90-DAY MEAN 02 NOV 81

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 01 NOV 05

ESTIMATED AFR/AP 02 NOV 25/34

PREDICTED AFR/AP 03-05 NOV 48/55 - 25/35 - 25/35

SOLTERWARN

BT

GEOALERT WWA307 030300

91202 10121 20730 30256 40040

25602 00000

RECURRENT MINOR MAGNETIC STORM STARTED 02/1000Z.

80603 77773 25602 QUIET

SOLQUIET MAGALERT MINOR 03/06

FIN

SOLTERWARN

HFUS 1 BOU 032200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 307

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 03 NOVEMBER 1975

IA. SOLAR ACTIVITY HAS REMAINED VERY LOW DURING THE PAST 24 HOURS,
AND NO FLARES HAVE BEEN REPORTED. REGION 662 (S02E43) CONTAINS THREE
SMALL SPOTS AND IS GROWING SLOWLY WITHOUT DEVELOPING MAGNETIC COMPLEX-
ITY. RECENT MINOR LIMB ACTIVITY AT NE05 SUGGESTS THAT OLD REGION 659
MAY RETURN THERE SOON.

IB. A VERY LOW LEVEL OF SOLAR ACTIVITY IS LIKELY THROUGH THE
FORECAST PERIOD.

II. THE RECURRENT GEOMAGNETIC DISTURBANCE REACHED STORM LEVEL AT
ABOUT 02/2300Z. A PERIOD OF MAJOR STORM INTENSITY WITH FOUR
CONSECUTIVE K-INDICES OF SIX OCCURRED DURING THE INITIAL 03/0000-
1200Z AT BOULDER. THE STORM REACHED ITS MAXIMAL INTENSITY AT HIGH
LATITUDES. CONTINUED MINOR STORM ACTIVITY IS EXPECTED THROUGH THE
FORECAST PERIOD, WITH THE DISTURBANCE GRADUALLY DIMINISHING; MAXIMAL
DISTRUBANCE IS LIKELY AT HIGH LATITUDES AND DURING LOCAL NIGHT.

III. EVENT PROBABILITIES 04-06 NOV

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 03 NOV 74

PREDICTED 04-06 NOV 75/75/75

90-DAY MEAN 03 NOV 80

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 02 NOV 22

ESTIMATED AFR/AP 03 NOV 40/65

PREDICTED AFR/AP 04-06 NOV 25/35 - 25/35 - 20/25

SOLTERWARN

BT