

HFUS 1 BOU 010420

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 245A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0500Z 01 SEPTEMBER 1976

IA. SOLAR ACTIVITY HAS BEEN VERY LOW DURING THE PAST 7 HOURS. NO
FLARES HAVE BEEN REPORTED. NEW REGION 734 (N18W57) CONTINUES SLOW
GROWTH. OTHERWISE, THE DISK AND LIMBS ARE QUIET.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN LOW. IF GROWTH CONTINUES
IN REGION 734, IT SHOULD BEGIN SOON TO PRODUCE SMALL C-CLASS SUB-
FLARES.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET TO MILDLY UNSETTLED DURING
THE PAST 7 HOURS. THE FIELD SHOULD BE GENERALLY QUIET FOR THE NEXT
24 HOURS.

III. EVENT PROBABILITIES 01 SEPTEMBER - 03 SEPTEMBER

CLASS M 05/05/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 31 AUGUST 72

PREDICTED 01-03 SEPTEMBER 73/74/74

90-DAY MEAN 31 AUGUST 71

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 30 AUGUST 08

ESTIMATED AFR/AP 31 AUGUST 06/08

PREDICTED AFR/AP 01-03 SEPTEMBER 05/05 - 05/05 - 06/08

SOLTERWARN

BT

HFUS 1 BOU 011430

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 245-B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1430Z 01 SEPT 1976

IA. SOLAR ACTIVITY HAS BEEN VERY LOW DURING THE PAST 16 HOURS.
REGION 734 (N18W63) HAS GROWN TO A D-TYPE SPOT GROUP WITH PLAGE
FLUCTUATIONS AND POINT BRIGHTENINGS TO NEAR FLARE INTENSITY.

THIS REGION PRODUCED A C-1 X-RAY BURSTS WHICH BEGAN AT 01/0642Z,
MAXED AT 01/0740Z, AND REACHED HALF POWER AT 01/0759Z.

IB. SOLAR ACTIVITY IS EXPECTED TO BE VERY LOW TO LOW DURING THE
REST OF THE FORECAST PERIOD. REGION 734 MAY PRODUCE OCCASIONAL
C-CLASS X-RAY BURSTS.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET TO UNSETTLED DURING
THE PAST 16 HOURS. MOSTLY QUIET CONDITIONS ARE EXPECTED FOR THE
REST OF THE FORECAST PERIOD.

III. EVENT PROBABILITIES 01 - 03 SEP

CLASS M 10/10/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 31 AUG 08

PREDICTED 01 - 03 SEPT 73/74/74

90-DAY MEAN 31 AUG 71

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 30 AUG 08

ESTIMATED AFR/AP 31 AUG 06/08

PREDICTED AFR/AP 01 - 03 SEPT 05/05 - 05/05 - 06/08

SOLTERWARN

BT

HFUS 1 BOU 012200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 245

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY

ISSUED 2200Z 01 SEPTEMBER 1976

IA. SOLAR ACTIVITY HAS BEEN VERY LOW DURING THE PAST 24 HOURS.

HOWEVER, THE POTENTIAL FOR INCREASED ACTIVITY HAS RISEN SIGNIFICANTLY.

REGION 734 (N18W67) HAS GROWN CONSIDERABLY DURING THE PAST 24

HOURS. FREQUENT POINT AND SMALL RIBBON FLUCTUATIONS TO NEAR FLARE

BRIGHTNESS HAVE BEEN OBSERVED IN THIS REGION. REGION 733 (N17E25)

HAS BEEN STABLE.

IB. SOLAR ACTIVITY IS EXPECTED TO INCREASE TO A LOW LEVEL WITH

ISOLATED M-CLASS X-RAY EVENTS POSSIBLE FROM REGION 734. REGION 734

IS EXPECTED TO CONTINUE DEVELOPING AS IT MOVES TOWARD THE WEST LIMB.

II. THE GEOMAGNETIC FIELD HAS RANGED FROM QUIET TO SLIGHTLY ACTIVE

DURING THE PAST 24 HOURS. THE FIELD IS EXPECTED TO BE GENERALLY

QUIET DURING THE NEXT 24 HOURS.

III. EVENT PROBABILITIES 02-04 SEP

CLASS M 25/50/40

CLASS X 01/02/02

PROTON 01/02/02

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 01 SEP 75

PREDICTED 02-04 SEP 78/78/77

90-DAY MEAN 01 SEP 71

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 31 AUG 07

ESTIMATED AFR/AP 01 SEP 08/10

PREDICTED AFR/AP 02-04 SEP 05/05 - 06/08 - 07/10

SOLTERWARN

BT