

HFUS 1 BOU 070500

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO
SDF NUMBER 038A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0500Z 7 FEB 1975

IA. ALTHOUGH SOLAR FLARE ACTIVITY HAS BEEN AT A LOW LEVEL,
MANILA AND CULGOORA OBSERVATORIES INDICATE GROWTH IN AR 564
(N03E36). MANILA REPORTED A SN AT 0210Z IN AR 564 WHICH GOES
XRAY DETECTORS OBSERVED AS A C ONE EVENT.

IB. AR 564 RETAINS CAPABILITY TO PRODUCE A LARGER FLARE DUE TO
ITS COMPLEX MAGNETIC FIELD STRUCTURE. AT LEAST ONE M EVENT IS
EXPECTED FROM THIS REGION.

II. THE GEOMAGNETIC FIELD IS SLIGHTLY UNSETTLED. QUIET TO UN-
SETLED CONDITIONS ARE EXPECTED TO CONTINUE.

III. EVENT PROBABILITIES 07 - 09 FEB

CLASS M 50/40/40

CLASS X 03/03/03

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 06 FEB 83

PREDICTED 07 - 09 FEB 84/85/85

90-DAY MEAN 06 FEB 82

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 05 FEB 16

ESTIMATED AFR/AP 06 FEB 08/09

PREDICTED AFR/AP 07 - 09 FEB 04/05 - 08/10 - 15/19

SOLTERWARN

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HFUS 1 BOU 071430
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO
SDF NUMBER 038B
JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1430Z 07 FEB 1975

- IA. SOLAR ACTIVITY HAS BEEN LOW FOR THE PAST 16 HOURS.
ONE SMALL C-CLASS SUBFLARE HAS BEEN NOTED IN REGION 564
(N04E26). THE GROWTH IN THIS REGION APPEARS TO HAVE SLOWED.
OTHER REGIONS ARE CURRENTLY QUIET AND STABLE.
- IB. SOLAR ACTIVITY IS EXPECTED TO BE MODERATE TO LOW THROUGH
THE FORECAST PERIOD. REGION 564 ENERGETIC FLARE POTENTIAL IS
NOW DIMINISHING.
- II. THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED DURING THE PAST
16 HOURS. THE FIELD IS EXPECTED TO QUIET SOME WHAT DURING THE
DAY BUT TO MAINTAIN A GENERALLY UNSETTLED CHARACTER UNTIL 9
FEBRUARY WHEN IT IS EXPECTED TO BECOME ACTIVE.
- III. EVENT PROBABILITIES 07 - 09 FEB
CLASS M 40/40/30
CLASS X 03/03/03
PROTON 01/01/01
PCAF GREEN
- IV. OTTAWA 10.7 CM FLUX
OBSERVED 06 FEB 83
PREDICTED 07 - 09 FEB 83/83/83
90-DAY MEAN 06 FEB 82
- V. GEOMAGNETIC A INDICES
OBSERVED FREDERICKSBURG 05 FEB 16
ESTIMATED AFR/AP 06 FEB 8/7
PREDICTED AFR/AP 07 - 09 FEB 9/15 - 7/10 - 17/26
SOLTERWARN
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FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO
SDF NUMBER 038

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL
ACTIVITY ISSUED 2200Z 07 FEBRUARY 1975

IA. SOLAR ACTIVITY HAS BEEN VERY LOW DURING THE PAST 24 HOURS.
ONLY TWO SUBFAINT C-CLASS FLARES HAVE BEEN NOTED, ONE IN REGION
564 (N04E22) AND ONE IN REGION 561 (S12W13).

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN LOW. THE RAPID GROWTH
IN REGION 564 HAS STOPPED AND PARTS OF THE REGION NOW APPEAR TO
BE DISINTEGRATING. THE ENERGETIC FLARE POTENTIAL OF REGION 564
IS RAPIDLY DIMINISHING.

II. THE GEOMAGNETIC FIELD HAS BEEN MILDLY UNSETLED FOR THE PAST
24 HOURS. THE FIELD IS EXPECTED TO TREND TOWARD QUIET CONDITIONS
EARLY IN THE FORECAST PERIOD AND THEN BECOME ACTIVE LATE IN THE
PERIOD.

III. EVENT PROBABILITIES 08 FEB-10 FEB 1975

CLASS M 40/30/20

CLASS X 03/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 07 FEB 82

PREDICTED 08-10 FEB 82/82/82

90-DAY MEAN 07 FEB 82

V. GEOMAGNETIC A INDICES

OBSERVED FREDICKEBURG 06 FEB 08

ESTIMATED AFR/AP 07 FEB 09/16

PREDICTED AFR/AP 08-10 FEB 07/12-17/26-22/30

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