

HFUS BOU 081300

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 039B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1300Z 08 FEB 1974

IA. SOLAR ACTIVITY CONTINUES VERY LOW WITH ONLY ONE C-CLASS
SUBFLARE OBSERVED DURING THE PAST 24 HOURS.

AN IMPRESSIVE ERUPTIVE PROMINENCE WAS NOTED EMERGING FROM BEHIND
THE EAST LIMB AT SE15-19 AT 08/0109Z.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN VERY LOW DURING THE
FORECAST PERIOD.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET FOR THE PAST 24 HOURS.
THE FIELD IS EXPECTED TO REMAIN QUIET THROUGH THE FORECAST PERIOD.

III. NO CHANGE

IV. CORRECT 90-DAY MEAN FOR 07 FEB IS 83

V. NO CHANGE

SOLTERWARN

SPAN

BT

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 039

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 08 FEBRUARY 1974.

IA. SOLAR ACTIVITY REMAINS LOW WITH TWO SUBFLARES REPORTED IN
REGION 347 (S17E70). THIS REGION HAS A BIPOLE SUNSPOT GROUP.
PLAGE ENHANCEMENTS TO FLARE INTENSITY HAVE BEEN OCCURRING. REGION
346 (N09E60) HAS DECREASED IN SUNSPOT AND PLAGE STRUCTURE.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN LOW. A FEW FLARES CAN
BE EXPECTED FROM REGION 347.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET. IT IS EXPECTED TO
REMAIN QUIET, BECOMING UNSETTLED AT THE END OF THE FORECAST PERIOD
WITH THE RETURN OF A DISTURBED RECURRENT INTERPLANETARY SECTOR
STRUCTURE.

III. EVENT PROBABILITIES 09 FEB - 11 FEB.

CLASS M 03/04/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX.

OBSERVED 08 FEB 81

PREDICTED 09 FEB - 11 FEB 83/87/90

90-DAY MEAN 08 FEB 83

V. GEOMAGNETIC A INDICES.

OBSERVED FREDERICKSBURG 07 FEB 07

ESTIMATED AFR/AP 08 FEB 04/05

PREDICTED AFR/AP 09 FEB - 11 FEB 03/04 - 02/03 - 07/09

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