

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. PLAGUE ENHANCEMENTS TO FLARE INTENSITY HAVE BEEN OCCURRING. REGION 346 (N09E60) HAS DECREASED IN SUNSPOT AND PLAGUE 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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