

HFUS 1 BOU 070600

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 038A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 0600Z 07 FEB 1974

IA. THE ONLY ACTIVITY SINCE THE 2200Z FORECAST HAS BEEN A SF FLARE  
IN REGION 345 (S09E72). A SMALL A TYPE SPOT GROUP WAS REPORTED  
AT N09E85 AT 07/0400Z.

IB. NO SIGNIFICANT ACTIVITY IS EXPECTED.

II. THE GEOMAGNETIC FIELD HAS BEEN GENERALLY QUIET. SLIGHTLY  
UNSETTLED CONDITIONS EXPECTED ON 07 FEBRUARY ARE EXPECTED TO  
DIMINISH TO QUIET CONDITIONS FOR THE FOLLOWING 48 HOURS.

III. EVENT PROBABILITIES NO CHANGE

IV. OTTAWA 10.7 CM FLUX NO CHANGE

V. GEOMAGNETIC A INDICES NO CHANGE

SOLTERWARN

SPAN

BT

HFUS BOU 071300

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 038B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 1300Z 07 FEB 1974

IA. SOLAR ACTIVITY CONTINUES VERY LOW. THREE SMALL SUBFAINT  
FLARES HAVE BEEN OBSERVED ON THE SUN IN THE PAST 24 HOURS. THE  
LATEST OCCURRED AT 07/0220Z IN NEW REGION 346 (N09E81) WHERE A  
SINGLE SPOT IS NOW VISIBLE.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN VERY LOW.

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

III. NO CHANGE

IV. NO CHANGE

V. NO CHANGE

SOLTERWARN

SPAN

BT

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 038

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 2200Z 07 FEBRUARY 1974.

IA. SOLAR ACTIVITY HAS BEEN VERY LOW WITH ONLY ONE FLARE REPORTED DURING THE PAST 24 HOURS. THE FLARE WAS A SUBFAINT AT 0218Z OUT OF REGION 345 (S09E63). NEW REGION 346 (N07E75) ROTATED OVER EAST LIMB WITH A SMALL "A" TYPE SPOT GROUP. IN GENERAL ALL REGIONS ARE QUIET AND UNIMPRESSIVE. EUV ENHANCEMENT AND MINOR SURGING IS PRESENT ON THE EAST LIMB FROM N10 TO S10.

IB. SOLAR ACTIVITY IS EXPECTED TO INCREASE SLIGHTLY DURING THE NEXT 48 HOURS WITH THE RETURN OF OLD REGIONS 333 AND 321. THESE REGIONS WERE RELATIVELY INACTIVE ON LAST WEST LIMB PASSAGE, NO MAJOR ACTIVITY IS LIKELY.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET AND IS EXPECTED TO BE QUIET TO UNSETTLED FOR THE NEXT 72 HOURS.

III. EVENT PROBABILITIES 08 FEB - 10 FEB.

CLASS M 03/03/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX.

OBSERVED 07 FEB 80

PREDICTED 08 FEB - 10 FEB 82/85/88

90-DAY MEAN 81

V. GEOMAGNETIC A INDICES.

OBSERVED FREDERICKSBURG 06 FEB 07

ESTIMATED AFR/AP 07 FEB 05/06

PREDICTED AFR/AP 08 FEB - 10 FEB 03/04 - 05/06 - 05/06

SOLTERWARN

SPAN

BT