

HFUS 1 BOU 190600

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 078A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0600Z 19 MARCH 1974

IA. SOLAR ACTIVITY HAS BEEN VERY LOW DURING THE PAST 8 HOURS. NO
ACTIVITY OR FLARES HAVE BEEN OBSERVED. THE LIMBS ARE QUIET.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN AT A LOW LEVEL.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET. THE FIELD IS EXPECTED TO
BECOME UNSETTLED DURING THE NEXT 24 HOURS.

III. NO CHANGE

IV. NO CHANGE

V. NO CHANGE

SOLTERWARN

SPAN

BT

HFUS 1 BOU 191400

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 0788

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1400Z 19 MARCH 1974

IA. SOLAR ACTIVITY CONTINUES AT A VERY LOW LEVEL. ONE SUBFLARE
NORMAL OCCURRED AT 190602 UT. BUT THE DISK HAS BEEN QUIET SINCE.

IB. SOLAR ACTIVITY SHOULD CONTINUE AT A LOW LEVEL FOR THE DURATION
OF THIS FORECAST PERIOD.

II. THE GEOMAGNETIC FIELD IS QUIET BUT SHOULD BECOME UNSETTLED TO
ACTIVE ON 20 MARCH.

III. EVENT PROBABILITIES 19 MAR - 21 MARCH

CLASS M 10/10/10

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 18 MAR 81

PREDICTED 19 MAR - 21 MAR 83/85/86

90-DAY MEAN 18 MAR 83

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 17 MAR 08

ESTIMATED AFR/AP 18 MAR 02/03

PREDICTED AFR/AP 19 MAR - 21 MAR 09/10 - 20/24 - 11/12

SOLTERWARN

SPAN

BT

HFUS BOU 192200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 078

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 19 MAR 1974

IA. SOLAR ACTIVITY HAS BEEN AT A VERY LOW LEVEL DURING THE PAST 24 HOURS. ONE SUBFLARE NORMAL OCCURRED IN RGN 368 (S08E63) AT 190602 UT BUT THE DISK AND LIMBS HAVE BEEN QUIET SINCE THAT TIME. RGN 368 APPEARS TO BE DECLINING IN AREA WHILE RGN 363 (S19W33) IS FAIRLY STABLE. OCCASIONAL FILAMENT ACTIVITY HAS BEEN NOTED IN RGN 363 BUT THIS FILAMENT HAS GROWN SMALLER AND LESS ACTIVE AS THE DAY PROGRESSED.

IB. SOLAR ACTIVITY SHOULD CONTINUE AT A LOW LEVEL FOR THE NEXT 3 DAYS.

II. THE GEOMAGNETIC FIELD HAS BEEN EXTREMELY QUIET DURING THE PAST 24 HOURS. THE FIELD SHOULD BECOME UNSETTLED TO ACTIVE ON 20 MAR AS A RECURRENT DISTURBANCE RETURNS. UNSETTLED TO ACTIVE CONDITIONS WILL PERSIST THROUGHOUT THE FORECAST PERIOD.

III. EVENT PROBABILITIES 20-22 MAR

CLASS M 05/05/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 19 MAR 81

PREDICTED 20-22 MAR 81/81/80

90-DAY MEAN 19 MAR 83

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 18 MAR 01

ESTIMATED AFR/AP 19 MAR 01/02

PREDICTED AFR/AP 20-22 MAR 21/26 - 18/21 - 25/33

SOLTERWARN

SPAN

BT