

NNNN

KBOU K

HFUS 1 ECU 182600

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 277A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2600Z 18 MARCH 1974

IA. SOLAR ACTIVITY HAS BEEN VERY LOW DURING THE PAST EIGHT HOURS.
NO FLARES HAVE BEEN OBSERVED. SMALL SURGES WERE OBSERVED ON THE
SOUTHEAST LIMB.

IB. SOLAR ACTIVITY WILL CONTINUE AT A VERY LOW LEVEL.

II. THE GEOMAGNETIC FIELD IS QUIET AND IS EXPECTED TO REMAIN QUIET
TO SLIGHTLY UNSETTLED DURING THE NEXT 24 HOURS.

III. NO CHANGE.

IV. NO CHANGE.

V. NO CHANGE.

SOLTERWARN

SPAN

BT

NNNN
KBOU
HFUS BOU 181400
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO
SDF NUMBER 077B
JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1400Z 18 MARCH 1974
IA. A NEW ACTIVE CENTER HAS ROTATED OVER EAST LIMB AT S07. ONE SPOT
IS VISIBLE AND SURGING HAS BEEN REPORTED. THE REGION APPEARS
DYNAMIC, AND MAY HAVE BEEN THE SOURCE OF A "GRADUAL RISE AND FALL"
X-RAY EVENT BETWEEN 16 AND 19 HOURS U.T. YESTERDAY. CLASS C
THRESHOLD WAS NOT EXCEEDED DURING THAT EVENT. REGION 363 (S16W11)
HAS HAD FILAMENT ACTIVITY DURING THE PAST 12 HOURS, BUT NO FLARES
REPORTED. OPTICAL PATROL HAS BEEN SPORADIC, DUE TO WEATHER AT
THE OBSERVATORIES.
IB. CLASS C FLARE ACTIVITY MAY BE EXPECTED, BOTH FROM ACTIVE
REGION 363 AND FROM EAST LIMB.
II. THE GEOMAGNETIC FIELD IS QUIET, AND IS EXPECTED TO REMAIN QUIET
UNTIL THE END OF THE FORECAST PERIOD. PROTON FLUXES NEAR EARTH ARE
AT BACKGROUND.
III. EVENT PROBABILITIES 18-20 MARCH
CLASS Y 10/12/10
CLASS X 01/01/01
PPOTON 01/01/01
PCAF GREEN
IV. OTTAWA 13.7 CM FLUX
OBSERVED 17 MAR 83
PREDICTED 18-20 MAR 85/87/88
90-DAY MEAN 17 MAR 83
V. GEOMAGNETIC A INDICES
OBSERVED FREDERICKSBURG 16 MAR 17
ESTIMATED AFR/AP 17 MAR 09/10
PREDICTED AFR/AP 18-20 MAR 05/06 - 09/10 - 20/24
SOLTERWARN
SPAN
BT

HFUS BOU 182200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 077

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 18 MARCH 1974

IA. SOLAR FLARE ACTIVITY HAS BEEN VERY LOW DURING THE LAST 24 HOURS. ACTIVE REGION 368 (S08E78) IS A NEW REGION (NOT A RETURNING REGION) THAT SHOWED SUBSTANTIAL SURGE ACTIVITY DURING LIMB PASSAGE, BUT HAS PRODUCED NO FLARES. ONLY ONE SPOT IS CURRENTLY VISIBLE. ELSEWHERE, ACTIVE REGION 363 (S19W18) REMAINS MAGNETICALLY SIMPLE, AND IS NOT FLARING, ALTHOUGH FILAMENT ACTIVATION HAS BEEN REPORTED. ALL OTHER ACTIVE CENTERS ARE QUIET AND DECAYING.

IB. FLARE ACTIVITY IS EXPECTED TO REMAIN LOW, ALTHOUGH REGIONS 368 AND 363 MAY PRODUCE CLASS C FLARES.

II. THE GEOMAGNETIC FIELD IS QUIET, AND PROBABLY WILL REMAIN SO FOR THE NEXT 36 HOURS. AFTER THEN, A RECURRENT DISTURBANCE IS EXPECTED. PROTON FLUXES NEAR EARTH ARE AT BACKGROUND.

III. EVENT PROBABILITIES 19 - 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 MARCH 81

PREDICTED 19 - 21 MARCH 83/85/86

90-DAY MEAN 18 MARCH 83

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 17 MARCH 08

ESTIMATED AFR/AP 18 MARCH 02/03

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

SOLTERWARN

SPAN

BT