

HFUS 1 BOU 200600

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 079A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0600Z 20 MARCH 1974

IA. SOLAR ACTIVITY REMAINS VERY LOW, WITH ONLY ONE SUBFLARE
REPORTED IN THE PAST 24 HOURS.

IB. ACTIVITY IS EXPECTED TO REMAIN VERY LOW FOR THE NEXT 72 HOURS.

II. THE GEOMAGNETIC FIELD REMAINS QUIET. A RECURRENT DISTURBANCE
IS EXPECTED WITHIN 12 HOURS AND IS EXPECTED TO RESULT IN ACTIVE
TO UNSETTLED CONDITIONS THROUGHOUT THE FORECAST PERIOD.

III. EVENT PROBABILITIES NO CHANGE

IV. OTTAWA 10.7 CM FLUX NO CHANGE

V. GEOMAGNETIC A INDICES NO CHANGE

SOLTERWARN

SPAN

BT

HFUS BOU 201400

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 079B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1400Z 20 MARCH 1974

IA. SOLAR ACTIVITY REMAINS VERY LOW. A SUBFLARE FAINT IN REGION
363 (S19W40) WAS REPORTED AT 200015 UT. THE DISK AND LIMBS HAVE BEEN
QUIET OTHERWISE.

IB. SOLAR ACTIVITY SHOULD CONTINUE AT A LOW LEVEL.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET; HOWEVER, A RECURRENT
DISTURBANCE IS EXPECTED TODAY AND RESULTING UNSETTLED TO ACTIVE
CONDITIONS SHOULD THEN CONTINUE THROUGHOUT THE FORECAST PERIOD.

III. EVENT PROBABILITIES 20 MAR - 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 MAR - 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 MAR - 22 MAR 21/26 - 18/21 - 25/33

SOLTERWARN

SPAN

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HFUS BOU 202200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 079

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 20 MAR 1974

IA. A SUBFLARE FAINT AT 20/0015 UT AND ANOTHER AT 20/1355 UT
OCCURRED IN RGN 363 (S19W46) WHILE OTHER DISK REGIONS HAVE BEEN
QUIET. A SMALL NEW REGION WITH A SIMPLE "A" TYPE SPOT GROUP HAS
EMERGED NEAR N14 W40 AND IS DESIGNATED NUMBER 370. THE H-ALPHA
PLAGE WITH RGN 370 IS DIM BUT OCCASIONAL INTENSITY FLUCTUATIONS
TO A BRIGHTNESS OF 3 HAVE BEEN OBSERVED. THE LIMBS ARE QUIET.
IB. THE SOLAR DISK SHOULD CONTINUE QUIET DURING THIS FORECAST
PERIOD.

II. THE GEOMAGNETIC FIELD BEGAN EXPERIENCING MINOR PERTURBATIONS
NEAR 20/1400 UT. INTENSIFICATION OF THESE PERTURBATIONS ARE
EXPECTED DURING THE NEXT 6-12 HOURS WITH GENERALLY DISTURBED
CONDITIONS OVER THE NEXT SEVERAL DAYS.

III. EVENT PROBABILITIES 21-23 MARCH

CLASS M 05/03/03

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 20 MAR 80

PREDICTED 21-23 MAR 79/78/78

90-DAY MEAN 20 MAR 83

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 19 MAR 02

ESTIMATED AFR/AP 20 MAR 09/10

PREDICTED AFR/AP 21-23 MAR 18/21 - 25/33 - 15/17

SOLTERWARN

SPAN

BT