

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 090A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY

ISSUED 0600 Z 31 MARCH 1974

1A. Solar activity has been very low during the
past 8 hours. no flares have been observed. the
dark regions and the suns are stable and quiet

1B. Solar activity is expected to remain at a low
level.

II. The geomagnetic field has been slightly unsettled
and is expected to remain unsettled during the
next 24 hours.

III. EVENT PROBABILITIES no change -
 CLASS M /
 CLASS X /
 PROTON /
 PCAF /

IV. OTTAWA 10.7 CM FLUX no change
 OBSERVED
 PREDICTED -
 90-DAY MEAN

V. GEOMAGNETIC A INDICES no change
 OBSERVED FREDERICKSBURG
 ESTIMATED A_{FR}/A_P
 PREDICTED A_{FR}/A_P -

NOTE: A recent comparison between two years of Fredericksburg and Planetary Magnetic indices has shown that A_P appears higher than $A_{FREDERICKSBURG}$. Therefore, both indices will be included in future forecasts. Only extrapolated A_P values will be given since the computation and publication of the actual observed A_P values require approximately three months.

HFUS 1 BOU 311400

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 090B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1400Z 31 MARCH 1974

IA. SOLAR ACTIVITY CONTINUES VERY LOW. REGION 372(N08W77) APPEARS TO BE DECAYING BUT HAS SHOWN SOME POINT BRIGHTENINGS TO NEAR FLARE INTENSITY. REGION 373(S10E36) PRODUCED THE ONLY ACTIVITY DURING THE LAST 24 HOURS, A SUBFAINT FLARE AT 30/1752Z. THIS REGION IS SLOWLY GROWING AND HAS SHOWN INTENSITY FLUCTUATIONS BUT NOW APPEARS STABLE. NEW REGION 374(N14E68) CONTAINS A B TYPE SPOT GROUP AND A SMALL BRIGHT PLAGE.

IB. WHILE SOME SUBFLARE ACTIVITY IS LIKELY, NONE OF THE ABOVE REGIONS APPEAR CAPABLE OF PRODUCING ACTIVITY, THUS SOLAR ACTIVITY SHOULD CONTINUE VERY LOW.

II. THE GEOMAGNETIC FIELD CONTINUES ACTIVE, AND UNSETTLED TO SLIGHTLY ACTIVE CONDITIONS SHOULD CONTINUE THROUGH THE FORECAST PERIOD.

III. EVENT PROBABILITIES 31 MAR - 02 APR

CLASS M 03/03/03

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 30 MAR 72

PREDICTED 31 MAR - 02 APR 72/72/72

90-DAY MEAN 30 MAR 81

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 29 MAR 24

ESTIMATED AFR/AP 30 MAR 14/16

PREDICTED AFR/AP 31 MAR-02 APR 18/21 - 15/17 - 15/17

SOLTERWARN

SPAN

BT

HFUS BOU 312200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 090

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 31 MAR 1974

IA. SOLAR ACTIVITY CONTINUES VERY LOW WITH NO FLARES REPORTED DURING
THE LAST 24 HOURS. NONE OF THE THREE SMALL REGIONS NOW ON THE DISK
APPEAR TO BE GROWING OR CAPABLE OF ENERGETIC ACTIVITY.

IB. SOLAR ACTIVITY SHOULD CONTINUE VERY LOW THROUGH THE FORECAST
PERIOD.

II. THE GEOMAGNETIC FIELD CONTINUES ACTIVE, AND UNSETTLED TO ACTIVE
CONDITIONS SHOULD CONTINUE THROUGH THE FORECAST PERIOD.

III. EVENT PROBABILITIES 01-03 APRIL

CLASS M 03/03/03

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 31 MAR 73

PREDICTED 01-03 APR 74/75/76

90-DAY MEAN 31 MAR 81

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 30 MAR 14

ESTIMATED AFR/AP 31 MAR 19/22

PREDICTED AFR/AP 01-03 APR 15/17 - 15/17 - 15/17

SOLTERWARN

SPAN

BT