

## RGM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

DF NUMBER 061A

## JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY

SUED 0600 Z 02 MARCH 1974

- I.A. Solar activity has been very low during the past 24 hours. One quiet, stable region is at present on the visible disk. The limbs are quiet.
- I.B. Solar activity will continue at a low level.
- I.C. The geomagnetic field is slightly unsettled and will continue to be unsettled during the next 24 hours.

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

V. OTTAWA 10.7 CM FLUX no change  
OBSERVED \_\_\_\_\_  
PREDICTED \_\_\_\_\_ - \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_  
90-DAY MEAN \_\_\_\_\_

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 BOU 021400  
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO  
SDF NUMBER 061B  
JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 1400Z 02 MARCH 1974  
IA. SOLAR ACTIVITY HAS BEEN VERY LOW DURING THE PAST 24 HOURS.  
REGION 357 (N05E19) PRODUCED A SUBFLARE AT 0618Z. LIMBS AND OTHER  
REGIONS HAVE BEEN QUIET.  
IB. SOLAR ACTIVITY IS EXPECTED TO CONTINUE VERY LOW WITH SPORADIC  
AND INFREQUENT SUBFLARES POSSIBLE.  
II. THE GEOMAGNETIC FIELD HAS BEEN UNSETLED AND IS EXPECTED  
TO BE UNSETLED TO QUIET THROUGH THE NEXT 72 HOURS.  
III. EVENT PROBABILITIES 02 - 04 MARCH  
CLASS M 03/03/03  
CLASS X 01/01/01  
PROTON 01/01/01  
PCAF GREEN  
IV. OTTAWA 10.7 CM FLUX  
OBSERVED 01 MARCH 78  
PREDICTED 02 - 04 MARCH 77/78/79  
90-DAY MEAN 01 MARCH 83  
V. GEOMAGNETIC A INDICES  
OBSERVED FREDERICKSBURG 28 FEB 23  
ESTIMATED AFR/AP 01 MARCH 13/14  
PREDICTED AFR/AP 02 - 04 MARCH 10/11 - 07/08 - 06/07  
SOLTERWARN  
SPAN  
BT

HFUS BOU 022200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO  
SDF NUMBER 061

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 2200Z 02 MARCH 1974.

IA. SOLAR ACTIVITY HAS BEEN VERY LOW DURING THE PAST 24 HOURS. REGION 357 (N05E11) CONTAINS A B-TYPE SPOT GROUP AND PRODUCED A SUBNORMAL FLARE AT 0618Z BUT HAS BEEN GENERALLY STABLE. THE THREE OTHER REGIONS CONTAIN NO SPOTS AND HAVE BEEN SLOWLY DECAYING.

IB. SOLAR ACTIVITY IS EXPECTED TO CONTINUE VERY LOW WITH INFREQUENT SUBFLARES POSSIBLE BUT UNLIKELY. NO OLD REGIONS ARE DUE TO RETURN DURING THE NEXT 24 HOURS.

II. THE GEOMAGNETIC FIELD HAS BEEN ACTIVE TO UNSETTLED. ACTIVITY IS EXPECTED TO DIMINISH SLIGHTLY DURING THE NEXT 24 HOURS.

III. EVENT PROBABILITIES 03-05 MARCH

CLASS M 03/03/03

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 02 MARCH 78

PREDICTED 03-05 MARCH 77/78/79

90-DAY MEAN 02 MARCH 83

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 01 MARCH 17

ESTIMATED AFR/AP 02 MARCH 13/14

PREDICTED AFR/AP 03-05 MARCH 09/10 - 07/08 - 06/07

SOLTERWARN

SPAN

BT