

HFUS 1 BOU

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO

SDF NUMBER

241 B

Drh

JOINT AFSCWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY

ISSUED

1400

Z 29 AUGUST 1974

1A. SOLAR ACTIVITY REMAINS LOW

HOWEVER MINOR SURGE AND PROMINENCE  
ACTIVE HAS BEEN OBSERVED ON THE  
SE LIMB (S13-15)

1B. CONTINUED LOW LEVEL OF ACTIVITY WITH  
MINOR FLARES EXPECTED FROM OLD REGIONS  
RETURNING IN SE QUADRANT

II. MINOR GEO MAGNETIC STORM CONDITIONS  
EXPECTED TO EXIST FOR NEXT 48 to 72  
HOURS

III. EVENT PROBABILITIES 29 - 31 AUG

CLASS M  
CLASS X  
PROTON  
PCAF

NO CHANCE

IV. OTTAWA 10.7 CM FLUX

OBSERVED  
PREDICTED  
90-DAY MEAN

29 - 28 AUG 70  
31 AUG 72 74 76  
28 AUG 80

V. GEOMAGNETIC A INDICES  
OBSERVED FREDERICKSBURG

ESTIMATED  $A_{FR}/A_p$

PREDICTED  $A_{FR}/A_p$  29 - 31 AUG 30/45 - 25/35 - 20/30

HFUS 1 BOU

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO

SDF NUMBER 241

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY

ISSUED 2200 Z 29 AUG 1974

1A. CLOUDY CONDITIONS AT RAMEY AND BOULDER HAVE LIMITED VISUAL SOLAR OBSERVATIONS TODAY. A COOPERATIVE SUN HAS PRODUCED NO XRAY OR RADIO EVENTS. THE ONLY ACTIVITY REPORTED CONCERNED WEST LIMB PASSAGE OF THE LARGE N-S PROMINENCE AND THE EAST LIMB RETURN OF AN OLD WEAK ACTIVE REGION AT S15.

1B. CONTINUED LOW LEVEL OF ACTIVITY WITH MINOR FLARES IN AR 475 (N01 W65) AND THE REGION IN SE QUADRANT (S15 E88)

#### RECURRENT

II. A MINOR GEOMAGNETIC STORM BEGAN AT 29/0330Z. MINOR STORM AND/OR DISTURBED CONDITIONS SHOULD CONTINUE FOR THE NEXT 72 HOURS.

#### III. EVENT PROBABILITIES 30 AUG - 01 SEPT

CLASS M	<u>05</u>	<u>1</u>	<u>05</u>	<u>1</u>	<u>05</u>
CLASS X	<u>01</u>	<u>1</u>	<u>01</u>	<u>1</u>	<u>01</u>
PROTON	<u>01</u>	<u>1</u>	<u>01</u>	<u>1</u>	<u>01</u>
PCAF	<u>GREEN</u>				

#### IV. OTTAWA 10.7 CM FLUX

OBSERVED	<u>29 AUG</u>	<u>70.0</u>
PREDICTED	<u>30 AUG - 01 SEPT</u>	<u>72.1 74 1 75</u>
90-DAY MEAN	<u>29 AUG</u>	<u>88</u>

#### V.

##### GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG	<u>28 AUG</u>	<u>14</u>
ESTIMATED A <sub>FR/AP</sub>	<u>29 AUG</u>	<u>26/33</u>
PREDICTED A <sub>FR/AP</sub>	<u>30 Aug - 1 Sept</u>	<u>25/31 - 23/30 - 19/25</u>

*[Signature]*