

HFUS 1 BOU

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO

SDF NUMBER 241 B

Daily

JOINT AFCWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY

ISSUED 1400 Z 29 AUGUST 1974

I.A. SOLAR ACTIVITY REMAINS LOW
HOWEVER MINOR SURGE AND PROMINENCE
ACTIVE HAS BEEN OBSERVED ON THE
SE LIMB (S13-15)

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

II. MINOR GEO MAGNETIC STORM CONDITIONS
EXPECTED TO EXIT 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

	<u>29</u>	<u>31</u>	<u>28 AUG</u>	<u>29 AUG</u>	<u>30 AUG</u>	<u>31 AUG</u>	<u>70</u>
OBSERVED							
PREDICTED							
90-DAY MEAN							

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG

ESTIMATED A_{FR/AP}

PREDICTED A_{FR/AP} 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

IA. 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.

IB. CONTINUED LOW LEVEL OF ACTIVITY WITH MINOR FLARES IN AR 475 (NO 1 W65) AND THE REGION IN SE QUADRANT (S15 E88).

RECURRENT

II. A MINOR^A GEOMAGNETIC STORM BEGAN AT 29/0330Z. MINOR ASTORM 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>29 AUG</u>	<u>70.0</u>
PREDICTED	<u>30 AUG</u>	<u>- 01 SEPT</u>	<u>72.1</u> <u>74</u> <u>75</u>
90-DAY MEAN	<u>29 AUG</u>		<u>88</u>

V.

GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 28 AUG

14

ESTIMATED A_{FR/AP} 29 AUG

261 33

PREDICTED A_{FR/AP} 30 Aug - 1 Sept

251 31 - 231 30 - 191 25

(initials) Dan