

HFUS 1 BOU

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO

SDF NUMBER 240 A

JOINT AFCWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY

ISSUED 0500 Z 28 AUGUST 1974

1A. Solar activity remains very low. No flares or significant changes on the disk have been reported in the last 8 hours.

1B. Activity is expected to remain very low.

II. The geomagnetic field has been unsettled. Unsettled conditions with occasional active periods due to local substorms are expected through 28 August, followed by generally active conditions 29-30 August.

III. EVENT PROBABILITIES

CLASS M
CLASS X
PROTON
PCAF

N.C.

IV. OTTAWA 10.7 CM FLUX

OBSERVED
PREDICTED
90-DAY MEAN

N.C.

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG

ESTIMATED A_{FR}/A_P

PREDICTED A_{FR}/A_P

26 AUG

27 AUG

30 AUG

07

19/22

12/15 - 15/17 - 20/24

HFUS 1 BOU

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO

SDF NUMBER 240 B

JOINT AFSCWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY

ISSUED 1400 Z 28 Aug 1974

1A. Solar activity continues very low. No flares
have been reported during the past 8 hours.

1B. No significant solar activity is expected
during the forecast period.

II. The geomagnetic field was generally unsettled
overnight, becoming quiet recently. The field
is expected to be quiet early in the period and
'active' midway through the 29th of August

III. EVENT PROBABILITIES 28 Aug - 30 Aug 1974

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>27 Aug</u>	<u>71</u>	
PREDICTED	<u>28</u>	- <u>30 Aug</u>	<u>71</u>	<u>1</u> <u>72</u>
90-DAY MEAN		<u>27 Aug</u>	<u>88</u>	

V.

GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG

ESTIMATED A_{FR}/A_P

PREDICTED A_{FR}/A_P	<u>28</u>	- <u>30 Aug</u>	<u>10/11</u>	- <u>15/17</u>	- <u>20/24</u>
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HFUS 1 BOU

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO

SDF NUMBER 240

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY

ISSUED 2200 Z 28 Aug 1974

1A. Solar activity has been very low for the past 24 hours. One small C class subflare was reported in region 475 (N01W46), the only active region on an otherwise dull disk.

1B. Solar activity is expected to remain very low through the forecast period. Slight SE limb activity may herald the return of old region 461.

II. The geomagnetic field was unsettled early in the past day, becoming quieter during the day. The field is expected to be unsettled to quiet until midway through 29 August when the field is expected to become active again.

III. EVENT PROBABILITIES 29 Aug - 31 Aug 1974

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>28 Aug</u>	<u>70</u>
PREDICTED	<u>29</u>	<u>31 Aug</u>	<u>71 / 72 / 73</u>
90-DAY MEAN		<u>28 Aug</u>	<u>88</u>

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG	<u>27 Aug</u>	<u>17</u>
ESTIMATED $A_{FR/AP}$	<u>28 Aug</u>	<u>10 / 14</u>
PREDICTED $A_{FR/AP}$	<u>29 - 31 Aug</u>	<u>15 / 21 - 20 / 29 - 18 / 26</u>