

HFUS 1 BOU

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO

SDF NUMBER 239A

JOINT AFCWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY

ISSUED 0500

27 AUGUST

1974

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

1B. Solar activity is expected to remain very low during the next 8 hours.

II. The geomagnetic field has been quiet during the past 8 hours and is expected to remain quiet 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	-	-	-	-	-	-
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ESTIMATED A _{FR/AP}	-	-	-	-	-	-
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PREDICTED A _{FR/AP}	-	-	-	-	-	-
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HFUS 1 BOU

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO

SDF NUMBER 239B

JOINT AFCWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY

ISSUED 1400 Z 27 Aug 1974

I.A. Solar activity remains very low. No flares have been reported for almost 3 days.

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

II. The geomagnetic field became active during the past 12 hours. This activity may result from recurrent structure returning earlier than expected. The field should remain active thru the forecast period with activity remaining below minor storm levels.

III. EVENT PROBABILITIES 27 Aug - 29 Aug 1974

CLASS M	05	/	05	/	05
CLASS X	01	/	01	/	01
PROTON	01	/	01	/	01
PCAF	Green				

IV. OTTAWA 10.7 CM FLUX

OBSERVED		26 Aug	72
PREDICTED	<u>27</u>	<u>29 Aug</u>	<u>71</u>
90-DAY MEAN		<u>26 Aug</u>	<u>89</u>

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG	<u>25 Aug</u>	<u>13</u>
ESTIMATED A _{FR/AP}	<u>26 Aug</u>	<u>06 1.08</u>
PREDICTED A _{FR/AP}	<u>27</u> - <u>29 Aug</u>	<u>20 1/24</u> - <u>25 1/33</u> - <u>20 1/24</u>

HFUS 1 BOU

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO

SDF NUMBER 239

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY

ISSUED 2200 z 27 Aug 1974

I.A. Solar activity has been very low during the last 24 hours. Only one small C-class subflare was noted in region 475 (N01W33), the only region currently seen on the visible disk

I.B. Solar activity is expected to remain very low through the forecast period. Old region 461 may return at SEO9 on the 30th of August.

II. The geomagnetic field was quiet until 27/0300Z when it gradually became more active. The field has quieted now and should remain quiet to unsettled until the 29th of August when it is expected to become active again.

III. EVENT PROBABILITIES	28 Aug	-	30 Aug
CLASS M	05	1	05
CLASS X	01	1	01
PROTON	01	1	01
PCAF	Green		

IV. OTTAWA 10.7 CM FLUX

OBSERVED	27 Aug	-	71
PREDICTED	28	-	71
90-DAY MEAN		27 Aug	88

V.

GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG

ESTIMATED A_{FR}/A_P

PREDICTED A_{FR}/A_P

26 Aug	-	07
27 Aug	-	17/20
30 Aug	-	10/11 - 15/17 - 20/24