

7 DAY OUTLOOK

30 AUG - 5 Sept 74

SOLAR - VERY LOW LEVEL OF
ACTIVITY WITH SLIGHT INCREASE
AFTER 3 SEPT AS OLD REGIONS
RETURN TO SE QUAD,
NO SIGNIFICANT FLARES EXPECTED.

GEOMAGNETIC - MINOR STORM
DECAYING TO DISTURBED CONDITIONS
AFTER 1 SEP. GENERALLY
DISTURBED CONDITIONS REMAINDER OF
PERIOD.

HFUS 1 BOU

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO

SDF NUMBER 242A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY

ISSUED 0500 Z 30 AUGUST 1974

1A. Solar activity remains very low. No significant changes have occurred on the disk.

1B. Activity is expected to remain very low.

TO MINOR STORM

II. Active, geomagnetic conditions continue to be experienced by the geomagnetic field. Similar conditions are expected throughout the forecast period.

III. EVENT PROBABILITIES

CLASS M
CLASS X
PROTON
PCAF

1 1 N 1 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

N. C.

HFUS 1 ROU

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO

SDF NUMBER 242 B

JOINT AFOWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY

ISSUED 1406 2 30 Aug 1974

1A. SOLAR ACTIVITY CONTINUES AT A
LOW LEVEL WITH MINOR PROMINENCE
ACTIVITY ON SE AND SW LIMBS

1B. NO SIGNIFICANT SOLAR ACTIVITY
EXPECTED. OLD RETURNING REGIONS
IN SE QUADRANT WILL BRING A
SLIGHT INCREASE IN MINOR FLARE ACTIVITY

II. THE GEOMAGNETIC STORM HAS DECREASED IN INTENSITY.
DISTURBED CONDITIONS ARE EXPECTED FOR THE
NEXT 72 HOURS

III. EVENT PROBABILITIES 30 Aug - 1 Sept

CLASS M	<u>5</u>	<u>1</u>	<u>5</u>	<u>1</u>	<u>5</u>
CLASS X	<u>1</u>	<u>1</u>	<u>1</u>	<u>1</u>	<u>1</u>
PROTON	<u>1</u>	<u>1</u>	<u>1</u>	<u>1</u>	<u>1</u>
PCAF	<u>GREEN</u>				

IV. OTTAWA 10.7 CM FLUX

OBSERVED	<u>29 AUG</u>	<u>70.0</u>
PREDICTED	<u>30 AUG - 1 Sept</u>	<u>72 / 74 - 1 75</u>
90 - 100		

V. GEOMAGNETIC A INDICES

OBSERVED ~~FREDERICKSBURG~~ ~~28A~~

ESTIMATED ~~AFR/AP~~

PREDICTED ~~AFR/AP~~ 30 AUG - 1 Sept - 18 / 22 - 15 / 18 - 15 / 18

HFUS 1 BOU 302200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 242

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 30 AUGUST 1974

IA. SOLAR ACTIVITY CONTINUES AT A LOW LEVEL. MT. WILSON REPORTED
TWO SMALL SPOTS IN NEW REGION AR478 (S12E75), HOWEVER REGION HAS
ONLY WEAK AND SMALL PLAGE.

IB. NO SIGNIFICANT FLARES EXPECTED. SOLAR ACTIVITY SHOULD BE AT
A LOW LEVEL WITH ONLY MINOR FLARES OCCURRING IN SE QUADRANT.

II. THE MINOR GEOMAGNETIC STORM HAS SUBSIDED; DISTURBED GEOMAGNETIC
CONDITIONS EXPECTED FOR THE NEXT 72 HOURS.

III. EVENT PROBABILITIES 31 AUG -02 SEPT

CLASS M 03/03/03

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 30 AUG 73

PREDICTED 31 AUG -02 SEPT 74/75/75

V. GEOMAGNETIC A INDICES

OBSER FREDERICKSBURG 29 AUG 24

ESTVED FREDERICKSBURG 29 AUG 24

ESTIMATED AFR/AP 30 AUG 15/17

PREDICTED AFR/AP 31 AUG -02 SEPT 15/17 - 15/17 - 15/17

SOLTERWARN

BT