

# 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 REMAINING 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 230 AUGUST 1974

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

I.B. 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	/	N	C
CLASS X	/	N	C
PROTON	/	N	C
PCAF	/	N	C

IV. OTTAWA 10.7 CM FLUX

OBSERVED	-	N	C	,	-	1
PREDICTED	-	N	C	,	-	1
90-DAY MEAN	-	N	C	,	-	1

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG

ESTIMATED A<sub>FR</sub>/A<sub>P</sub>

PREDICTED A<sub>FR</sub>/A<sub>P</sub>

N	C	,	-	1	-	1
N	C	,	-	1	-	1
N	C	,	-	1	-	1

HFUS 1 BOU

Dolan

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO

SDF NUMBER 242 B

JOINT AFCWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY

ISSUED 1406 230 Aug 1974

1A. SOLAR ACTIVITY CONTINUES AT A LOW LEVEL WITH MINOR PROMINENT 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	5	1	5	1	5
CLASS X	1	1	1	1	1
PROTON	1	1	1	1	1
PCAF	GREEN				

IV. OTTAWA 10.7 CM FLUX

	<u>29 AUG</u>	<u>70.0</u>
OBSERVED		
PREDICTED	<u>30 Aug</u> - <u>1 Sept</u>	<u>721 74</u> <u>1 75</u>

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG ~~20 A~~

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