

HFUS 3 BOU 260430

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 269A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0500Z 26 SEPTEMBER 1977

IA. SOLAR ACTIVITY HAS BEEN MODERATE THE PAST NINE HOURS. REGION
898 (N13E69) HAS PRODUCED TWO M-1 X-RAY EVENTS AT 26/0025Z AND
26/0148Z. A SUB FAINT OPTICAL FLARE WAS REPORTED COINCIDEND WITH
THE 0025Z EVENT.

IB. SOLAR ACTIVITY WILL BE CONTINUE TO BE MODERATE. REGION 898
WILL BE PRODUCING MOST OF THIS ACTIVITY.

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED THE PAST NINE HOURS.
THE GEOMAGNETIC FIELD WILL BE QUIET TO UNSETTLED THE NEXT 8 HOURS.

III. EVENT PROBABILITIES 26 SEPTEMBER - 28 SEPTEMBER

CLASS M 50/50/50

CLASS X 10/10/10

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 25 SEPTEMBER 98

PREDICTED 26-28 SEPTEMBER 100/100/98

90-DAY MEAN 25 SEPTEMBER 88

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 24 SEPTEMBER 15

ESTIMATED AFR/AP 25 SEPTEMBER 09/08

PREDICTED AFR/AP 26-28 SEPTEMBER 07/07 - 08/08 - 08/10

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Region Histor
892, 898, 895*

HFUS 3 BOU 261500

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLORADO

SDF NUMBER 269-B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1500Z 26 SEPT 1977

IA. SOLAR ACTIVITY HAS BEEN LOW THE PAST EIGHT HOURS. REGIONS 892
(S23W46) AND 898 (N15E69) HAVE PRODUCED I-N FLARES WITH SMALL CLASS
C X-RAY EVENTS. REGION 896 (N29W13) IS SHOWING SLOW DECAY, OTHER
REGIONS ARE INACTIVE.

IB. SOLAR ACTIVITY WILL BE MODERATE. REGIONS 898 MAY PRODUCE M CLASS
ACTIVITY AND 892 AND 896 ARE ALSO CAPABLE OF ENERGETIC EVENTS.

II. THE GEOMAGNETIC FIELD HAS BEEN ACTIVE SINCE 26/0600Z. THIS
ACTIVITY IS LIKELY DUE TO THE BEHIND THE LIMB EVENT ON FRIDAY FROM
REGION 889 AND SHOULD END WITHIN THE NEXT 18 HOURS.

III. EVENT PROBABILITIES 26 - 28 SEPT

CLASS M 50/50/50

CLASS X 10/10/10

PROTON 05/05/05

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 25 SEPT 98

PREDICTED 26-28 SEPT 98/98/98

90-DAY MEAN 25 SEPT 89

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 24 SEPT 15

ESTIMATED AFR/AP 25 SEPT 09/08

PREDICTED AFR/AP 26-28 SEPT 12/15 - 14/20 - 08/10

SOLTERWARN

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HFUS 1 BOU 262200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 269

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 26 SEPTEMBER 1977

IA. SOLAR ACTIVITY HAS BEEN MODERATE THE PAST 24 HOURS. REGION
898 (N15E61) WAS THE SOURCE OF TWO M-1 X-RAY EVENTS AT 26/0124Z
AND 26/0148Z AND SEVERAL SUB FLARES. REGION 892 (S24W51) HAS
PRODUCED THREE C-CLASS EVENTS. THE DISK HAS GIVEN BIRTH TO
REGIONS 899 (N34E67), 900 (S30E40) AND 901 (S24W70), ALL OF
WHICH ARE SMALL AND UNIMPRESSIVE.

IB. SOLAR ACTIVITY SHOULD REMAIN LOW TO MODERATE. REGIONS 892
AND 898 ARE THE MOST IMPORTANT OF THE REGIONS AND CAN BE EXPECTED
TO CONTINUE TO PRODUCE ENERGETIC ACTIVITY.

II. THE GEOMAGNETIC FIELD WAS ACTIVE EARLY IN THE DAY BUT HAS
BECOME UNSETTLED. GENERALLY UNSETTLED CONDITIONS SHOULD BE THE
RULE THROUGHOUT THE FORECAST PERIOD.

III. EVENT PROBABILITIES 27 SEPTEMBER - 29 SEPTEMBER

CLASS M 50/50/50

CLASS X 10/10/10

PROTON 05/05/05

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 26 SEPTEMBER 99

PREDICTED 27-29 SEPTEMBER 101/102/103

90-DAY MEAN 26 SEPTEMBER 88

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 25 SEPTEMBER 12

ESTIMATED AFR/AP 26 SEPTEMBER 10/14

PREDICTED AFR/AP 27-29 SEPTEMBER 12/15 - 08/10 - 08/10

SOLTERWARN

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