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HFUS 1 BOU 240600

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 268A

JOINT AESC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY

ISSUED 0600Z 24 SEPTEMBER 1972

IA. NEW REGION BEHIND NORTHEAST LIMB IS GIVING SMALL ACTIVITY.

IB. NO CHANGE

II. GEOMAGNETIC ACTIVITY HAS INCREASED DURING PAST 6 HOURS.

ONLY MINOR DISTURBANCE IS FORECAST.

III. EVENT PROBABILITIES NO CHANGE

IV. NO CHANGE

V. NO CHANGE

SOLTERWARN

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HFUS 1 BOU 241245

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 268B

JOINT AESC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1300Z SEPTEMBER 24N 1972

IA. SUBFLARE ACTIVITY FROM REGION 414 (S05E21) HAS CONTINUED AND
REGION 412 (S14W18) HAS ALSO PRODUCED TWO SUBFLARES. REGION 416
(S05E29) HAS NOT FLARED, BUT STILL HAS HIGH POTENTIAL. PENUMBRA
OF 416 IS BREAKING UP, BUT STILL CONTAINS POSSIBLE DELTA.

IB. CLASS M X-RAY FLARES ARE EXPECTED FROM THE 414/416 COMPLEX.
REGION 392 IS DUE TO RETURN 24 SEPTEMBER.

II. GEOMAGNETIC FIELD HAS BEEN UNSETLED, BUT ACTIVITY SEEMS TO
BE DECREASING AND MILDLY UNSETLED TO QUIET CONDITIONS ARE EXPECTED.

III. EVENT PROBABILITIES 24 SEPT - 26 SEPT

CLASS M 75/70/65

CLASS X 07/05/05

PROTON 02/03/04

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 23 SEPT 127

PREDICTED 24 - 26 SEPT 130/136/140

90-DAY MEAN 23 SEPT 121.7

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 22 SEPT 06

ESTIMATED 23 SEPT 13

PREDICTED 24 - 26 SEPT 12/10/10

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HFUS BOU 242200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 268

JOINT AESC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY

ISSUED 22000Z 24 SEPTEMBER 1972

IA. SOLAR ACTIVITY HAS BEEN LOW WITH SUBFLARES FROM REGIONS 412/S13W23/, 414/S04E11/ AND 416/S05E21/. SPOT REGENERATION HAS TAKEN PLACE NORTHWEST OF THE LARGE LEADER-POLARITY SPOT OF REGION 414. PENUMBRAL FRAGMENTATION HAS OCCURRED IN REGION 416 AND THE REGION APPARENTLY NO LONGER CONTAINS A DELTA CONFIGURATION. REGION 416 DOES REMAIN COMPLEX WITH A KINKED EAST-WEST NEUTRAL LINE. MINOR SURGE ACTIVITY NEAR S10E90 PRESAGES THE RETURN OF OLD REGION 392.

IB. CLASS M ACTIVITY IS EXPECTED FROM THE 414/416 COMPLEX. REGION 392 SHOULD RETURN WITHIN THE NEXT 6 HOURS.

II. THE GEOMAGNETIC FIELD WAS UNSETLED THROUGH 24/1200Z. THE FIELD IS EXPECTED TO BECOME UNSETLED AGAIN 25/0000Z - 25/1200Z. QUIET CONDITIONS SHOULD PREVAIL ON 26 AND 27 SEPTEMBER.

III. EVENT PROBABILITIES 25 - 27 SEPT

CLASS M 75/75/75

CLASS X 05/05/05

PROTON 03/04/05

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 24 SEPT 126

PREDICTED 25 - 27 SEPT 127/130/132

90-DAY MEAN 24 SEPT 121.8

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 23 SEPT 11

ESTIMATED 24 SEPT 12

PREDICTED 25 - 27 SEPT 10/08/08

SOLTERWARN

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