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KBOU  
HFUS 1 BOU 070601  
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO  
SDF NUMBER 342A  
JOINT AESU/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 0600Z 07 DEC 1972  
IA. NO CHANGE  
IB. NO CHANGE  
II. NO CHANGE  
III. NO CHANGE  
IV. NO CHANGE  
V. NO CHANGE  
SOLTERWARN  
SPAN  
BT

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KBOU

HFUS 1 BOU 071300

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 342B

JOINT AESC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 1300Z 07 DECEMBER 1972

IA. MINOR SUBFLARE ACTIVITY FROM REGION 496 (N10E58) WAS THE ONLY  
ACTIVITY OBSERVED DURING THIS PERIOD. ALL OTHER DISK FEATURES HAVE  
BEEN STABLE AND QUIET.

IB. CONTINUED MINOR SUBFLARE ACTIVITY CAN BE EXPECTED FROM REGION  
496. REGION 496 DOES NOT APPEAR TO BE A LIKELY SOURCE OF ENERGETIC  
ACTIVITY IN THE NEAR FUTURE.

II. THE GEOMAGNETIC FIELD IS IN AN UNSETTLED STATE AT THIS TIME.  
CONTINUED UNSETTLED CONDITIONS ARE EXPECTED FOR THE DURATION  
OF THIS FORECAST PERIOD.

III. EVENT PROBABILITIES 07 - 09 DEC

CLASS M 10/10/10

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 06 DEC 80.1

PREDICTED 07 - 09 DEC 80/82/83

90-DAY MEAN 06 DEC 110.6

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 05 DEC 02

ESTIMATED 06 DEC 01

PREDICTED 07 - 09 DEC 08/10/08

SPAN

BT

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO  
SDF NUMBER 342

JOINT AESC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 2200Z 07 DECEMBER 1972.

IA. ACTIVITY HAS BEEN LOW. POOR WEATHER IS HINDERING EXAMINATION OF THE SUN AT MOST OBSERVATORIES, BUT A CLEARER PICTURE OF REGION 496 /N12E54/ IS UNFOLDING. MAGNETIC OBSERVATIONS SHOW THERE ARE TWO BIPOLAR STRUCTURES ALIGNED LEADER-FOLLOWER-LEADER-FOLLOWER. THE MIDDLE FOLLOWER-LEADER PAIR ARE IN CLOSE PROXIMITY WHILE THE H-ALPHA, WHITE LIGHT AND CALCIUM PLAGE CONFIGURATIONS, ALONG WITH ARCH-FILAMENT STRUCTURES IN BOTH MAGNETIC PAIRS, INDICATE THEY ARE BOTH YOUNG EMERGING STRUCTURES. IF PEAK FLARE INTENSITIES ARE LIMITED BY THE INTEGRAL MAGNETIC FIELD FLUX IN THE VICINITY OF THE SO-CALLED COLLIDING SPOTS, THEN THE PRESENT EXPECTATION IS FOR FLARES OF NO MORE THAN MODERATE INTENSITY.

IB. SPORADIC FLARES, WITH A COUPLE UP TO MODERATE CLASS M INTENSITY ARE PROBABLE OVER THE NEXT SEVERAL DAYS. CONSIDERABLE FURTHER GROWTH IS NECESSARY IN THE REGION BEFORE MAJOR FLARES COULD BE EXPECTED.

II. THE GEOMAGNETIC FIELD HAS BEEN SLIGHTLY UNSETTLED THE PAST 12-15 HOURS AND IS EXPECTED TO REMAIN SO THE NEXT 24-48 HOURS.

III. EVENT PROBABILITIES 08 DEC - 10 DEC.

CLASS M 20/25/25

CLASS X 02/05/05

PROTON 01/02/02

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX.

OBSERVED 07 DEC 89.8

PREDICTED 08 DEC - 10 DEC 94/97/99

90-DAY MEAN 07 DEC 110.3

V. GEOMAGNETIC A INDICES.

OBSERVED FREDERICKSBURG 06 DEC 02

ESTIMATED 07 DEC 10

PREDICTED 08 DEC - 10 DEC 10/10/08

SOLTERWARN

SPAN

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