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KBOU
HFUS 1 BOU 300600
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO
SDF NUMBER 274A
JOINT AESC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0600Z 30 SEPTEMBER 1972
IA. NO CHANGE
IB. NO CHANGE
II. THE GEOMAGNETIC FIELD IS SLIGHTLY DISTURBED,
NO MAJOR ACTIVITY EXPECTED.
III. NO CHANGE
IV. NO CHANGE
V. NO CHANGE
BT

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HFUS 1 BOU 301300

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 274B

JOINT AESC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1300Z 30 SEPT 1972

IA. SOLAR ACTIVITY REMAINS AT A LOW LEVEL WITH ONLY OCCASIONAL
NON ENERGETIC SUBFLARES OCCURRING IN REGION 416/S04 W53/.
REGION 424 /N11E35/ IS NOW THE MOST INTERESTING REGION ON THE
VISIBLE DISK.

IT HAS BEEN GROWING IN H-ALPHA AND WHITE LIGHT AND HAS MAGNETIC
STRUCTURE INDICATIVE OF REGIONS CAPABLE OF ENERGETIC ACTIVITY
IB. REGION 416 IS THE ONLY REGION NOW ON THE DISK WHICH HAS PRODUCED
CLASS M ACTIVITY. IT IS UNLIKELY THAT THIS REGION WILL PRODUCE ANY
MORE ENERGETIC FLARES DURING THE REMAINDER OF ITS DISK TRANSIT.

CONTINUED GROWTH OF REGION 424 SHOULD RESULT IN
CLASS M ACTIVITY FROM THIS REGION WITHIN THE NEXT 48-72 HRS.

II. THE GEOMAGNETIC FIELD WAS UNSETLED PRIOR TO 06Z, BUT
IT HAS SINCE BECOME QUIET. GENERALLY QUIET WITH OCCASIONAL
PERIODS OF UNSETLED GEOMAGNETIC CONDITIONS ARE EXPECTED
DURING THE NEXT 24 HRS. THIS IS REFLECTED IN THE AMENDED
FORECASTS IN PART V.

III. EVENT PROBABILITIES 30 SEPT 02 OCT

CLASS M 35/35/40

CLASS X 01/01/02

PROTON 01/02/05

PCFC GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 29 SEPT 115

PREDICTED 30 SEPT 02 OCT 115/116/118

90-DAY MEAN 29 SEPT 16

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 28 SEPT 07

ESTIMATED 29 SEPT 16

PREDICTED 30 SEPT - 02 SEPT 07/06/10

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HFUS BOU 302205

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 274

JOINT AESC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 30 SEPTEMBER 1972

IA. SOLAR ACTIVITY AT LOW LEVEL WITH NO SIGNIFICANT EVENT. REGION
424 /N12E24/ HAS REVERSED POLARITY BUT SIMPLE MAGNETICALLY. OTHER
DISK REGIONS SIMPLE AND INACTIVE. SMALL SURGES NEAR SE13 INDICATES
REGION ABOUT TO CROSS LIMB.

IB. REGION 424 ONLY ONE WITH POTENTIAL TO PRODUCE SIGNIFICANT FLARE.
II. THE GEOMAGNETIC FIELD WAS ACTIVE TO UNSETLED BUT QUIET SINCE
30/0600Z. IT IS EXPECTED TO REMAIN QUIET FOR NEXT 48 HOURS AND THEN
BECOME UNSETLED.

III. EVENT PROBABILITIES 01 OCT-03 OCT

CLASS M 35/35/40

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 30 SEP 118

PREDICTED 01 OCT-03 OCT 118/121/125

90-DAY MEAN 30 SEP 121.4

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 29 SEP 17

ESTIMATED 30 SEP 05

PREDICTED 01 OCT-03 OCT 06/06/09

SOLTERWARN

SPAN

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