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HFUS 1 BOU 110601

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 131A

JOINT AESU/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY

ISSUED 0600Z 11 MAY 1973.

IA. NO CHANGE

IB. NO CHANGE

II. NO CHANGE

III. NO CHANGE

IV. NO CHANGE

V. NO CHANGE

SOLTERWARN

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KBOU HFUS 1 BOU

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 131B

JOINT AESU/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 1300Z 11 MAY 1973

IA. SOLAR ACTIVITY REMAINS VERY LOW WITH ONLY THREE C-CLASS  
SUBFLARES OBSERVED DURING THE PAST 24 HOURS.

IB. REGION 092 /S17W65/ AND REGION 100 /S14W54/ HAVE SEPARATED  
AND SIMPLIFIED. NO FURTHER ENERGETIC ACTIVITY IS ANTICIPATED  
FROM THIS COMPLEX. REGION 101 /S07W25/ APPEARS STABLE. THE  
LIMBS ARE QUIET.

II. THE GEOMAGNETIC FIELD HAS BEEN ESSENTIALLY QUIET DURING  
THE LAST 24 HOURS. IT IS EXPECTED TO BECOME ACTIVE EARLY IN  
THE FORECAST PERIOD WITH THE RETURN OF RECURRENT INTERPLANETARY  
MAGNETIC STRUCTURE.

III. EVENT PROBABILITIES 11 MAY - 13 MAY

CLASS M 40/40/40

CLASS X 05/05/05

PROTON 05/03/03

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 10 MAY 91

PREDICTED 11 - 13 MAY 87/85/84

90-DAY MEAN 10 MAY 103

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 09 MAY 15

ESTIMATED 10 MAY 10

PREDICTED 11 - 13 MAY 15/17/18

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PREDICTED 11 - 13 MAY 15/17/18

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HFUS BOU 112200

FROM SPACE ENVIRONMENT SERVICE CENTER BOULDER COLO

SDF NUMBER 131

JOINT AESU/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 2200Z 11 MAY 1973

IA. SOLAR ACTIVITY HAS BEEN VERY LOW, WITH ONLY FOUR SMALL  
SUBFLARES REPORTED SINCE 11/0000Z. REGION 092 (S17W70) CONTINUES TO  
DECAY IN BOTH WHITE LIGHT AND H-ALPHA. REGION 100 (S14W61) HAS  
PRODUCED TWO SUBFLARES, BUT ALSO CONTINUES TO DECLINE, AND IS NOW  
CLASSIFIED MAGNETICALLY AS AN ALPHA. OLD REGION 099 (N14W56)  
YIELDED ONE SUBFLARE EARLIER TODAY, BUT NO SPOTS ARE VISIBLE THERE.  
THERE IS A POSSIBLE NEW EMERGING BIPOLE AT N07E11. THE EAST LIMB  
HAS BEEN QUIET.

IB. ENERGETIC EVENTS ARE NOT EXPECTED DUE TO THE CONTINUING  
FRAGMENTATION AND DECLINE OF REGIONS 092 AND 100.

II. UNSETTLED CONDITIONS HAVE PREVAILED IN THE GEOMAGNETIC FIELD  
FOR THE PAST 24 HOURS. IT IS EXPECTED TO BECOME ACTIVE DURING THE  
NEXT 24 TO 36 HOURS. THE LOW ENERGY (5-21 MEV) PROTON  
ENHANCEMENT CONTINUED TODAY.

III. EVENT PROBABILITIES 12 MAY -14 MAY

CLASS M 30/30/20

CLASS X 05/05/03

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 11 MAY 85

PREDICTED 12-14 MAY 83/83/85

90-DAY MEAN 11 MAY 103

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 10 MAY 09

ESTIMATED 11 MAY 10

PREDICTED 12-14 MAY 13/15/16

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