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HFUS 1 BOU 100600

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 130A

JOINT AESU/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY

ISSUED 0600Z 10 MAY 1973.

IA. NO CHANGE

IB. NO CHANGE

II. NO CHANGE

III. NO CHANGE

IV. NO CHANGE

V. NO CHANGE

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HFUS 1 BOU 101300

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 130B

JOINT AESU/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 1300Z 10 MAY 1973

IA. SOLAR ACTIVITY HAS BEEN VERY LOW WITH ONLY ONE SMALL C-CLASS  
SUBFLARE OBSERVED DURING THE PAST 24 HOURS.

IB. REGION 092 (S15W39) CONTINUES TO DECLINE, ALTHOUGH AT A SLOWER  
RATE NOW. THE REGION'S CAPACITY FOR ENERGETIC ACTIVITY IS NOW LOW.  
OTHERWISE, THE DISK AND LIMBS ARE PRACTICALLY CLEAR.

II. THE GEOMAGNETIC FIELD HAS BECOME QUIET. IT IS EXPECTED TO BECOME  
ACTIVE AGAIN MIDWAY THROUGH THE FORECAST PERIOD.

III. EVENT PROBABILITIES 10 MAY - 12 MAY

CLASS M 50/40/40

CLASS X 10/05/05

PROTON 05/03/03

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 09 MAY 93

PREDICTED 10 - 12 MAY 90/88/86

90-DAY MEAN 09 MAY 103

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 08 MAY 17

ESTIMATED 09 MAY 16

PREDICTED ~~10~~ 10 - 12 MAY 12/17/20

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KBOU

HFUS BOU 102230 COR

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 130 CORRECTED COPY

JOINT AESU/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 2200Z 10 MAY 1973

IA. SOLAR ACTIVITY HAS BEEN LOW FOR THE PAST 24 HOURS. DUE TO ITS MAGNETIC STRUCTURE, REGION 092 (S17W57) HAS BEEN SPLIT, WITH THE EASTERNMOST SPOT GROUP BECOMING REGION 100 (S14W46). AN OPTICAL CLASS ONE FAINT FLARE WAS OBSERVED IN REGION 100 AT 1643Z. TWO SMALL SUBFLARES HAVE OCCURRED IN REGION 092, AS THE REGION CONTINUES TO EXHIBIT DECAY. A NEW TYPE "B" SPOT GROUP, REGION 101 (S07W17) HAS EMERGED WITH A SMALL AMOUNT OF ASSOCIATED PLAGE.

BOTH LIMBS AND THE REMAINDER OF THE DISK HAVE BEEN QUIET.

IB. M CLASS EVENTS ARE STILL POSSIBLE FROM REGIONS 092 AND 100, BUT ARE NOT EXPECTED DUE TO THEIR SIMPLE MAGNETIC STRUCTURES.

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETLED AND SOLAR WIND DATA SUGGEST IT WILL BE UNSETLED TO ACTIVE THROUGHOUT THE FORECAST PERIOD. THE LOW ENERGY PROTON (5-21 MEV) ENHANCEMENT HAS CONTINUED THROUGHOUT THE DAY AS REPORTED BY THE ATS-1 SATELLITE.

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 MAY - 13 MAY 87/85/84

90-DAY MEAN 10 MAY 103

V. GEOMAGNETIC A INDICES.

OBSERVED FREDERICKSBURG 09 MAY 15

ESTIMATED 10 MAY 12

PREDICTED 11 MAY - 13 MAY 15/17/18

NOTE: REGION LOCATED AT S07W17 IS REGION 101, RPT REGION 101.

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