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HFUS 1 BOU 300600

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 150A

JOINT AESU/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY

ISSUED 0600Z 30 MAY 1973.

IA. SOLAR ACTIVITY REMAINS LOW. BRIGHT AND DARK SURGE ACTIVITY OCCURRED FROM 0130Z TO 0300Z IN ASSOCIATION WITH SLIGHT GROWTH IN REGION 117 (N18W34). REGION 114 (S01W70) CONTINUES TO DECLINE.

IB. SOLAR ACTIVITY IS EXPECTED TO CONTINUE AT A LOW LEVEL THROUGHOUT THE FORECAST PERIOD.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET.

III. NO CHANGE

IV. NO CHANGE

V. NO CHANGE

SOLTERWARN

SPAN

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HFUS 1 BOU 301300

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 150B

JOINT AESU/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1300Z 30 MAY 1973

IA. SOLAR ACTIVITY REMAINS VERY LOW. REGION 117 (N18W38), PERHAPS THE MOST DYNAMIC REGION ON THE DISK, HAS PRODUCED DARK SURGES TO THE WEST OF THE LEADER SPOT, AND AN AFS IS VISIBLE JUST AHEAD OF THE MAIN BODY OF PLAGE. REGION 114 (S01W74) HAS CONTINUED TO DECLINE IN WHITE LIGHT AND H-ALPHA AS IT APPROACHES THE WEST LIMB. ONLY THREE SMALL SUBFLARES HAVE BEEN OBSERVED TODAY; ONE FROM REGION 114, ONE FROM 117, AND ONE FROM THE PLAGE OF OLD REGION 092. THE REMAINDER OF THE DISK AND THE LIMBS HAVE BEEN QUIET.

IB. ONLY NON-ENERGETIC EVENTS ARE ANTICIPATED, AS SOLAR ACTIVITY WILL REMAIN LOW FOR THE NEXT 72 HOURS.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET, AND IS EXPECTED TO BE QUIET TO UNSETTLED THROUGHOUT THE FORECAST PERIOD.

III. EVENT PROBABILITIES 30 MAY - 01 JUNE

CLASS M 30/20/30

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 29 MAY 91

PREDICTED 30 MAY - 01 JUNE 90/88/88

90-DAY MEAN 29 MAY 102

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 28 MAY 08

ESTIMATED 29 MAY 05

PREDICTED 30 MAY - 01 JUNE 05/06/08

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FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO
SDF NUMBER 150

JOINT AESU/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 30 MAY 1973.

IA. SOLAR ACTIVITY REMAINS LOW WITH ONLY SIX NON-ENERGETIC
SUBFLARES REPORTED TODAY. REGIONS 114 (S02W75) AND 117 (N17W41)
ARE DECAYING. A NEW B TYPE GROUP, REGION 120, HAS FORMED IN
FAINT PLAGE NEAR N07E00. A FILAMENT LOCATED NEAR S13W22 HAS
BEEN SLIGHTLY UNSTABLE.

IB. FLARE ACTIVITY SHOULD REMAIN LOW.

II. THE GEOMAGNETIC FIELD IS QUIET. QUIET CONDITIONS ARE EX-
PECTED UNTIL AN UNSETTLED PERIOD BEGINS NEAR 02 JUNE.

III. EVENT PROBABILITIES 31 MAY - 02 JUN.

CLASS M 20/20/20

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX.

OBSERVED 30 MAY 88

PREDICTED 31 MAY - 02 JUN 86/85/84

90-DAY MEAN 30 MAY 102

V. GEOMAGNETIC A INDICES.

OBSERVED FREDERICKSBURG 29 MAY 04

ESTIMATED 30 MAY 04

PREDICTED 31 MAY - 02 JUN 06/07/10

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