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HFUS 1 BOU 010545

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 001A

JOINT AESU/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY

ISSUED 0600Z 01 JANUARY 1973

IA. NO CHANGE

IB. NO CHANGE

II. THE GEOMAGNETIC FIELD IS SLIGHTLY DISTURBED.

III. NO CHANGE

IV. NO CHANGE

V. NO CHANGE

SOLTERWARN

SPAN

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HFUS 1 BOU 011300

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 001B

JOINT AESU/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY

ISSUED 1300Z 01 JANUARY 1973

IA. SOLAR ACTIVITY HAS BEEN LOW WITH ONLY TWO NON-ENERGETIC SUB-FLARES REPORTED TODAY. REGION 517 /N08E56/ REMAINS THE MOST INTERESTING SOLAR FEATURE. MINOR INTENSITY FLUCTUATIONS ARE OCCURRING WHERE A TRAILING POLARITY SPOT CROWDS THE SOUTHEAST PORTION OF THIS REGION'S LARGE LEADER. THE OLD 496/502 COMPLEX IS RETURNING IN THE NORTHEAST.

IB. CLASS M FLARES ARE EXPECTED NEAR THE LEADER SPOT OF REGION 517.

II. THE GEOMAGNETIC FIELD IS UNSETTLED. UNSETTLED CONDITIONS SHOULD CONTINUE WITH A FEW ACTIVE PERIODS LIKELY DURING THE LATTER PART OF THE FORECAST PERIOD.

III. EVENT PROBABILITIES 01 JAN - 03 JAN

CLASS M 55/50/45

CLASS X 05/05/05

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 31 DEC 98

PREDICTED 01-03 JAN 98/99/100

90-DAY MEAN 31 DEC 110

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 30 DEC 15

ESTIMATED 31 DEC 12

PREDICTED 01-03 JAN 10/10/14

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HFUS BOU 012200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 001

JOINT AESU/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 01 JAN 1973

IA. SOLAR ACTIVITY HAS BEEN LOW. REGION 517 /N08E47/ HAS PEAKED
IN GROWTH AND NOW IS EXPECTED TO SIMPLIFY FURTHER AND BEGIN TO
SLOWLY DECLINE. A NEW REGION IS EMERGING AT S16E15. IT HAS
LITTLE PROSPECT OF DEVELOPING INTO A SOURCE OF ENERGETIC ACTIVITY.
THE RETURNING COMPLEX AT NE14 HAS CONSIDERABLE AREA BUT SIMPLE
STRUCTURE.

IB. FLARE ACTIVITY IS EXPECTED TO BE SPORADIC FROM REGION 517
UNTIL LATE IN THE DECAY PHASE OR UNTIL NEW BIPOLAR FLUX EMERGES.
CLASS C FLARES MAY BE EXPECTED FROM THE NEW NE LIMB REGION.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET AND IS EXPECTED TO
CONTINUE A QUIET TREND EARLY IN THE FORECAST PERIOD THEN BECOME
ACTIVE LATER IN THE NEXT 72 HOURS.

III. EVENT PROBABILITIES 02-04 JAN

CLASS M 50/45/40

CLASS X 05/05/05

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7CM FLUX

OBSERVED 01 JAN 97

PREDICTED 02-04 JAN 98/99/100

90-DAY MEAN 01 JAN 109

V. GEOMAGNETIC A-INDICES

OBSERVED FREDERICKSBURG 31 DEC 12

ESTIMATED 01 JAN 10

PREDICTED 02-04 JAN 08/14/12

SOLTERWARN

SPAN

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