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HFUS 1 BOU 180540

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 292A

JOINT AESC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY

ISSUED 0600Z 18 OCTOBER 1972

IA. NO CHANGE

IB. NO CHANGE

II. NO CHANGE

III. NO CHANGE

IV. NO CHANGE

V. NO CHANGE

SOLTERWARN

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HFUS 1 BOU 181240

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 292B

JOINT AESC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1300Z 18 OCTOBER 1972

IA. SOLAR ACTIVITY HAS REMAINED LOW FOR THIS PERIOD. INTEREST
CENTERS ON THE SE QUADRANT OF THE DISK. REGION 446 (S05E35) AND
REGION 448 (S16E47) ARE BOTH FAIRLY IMPRESSIVE REGIONS, ALTHOUGH
THEY HAVE BEEN QUITE STABLE OVER THE PAST 24 HOURS. MAGNETIC
ANALYSIS OF THESE REGIONS HAS BEEN HAMPERED BY WEATHER.

IB. SOLAR ACTIVITY MAY RISE SOMEWHAT WITH THE DEVELOPMENT OF THE
ACTIVITY CENTERS IN THE SE, BUT THE IMMEDIATE FUTURE WILL PROBABLY
BE QUIET DUE TO THE PRESENT STABILITY. NO SIGNIFICANT RETURNING
REGIONS ARE EXPECTED ON THE DISK IN THE NEXT 72 HOURS.

II. THE MAGNETIC FIELD HAS BEEN SOMEWHAT ACTIVE IN THE PAST FEW
HOURS AND SHOULD REMAIN UNSETTLED TO ACTIVE FOR THE NEXT 72 HOURS.

III. EVENT PROBABILITIES 18-20 OCTOBER

CLASS M 30/40/40

CLASS X 05/07/07

PROTON 01/03/03

PCFC GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED QU OCTOBER 114

PREDICTED 18-20 OCTOBER 118/122/124

90-DAY MEAN 17 OCTOBER 117.3

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 16 OCTOBER 10

ESTIMATED 17 OCTOBER 01

PREDICTED 18-20 OCTOBER 03/10/10

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HFUS BOU 182200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 292

JOINT AESC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY

ISSUED 2200Z 18 OCT 1972

IA. SOLAR ACTIVITY REMAINS LOW. GENERALLY POOR SEEING WORLDWIDE MAKES ANALYSIS DIFFICULT, BUT REGION 446 /S05E30/ MAY BE DECLINING SLIGHTLY. REGION 448 /S15E40/ HAS PRODUCED AT LEAST ONE SUBFLARE AND SEVERAL DARK SURGES. RAMEY HAS INFERRED 448 TO BE A SIMPLE BETA TYPE BUT NO MT. WILSON MAGNETIC DATA IS AVAILABLE.

IB. REGION 448 REMAINS CAPABLE OF ENERGETIC ACTIVITY. THE REMAINDER OF THE DISK WILL BE QUIET.

II. THE GEOMAGNETIC FIELD HAS BEEN GENERALLY QUIET WITH SOME SHORT PERIODS OF UNSETTLED CONDITIONS. UNSETTLED CONDITIONS ARE EXPECTED FOR THE NEXT 48 TO 72 HOURS.

III. EVENT PROBABILITIES 19-21 OCT

CLASS M 30/40/40

CLASS X 05/07/07

PROTON 01/03/03

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 18 OCT 112

PREDICTED 19-21 OCT 115/117/117

90-DAY MEAN 18 OCT 117.3

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 17 OCT 001

ESTIMATED 18 OCT 006

PREDICTED 19-21 OCT 010/010/007

SOLTERWARN

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